

# Service catalogue

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## FST GmbH Filtrations-Separations-Technik



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**FST GmbH**  
Filtrations-Separations-Technik

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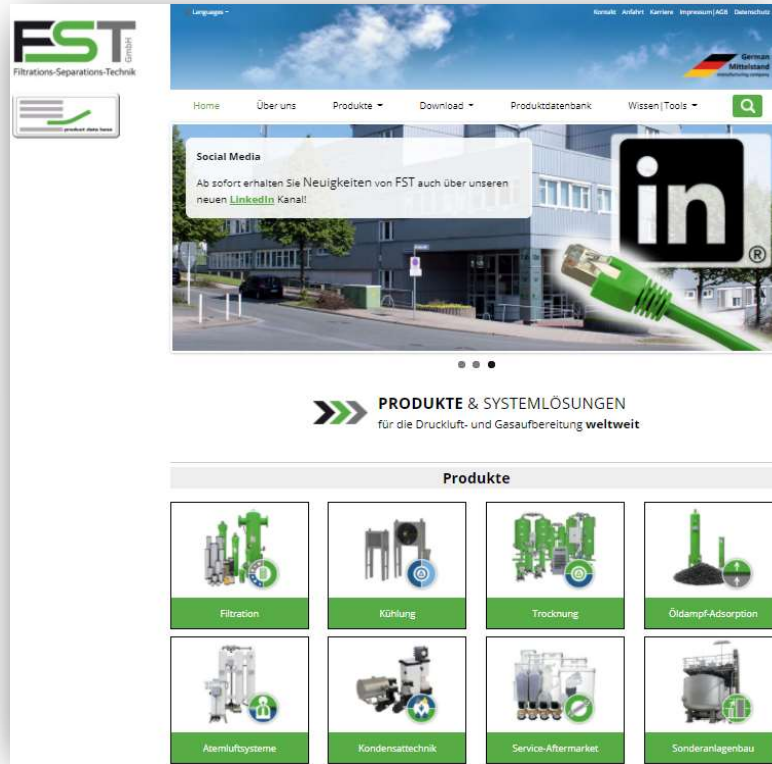
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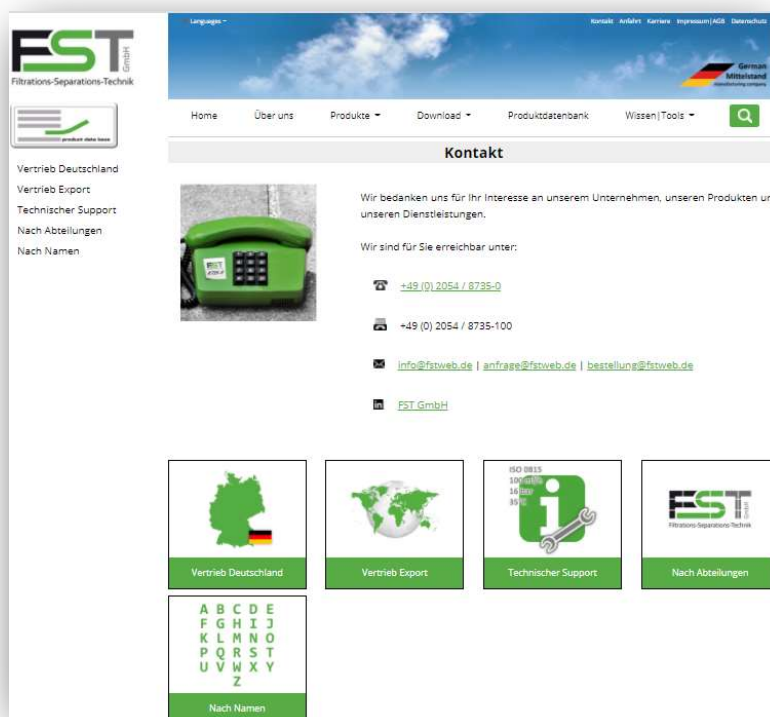
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## Service concept

Service and maintenance of compressed air systems, especially for filters and adsorption dryers, are a fundamental part in industrial maintenance. The aim is to maintain continuously the requested and necessary compressed air purity as well as the efficiency, economical operation and operational reliability during the whole life cycle of the compressed air treatment system.

Insufficient compressed air purity usually causes enormous follow-up costs and downtimes. It can damage production facilities and, in case of direct contact, can render whole product batches useless. A network for compressed air contaminated by insufficient compressed air purity needs to be cleaned with huge effort, which leads to relevant costs and downtime again.

Keeping compressed air treatment systems efficient is a major issue in terms of energy consumption and energy savings. Polluted filter elements of compressed air filters can cause a significant increase in differential pressure that creates an additional energy demand for the compressors.

Overaged adsorption dryer desiccants lead to a dramatic change in regeneration cycles, no matter if they are contaminated or if pores suffer from inner collapse. Then much more energy is need for regeneration the adsorbent. Performance figures prove that desiccants that are overaged or of poor quality can increase energy costs up to 70%. For that reason, FST offers only high quality desiccants of German or European origin. In addition, all desiccants are sieved and cleaned during packaging and can be stored for up to 2 years.



Another major criterion of compressed air treatment systems is operational reliability.

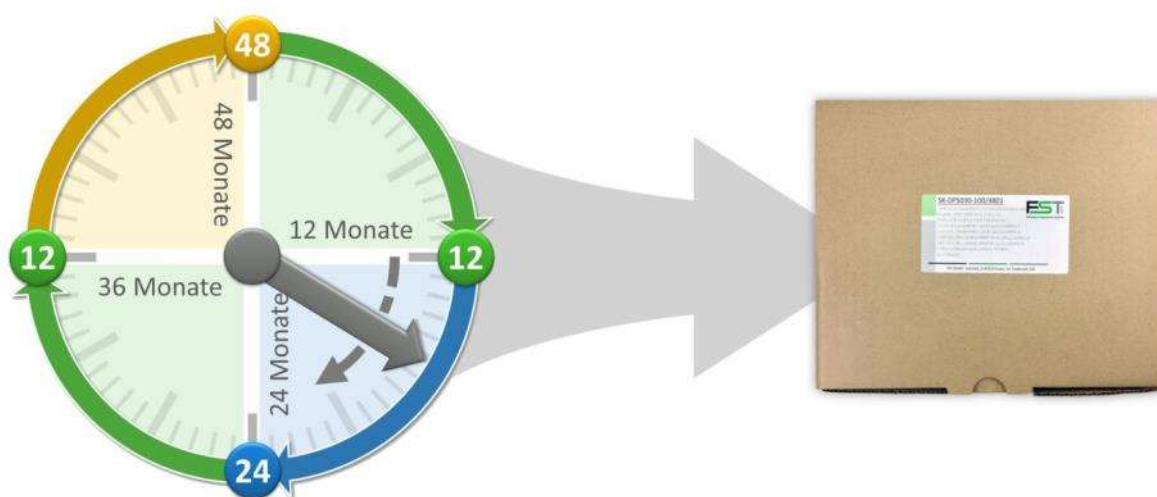
In case of a compressor failure there will no longer be any compressed air, which may be harmful for the compressed air system. The failure of a compressed air treatment component highly reduces the compressed air purity, which leads to a contamination of the entire compressed air system with pollutants and respective consequences.

Thus, proper maintenance and service of compressed air treatment components is one of the basic factors of operational safety.

In order to allow a proper and easy maintenance FST has developed a service concept. Its aim is to identify the right service kit for any particular compressed air treatment component in an easy and straightforward way and to assign it to the right maintenance cycle without any difficulty.

The maintenance parts included in the service kits are integrating, i.e. only one service kit is need for a specific maintenance. **There is no easier way!** Every service kit is suitable for preventative maintenance as well as repairs and general overhaul.

Service kits and maintenance cycles correspond to official specifications by FST and sub-suppliers, respectively. These recommendations based on our experience, allowing a failure-free operation of the compressed air treatment components - even when used 24 hours a day and 365 days a year.



The service concept for adsorption dryers based on a 48-month total cycle, while there is an interim service every 12 months. Afterwards the complete cycle starts again.

- The **12-month service kit** usually contains all mechanical spare parts that serve to control the dryer.
- The **24-month service kit** contains the parts from 12-month service kit + spare parts for the main valves.
- **After 36 months, the 12-month service kit** is to apply again.
- The **48-month service kit** contains every relevant spare part for a general overhaul as well as all necessary seals for a desiccant change.

The product specific desiccant bundles, silencers and further maintenance parts are indicated in selection lists on the corresponding pages. Detailed information on the content of single service kits are described on the opposite page of each selection list. Elements for pre- and after-filters as well as silencers are not part of the service kits due to different specifications for each adsorption dryer model. Therefore, when making a request we kindly ask you to indicate types and sizes of filters (filter elements) and silencers applied to the dryer, besides dryer type and/or serial number, in order to prepare a complete customized offer for you.

Our aim is your guaranteed maintenance success. Therefore, the team of FST serves you as a competent partner for every question regarding maintenance and service of compressed air treatment systems while offering a comprehensive range of service kits and single spare parts for a large number of models and manufacturers.

**Service product concept**



**SEWAPAC**

Maintenance kits  
for oil/water separators



**SEDAPAC - SEDAFILL**

Desiccant and activated carbon  
bundles



**SK – Service kits**

Maintenance kits



**SP – Service parts**

Single spare parts



**SR – Service repair**

Repair kits



**SU – Service upgrade**

Upgrade kits  
for modernisation of dryers



**Control technology**

Controller  
for dryer



**Measuring technology**

Measurement devices  
and systems

## Service Quick-Finder

### Filtration and condensate technology

Filter and element seals



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Maintenance kits for condensate drains



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SEWAPAC maintenance kits oil/water separator



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### Adsorption

SEDAPAC desiccant, activated carbon and catalyst bundles



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Maintenance kits for FST products



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Maintenance kits for ZANDER products



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Maintenance kits for domnick-hunter products



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### Single spare parts

Heater



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Blower



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Valves



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Valve gasket kits



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Silencer



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Intake air filter



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High temperature spiral hose



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### Controller and measuring technology

Control units



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## Filtration

### Seals for FST filter housings



For FST filters all housing seals are available as single spare parts. For various applications, suitable sealing materials (e.g. NBR, VITON, EPDM, silicone) are available.

Specifications:

PB (NBR) -30 .. +100 °C ; resistant to fuels, mineral oils and greases, etc.

FK (FPM, Viton) -20 .. +200 °C ; resistant to mineral oils, chlorinated hydrocarbons, acids, etc.

CF (C-4400 DIN2690) -40 .. +180 °C ; resistant to mineral oils, hydrocarbons, water, steam, etc.

EP (EPDM) -40 .. +150 °C ; resistant to water, steam, ozone, etc.

SI (silicone) -55 .. +200 °C ; resistant to mineral oils, fuels, acids, etc.

<i>NBR seals for aluminium housings</i>	<i>suitable for</i>	<i>content</i>	<i>prod. grp.</i>
<b>SP-SOS-FCA20-25PB</b>	FCA20 .. FCA25	NBR O-ring filter housing	82
<b>SP-SOS-FCA30-70PB</b>	FCA30 .. FCA70	NBR O-ring filter housing	82
<b>SP-SOS-FCA90-130PB</b>	FCA90 .. FCA130	NBR O-ring filter housing	82
<b>SP-SOS-FCA140-170PB</b>	FCA140 .. FCA170	NBR O-ring filter housing	82
<b>SP-SOS-FCA180-190PB</b>	FCA180 .. FCA190	NBR O-ring filter housing	82
<i>Viton seals for aluminium housings</i>			
<b>SP-SOS-FCA20-25FK</b>	FCA20 .. FCA25	VITON O-ring filter housing	82
<b>SP-SOS-FCA30-70FK</b>	FCA30 .. FCA70	VITON O-ring filter housing	82
<b>SP-SOS-FCA90-130FK</b>	FCA90 .. FCA130	VITON O-ring filter housing	82
<b>SP-SOS-FCA140-170FK</b>	FCA140 .. FCA170	VITON O-ring filter housing	82
<b>SP-SOS-FCA180-190FK</b>	FCA180 .. FCA190	VITON O-ring filter housing	82
<i>seals for flange filter housings</i>			
<b>SP-PWG-FWS140-190/CF</b>	FWS140 .. FWS190	C4400 flange gasket	82
<b>SP-PWG-FWS200-300/CF</b>	FWS200 .. FWS300	C4400 flange gasket	82
<b>SP-PWG-FWS400/CF</b>	FWS400	C4400 flange gasket	82
<b>SP-PWG-FWS600-800/CF</b>	FWS600 .. FWS800	C4400 flange gasket	82
<b>SP-PWG-FWS1000-1200/CF</b>	FWS1000 .. FWS1200	C4400 flange gasket	82
<b>SP-PWG-FWS1600-2000/CF</b>	FWS1600 .. FWS2000	C4400 flange gasket	82
<i>NBR seals for high pressure filter housings</i>			
<b>SP-SOS-FMA30-70PB</b>	FMA30 .. FMA70	NBR O-ring filter housing	82
<b>SP-SOS-FMS90-110PB</b>	FMS90 .. FMS110	NBR O-ring filter housing	82
<i>Viton seals for high pressure filter housings</i>			
<b>SP-SOS-FMA30-70FK</b>	FMA30 .. FMA70	VITON O-ring filter housing	82
<b>SP-SOS-FMS90-110FK</b>	FMS90 .. FMS110	VITON O-ring filter housing	82
<i>EPDM seals for sterile filter housings</i>			
<b>SP-SGR-FWP20-90/EP</b>	FWP20 .. FWP90	EPDM aseptic housing gasket	82
<b>SP-SGR-FWP110-120/EP</b>	FWP110 .. FWP120	EPDM aseptic housing gasket	82
<b>SP-SGR-FWP130-170/EP</b>	FWP130 .. FWP170	EPDM aseptic housing gasket	82
<b>SP-SGR-FWP180-190/EP</b>	FWP180 .. FWP190	EPDM aseptic housing gasket	82
<i>silicone seals for steam filter housings</i>			
<b>SP-SGR-FWP20-90/SI</b>	FWP20 .. FWP90	silicone housing gasket	82
<b>SP-SGR-FWP110-120/SI</b>	FWP110 .. FWP120	silicone housing gasket	82
<b>SP-SGR-FWP130-170/SI</b>	FWP130 .. FWP170	silicone housing gasket	82
<b>SP-SGR-FWP180-190/SI</b>	FWP180 .. FWP190	silicone housing gasket	82
<i>seals kit package</i>			
<b>SP-SOS-FCA/PB</b>	FCA filter housing	10x SOS-FCA20-25 10x SOS-FCA30-70 5x SOS-FCA90-130 5x SOS-FCA140-170 3x SOS-FCA180-190	82

## Filtration

### Seals for FST filter elements

For FST filter elements all seals are available as single spare parts, too. For various applications, suitable sealing materials (e.g. NBR, VITON, EPDM, silicone) are available.



<i>NBR seals for FST filter elements</i>	<i>suitable for</i>	<i>content</i>	<i>prod. grp.</i>
<b>SP-SOS-EFST25/PB</b>	EFST25	NBR O-ring filter element	82
<b>SP-SOS-EFST30-70/PB</b>	EFST30 .. EFST70	NBR O-ring filter element	82
<b>SP-SOS-EFST90-130/PB</b>	EFST90 .. EFST130	NBR O-ring filter element	82
<b>SP-SOS-EFST140-170/PB</b>	EFST140 .. EFST170	NBR O-ring filter element	82
<b>SP-SOS-EFST180-190/PB</b>	EFST180 .. EFST190	NBR O-ring filter element	82
<i>Viton seals for FST filter elements</i>			
<b>SP-SOS-EFST25/FK</b>	EFST25	VITON O-ring filter element	82
<b>SP-SOS-EFST30-70/FK</b>	EFST30 .. EFST70	VITON O-ring filter element	82
<b>SP-SOS-EFST90-130/FK</b>	EFST90 .. EFST130	VITON O-ring filter element	82
<b>SP-SOS-EFST140-170/FK</b>	EFST140 .. EFST170	VITON O-ring filter element	82
<b>SP-SOS-EFST180-190/FK</b>	EFST180 .. EFST190	VITON O-ring filter element	82
<i>Viton seals for FST process filter elements</i>			
<b>SP-SOS-EFSTP90-120/FK</b>	EFSTP90 .. EFSTP120	VITON O-ring filter element	82
<b>SP-SOS-EFSTP140-190/FK</b>	EFSTP140 .. EFSTP190	VITON O-ring filter element	82
<i>EPDM seals for FST process filter elements</i>			
<b>SP-SOS-EFSTP90-120/EP</b>	EFSTP90 .. EFSTP120	EPDM O-ring filter element	82
<b>SP-SOS-EFSTP140-190/EP</b>	EFSTP140 .. EFSTP190	EPDM O-ring filter element	82
<i>silicone seals for FST process filter elements</i>			
<b>SP-SOS-EFSTP90-120/SI</b>	EFSTP90 .. EFSTP120	silicone O-ring filter element	82
<b>SP-SOS-EFSTP140-190/SI</b>	EFSTP140 .. EFSTP190	silicone O-ring filter element	82

## Filtration

### Connection gaskets for FST filter housings

Intermediate seals are used for connecting up to 3 FCA filter housings or mounting the filter housing to the top plate of a DPS1-8 dryer.



<i>connection gaskets for FST filter housings</i>	<i>suitable for</i>	<i>content</i>	<i>prod. grp.</i>
<b>SP-PWG-FCA20-25</b>	FCA20 .. FCA25 16 bar	1x flat gasket	82
<b>SP-PWG-FCA30-70</b>	FCA30 .. FCA70 16 bar	1x flat gasket	82
<b>SP-PWG-FCA90-130</b>	FCA90 .. FCA130 16 bar	1x flat gasket	82

## Condensate Automatic internal condensate drains



Automatic internal condensate drains are designed for discharging small to medium amounts of liquid from pressurised housings with an integrated liquid collecting area up to 16 bar. The condensate drain is mounted in the pressurised housing from which liquid should be discharged (internal drain).

<i>Internal condensate drains</i>	<i>suitable for</i>	<i>connection</i>	<i>pressure range</i>	<i>prod. grp.</i>
<b>CDF130NO-M14</b>	FST FCA20 .. FCA130; ZANDER G2 .. G13	Ø 14,5 mm (M14)	PN16	51
<b>SP-CDF0009G-0145G-DH</b>	domnick hunter Oil-X series 0009G .. 0145G (60864)	Ø 16 mm	PN16	86
<b>SP-CDF-EF1-DH</b>	domnick hunter Oil-X Evolution series (EF1 ZK15 61 833 0005)	1/2"	PN16	86

## Condensate

### Spare part kits for condensate drains



<i>Spare parts for FST condensate drains</i>	<i>suitable for</i>	<i>content</i>	<i>prod. grp.</i>
<b>SK-CDF140NC</b>	FST CDF140NC	valve seal, housing gasket	82
<b>SK-CDE4-500L</b>	FST CDE4 .. CDE500	valve diaphragm, piston, sieve, housing gasket	82
<i>Spare parts for ZANDER condensate drains</i>			
<b>SK-CDE-ED3000</b>	ZANDER ED3000 series	valve diaphragm, plunger, sieve, housing gasket	82
<i>Accessories for condensate drains</i>			
<b>SP-ECA2-ECN49440</b>	FST CDE4 .. CDE500	2m power cable 3-wire with Schuko angle plug	82
<b>SP-ECA3-ECN15</b>	FST CDE8 .. CDE500	3m signal-cable with M12 plug for alarm output	82
<b>SP-ECA5-ECN15</b>	FST CDE8 .. CDE500	5m signal-cable with M12 plug for alarm output	82
<b>SP-ECA9-ECN15</b>	FST CDE8 .. CDE500	9m signal-cable with M12 plug for alarm output	82
<b>SR-CDE-ED3000</b>	ZANDER ED3000 series	metal-hose connector with union nut	82

## Condensate SEWAPAC maintenance kits for oil- water separators



SEWAPAC maintenance packages are available for many types of oil-/water separators from well-known manufacturers. The high quality materials used are exclusively sourced from German producers. Due to regular replacement of the activated carbon bags the operator complies with all necessary requirements of the WHG (German Water Resources Act), making an active contribution to environmental protection. All service packages include the necessary amount of activated carbon, the appropriate air filter, a pair of special gloves, and a stable disposal bag for waste materials.

### SEWAPAC for FST CSW-drukosep/CSW-drukomat, Wortmann drukosep/drukomat, ZANDER ecosep S

<i>maintenance kits</i>	<i>suitable for</i>	<i>net weight</i>	<i>content</i>	<i>prod. grp.</i>
<b>SEWAPAC-CSW1-DSEP</b>	drukosep 1	2,0 kg	1 x combi filter, 1 x exhaust filter	83
<b>SEWAPAC-CSW2-DSEP</b>	drukosep 2	2,5 kg	1 x combi filter, 1 x exhaust filter	83
<b>SEWAPAC-CSW3-DSEP</b>	drukosep 3	3,0 kg	1 x combi filter, 1 x exhaust filter	83
<b>SEWAPAC-CSW6-DSEP</b>	drukosep 6	4,0 kg	1 x combi filter, 1 x exhaust filter	83
<b>SEWAPAC-CSW8-DSEP</b>	drukosep 8	8,0 kg	1 x combi filter, 1 x exhaust filter	83
<b>SEWAPAC-CSW10-DSEP</b>	drukosep 10	7,0 kg	1 x combi filter, 1 x exhaust filter	83
<b>SEWAPAC-CSW1-DMAT</b>	drukomat mini/1, ecosep S mini/S1	4,0 kg	1x activated carbon, 1x exhaust filter	83
<b>SEWAPAC-CSW8-DMAT</b>	drukomat 2/4/8, ecosep S2/S4/S8	6,0 kg	1x activated carbon, 1x exhaust filter	83
<b>SEWAPAC-CSW15-DMAT</b>	drukomat 15, ecosep S15	7,0 kg	1x activated carbon, 1xexhaust filter, 1x pre filter	83
<b>SEWAPAC-CSW30-DMAT</b>	drukomat 30, ecosep S30	10 kg	2x activated carbon, 1x exhaust filter, 1xpre filter	83
<b>SEWAPAC-CSW61-DMAT</b>	drukomat 61, ecosep S61	20 kg	4x activated carbon, 1x exhaust filter, 1x pre filter	83
<b>SEWAPAC-CSW15-PLUS</b>	drukomat 15 plus	6,5 kg	1x activated carbon, 1x exhaust filter, 1x pre filter	83
<b>SEWAPAC-CSW30-PLUS</b>	drukomat 30 plus	9,5 kg	1x activated carbon, 1x exhaust filter, 2x pre filter	83
<b>SEWAPAC-CSW31-PLUS</b>	drukomat 31 plus	12 kg	2x activated carbon, 1x exhaust filter, 2x pre filter	83
<b>SEWAPAC-CSW61-PLUS</b>	drukomat 61 plus	21 kg	4x activated carbon, 1x exhaust filter, 3x pre filter	83

### SEWAPAC for FST CSD

<i>maintenance kits</i>	<i>suitable for</i>	<i>net weight</i>	<i>content</i>	<i>prod. grp.</i>
<b>SEWAPAC-CSD3</b>	CSD3	2,0 kg	1x activated carbon	83
<b>SEWAPAC-CSD5</b>	CSD5	4,0 kg	1x activated carbon, 1x pre filter	83
<b>SEWAPAC-CSD10</b>	CSD10	5,0 kg	1x activated carbon with pre filter	83
<b>SEWAPAC-CSD20</b>	CSD20	8,0 kg	2x activated carbon, 2x pre filter	83
<b>SEWAPAC-CSD40</b>	CSD40	10 kg	2x activated carbon, 1x pre filter	83
<b>SEWAPAC-CSD80</b>	CSD80	20 kg	4x activated carbon, 2x pre filter	83
<b>SEWAPAC-CSD160</b>	CSD160	40 kg	8x activated carbon, 4x pre filter	83

## Condensate SEWAPAC maintenance kits for oil- water separators



### SEWAPAC for BEKO Öwamat

<i>maintenance kits</i>	<i>suitable for</i>	<i>net weight</i>	<i>content</i>	<i>prod. grp.</i>
<b>SEWAPAC-OWM2-BE</b>	Öwamat 1-2	2,0 kg	1x activated carbon	83
<b>SEWAPAC-OWM3-BE</b>	Öwamat 3	3,0 kg	1x activated carbon	83
<b>SEWAPAC-OWM4-BE</b>	Öwamat 4	4,0 kg	1x activated carbon	83
<b>SEWAPAC-OWM5R-BE</b>	Öwamat 5R	5,0 kg	1x activated carbon, 1x pre filter	83
<b>SEWAPAC-OWM5-BE</b>	Öwamat 5	9,0 kg	2x activated carbon	83
<b>SEWAPAC-OWM6-BE</b>	Öwamat 6	12 kg	2x activated carbon, 1x pre filter	83
<b>SEWAPAC-OWM8-BE</b>	Öwamat 8	32 kg	2x activated carbon, 1x pre filter	83
<b>SEWAPAC-OWM20-BE</b>	Öwamat 20	24 kg	1x activated carbon	83

<b>SEWAPAC-OWM10-BE</b>	Öwamat 10	0,5 kg	1x activated carbon, 1x pre filter	83
<b>SEWAPAC-OWM11-BE</b>	Öwamat 11	2,0 kg	1x activated carbon, 1x pre filter	83
<b>SEWAPAC-OWM12-BE</b>	Öwamat 12	2,0 kg	1x activated carbon, 1x pre filter	83
<b>SEWAPAC-OWM14-BE</b>	Öwamat 14	3,4 kg	1x activated carbon, 1x pre filter	83
<b>SEWAPAC-OWM15-BE</b>	Öwamat 15	6,0 kg	1x activated carbon, 1x pre filter	83
<b>SEWAPAC-OWM16-BE</b>	Öwamat 16	11 kg	1x activated carbon, 1x pre filter	83

### SEWAPAC for Ultrafilter Ultrasep SuperPlus (from 05/2005)

<i>maintenance kits</i>	<i>suitable for</i>	<i>net weight</i>	<i>content</i>	<i>prod. grp.</i>
<b>SEWAPAC-SP10N-UF</b>	Ultrasep SuperPlus SP10-N	4,0 kg	1x activated carbon, 1x pre filter	83
<b>SEWAPAC-SP15N-UF</b>	Ultrasep SuperPlus SP15-N	5,0 kg	1x activated carbon with pre filter	83
<b>SEWAPAC-SP30N-UF</b>	Ultrasep SuperPlus SP30-N	8,0 kg	2x activated carbon, 2x pre filter	83
<b>SEWAPAC-SP60N-UF</b>	Ultrasep SuperPlus SP60-N	10 kg	2x activated carbon, 1x pre filter	83
<b>SEWAPAC-SP120N-UF</b>	Ultrasep SuperPlus SP120-N	20 kg	4x activated carbon, 2x pre filter	83
<b>SEWAPAC-SP240N-UF</b>	Ultrasep SuperPlus SP240-N	40 kg	8x activated carbon, 4x pre filter	83

### SEWAPAC for Ultrafilter Ultrasep SuperPlus (from 04/1994 to 05/2005)

<i>maintenance kits</i>	<i>suitable for</i>	<i>net weight</i>	<i>content</i>	<i>prod. grp.</i>
<b>SEWAPAC-SP5-UF</b>	Ultrasep SuperPlus SP5	2,0 kg	1x activated carbon	83
<b>SEWAPAC-SP10-UF</b>	Ultrasep SuperPlus SP10	4,0 kg	1x activated carbon, 1x pre filter	83
<b>SEWAPAC-SP15-UF</b>	Ultrasep SuperPlus SP15	5,0 kg	1x activated carbon with pre filter	83
<b>SEWAPAC-SP30-UF</b>	Ultrasep SuperPlus SP30	8,0 kg	2x activated carbon, 2x pre filter	83
<b>SEWAPAC-SP60-UF</b>	Ultrasep SuperPlus SP60	10 kg	2x activated carbon, 1x pre filter	83
<b>SEWAPAC-SP120-UF</b>	Ultrasep SuperPlus SP120	20 kg	4x activated carbon, 2x pre filter	83
<b>SEWAPAC-SP240-UF</b>	Ultrasep SuperPlus SP240	40 kg	8x activated carbon, 4x pre filter	83

## Condensate

### SEWAPAC maintenance kits for oil- water separators



#### SEWAPAC for Atlas Copco OSC series

<i>maintenance kits</i>	<i>suitable for</i>	<i>net weight</i>	<i>content</i>	<i>prod. grp.</i>
<b>SEWAPAC-OSC35-AC</b>	OSC 35	2,5 kg	1 x activated carbon, 1 x pre filter	83
<b>SEWAPAC-OSC95-AC</b>	OSC 95	4,5 kg	1 x activated carbon, 1 x pre filter	83
<b>SEWAPAC-OSC145-AC</b>	OSC 145	7,0 kg	1 x activated carbon, 1 x pre filter	83
<b>SEWAPAC-OSC355-AC</b>	OSC 355	9,0 kg	2 x activated carbon, 1 x pre filter	83
<b>SEWAPAC-OSC600-AC</b>	OSC 600	12 kg	2 x activated carbon, 1 x pre filter	83
<b>SEWAPAC-OSC825-AC</b>	OSC 825	14 kg	2 x activated carbon, 1 x pre filter	83
<b>SEWAPAC-OSC1200-AC</b>	OSC 1200	20 kg	2 x activated carbon, 1 x pre filter	83
<b>SEWAPAC-OSC2400-AC</b>	OSC 2400	40 kg	4 x activated carbon, 2 x pre filter	83

#### SEWAPAC for Atlas Copco OSW series

<i>maintenance kits</i>	<i>suitable for</i>	<i>net weight</i>	<i>content</i>	<i>prod. grp.</i>
<b>SEWAPAC-OSW11-AC</b>	OSW 5 , OSW 11	2,0 kg	1x activated carbon	83
<b>SEWAPAC-OSW30-AC</b>	OSW 30	4,0 kg	1x activated carbon	83
<b>SEWAPAC-OSW55-AC</b>	OSW 55	5,0 kg	1x activated carbon, 1x pre filter	83
<b>SEWAPAC-OSW110-AC</b>	OSW 110	12 kg	2x activated carbon, 1x pre filter	83
<b>SEWAPAC-OSW315-AC</b>	OSW 315	32 kg	2x activated carbon, 1x pre filter	83



## Condensate

### SEWAPAC maintenance kits for oil- water separators



#### SEWAPAC for Jorc Puro series

<i>maintenance kits</i>	<i>suitable for</i>	<i>net weight</i>	<i>content</i>	<i>prod. grp.</i>
<b>SEWAPAC-ENV-JC</b>	Enviro	1,0 kg	1x activated carbon	83
<b>SEWAPAC-PMN-JC</b>	Puro Mini	5,0 kg	1x activated carbon, 1x pre filter	83
<b>SEWAPAC-PUR-JC</b>	Puro	6,0 kg	1x activated carbon, 1x pre filter	83
<b>SEWAPAC-PMD-JC</b>	Puro Midi	13 kg	1x activated carbon, 1x pre filter	83
<b>SEWAPAC-PGR-JC</b>	Puro Grand	19 kg	1x activated carbon, 1x pre filter	83
<b>SEWAPAC-PEX-JC</b>	Puro-Grand-Extender	11 kg	1x activated carbon	83

#### SEWAPAC for domnick-hunter SE/ES, ZANDER ecosep SL

<i>maintenance kits</i>	<i>suitable for</i>	<i>net weight</i>	<i>content</i>	<i>prod. grp.</i>
<b>SEWAPAC-SE2010-DH</b>	SE2010	3,0 kg	1x activated carbon, 1x exhaust filter	83
<b>SEWAPAC-SE2015-DH</b>	SE2015	5,0 kg	1x activated carbon, 1x exhaust filter	83
<b>SEWAPAC-SE2030-DH</b>	SE2030	7,0 kg	1x activated carbon, 1x exhaust filter	83
<b>SEWAPAC-ES2200-DH</b>	ES2100–ES2200, ecosep SL1-SL5	3,0 kg	1x activated carbon, 1x exhaust filter	83
<b>SEWAPAC-ES2300-DH</b>	ES2300, ecosep SL8	4,0 kg	1x activated carbon, 1x exhaust filter	83
<b>SEWAPAC-ES2400-DH</b>	ES2400, ecosep SL15	6,0 kg	2x activated carbon, 1x exhaust filter, 2x pre filter	83
<b>SEWAPAC-ES2500-DH</b>	ES2500, ecosep SL30	7,0 kg	1x activated carbon, 1x exhaust filter, 1x pre filter	83
<b>SEWAPAC-ES2600-DH</b>	ES2600, ecosep SL61	15 kg	2x activated carbon, 1x exhaust filter, 2x pre filter	83

#### SEWAPAC for Wortmann WO / ZANDER WT series

<i>maintenance kits</i>	<i>suitable for</i>	<i>net weight</i>	<i>content</i>	<i>prod. grp.</i>
<b>SEWAPAC-WT02-WO</b>	WO1 ,WO2 , WT1 , WT2	6,0 kg	1x activated carbon, 1x exhaust filter	83
<b>SEWAPAC-WT03-WO</b>	WO3 , WT3	11 kg	2x activated carbon, 1x exhaust filter	83
<b>SEWAPAC-WT04-WO</b>	WO4 , WT4	20 kg	4x activated carbon, 1x exhaust filter	83
<b>SEWAPAC-WT05-WO</b>	WT5	2,5 kg	1x activated carbon	83
<b>SEWAPAC-WT10-WO</b>	WT10	3,5 kg	1x activated carbon	83
<b>SEWAPAC-WT20-WO</b>	WT20	8,0 kg	2x activated carbon	83
<b>SEWAPAC-WT30-WO</b>	WT30	14 kg	4x activated carbon	83

#### SEWAPAC accessories

	<i>description</i>	<i>content</i>	<i>prod. grp.</i>
<b>SP-IOI-CSW</b>	oil test paper	box with 100 strips of indicator paper	83
<b>SP-IDI-CSW</b>	cloud reference glass	1x glass with threaded cover	83
<b>SP-IDT-CSW</b>	PH-value test strips 0-14ph	box with 100 test strips	83

## Adsorption

### SEDAPAC desiccant bundles



FST desiccant bundles are available in graded quantities. Thus, individual bundles can easily be created out of these packages with exactly the required amount of desiccant.

All desiccants are produced by German or European manufacturers. They are dust-free and moisture-proof packed while maintaining the highest quality requirements.

They are supplied in a robust plastic container (Euro-containers) or in a sealed steel drum. Thus, all conditions of international freight transport regulations are met. The shelf life is up to 2 years.

#### molecular sieve 4Å

molecular sieve 4Å for drying of compressed air and gases.  
dew-points down to -70°C dp achievable ; material form: globe Ø 2,5-5,0 mm

*net weight*    *prod. grp.*

SEDAPAC-0,5MS	plastic container	0,5kg	85
SEDAPAC-2MS	plastic container	1,8 kg	85
SEDAPAC-4MS	plastic container	4,3 kg	85
SEDAPAC-15MS	plastic container	16 kg	85
SEDAPAC-140MS	barrel	150 kg	85

#### molecular sieve 10 Å

molecular sieve 10Å for CO<sub>2</sub> reduction and drying of gases.  
dew-points down to -70°C dp achievable ; material form: globe Ø 2,5-5 mm

SEDAPAC-2MZ	plastic container	2 kg	85
SEDAPAC-6MZ	plastic container	6 kg	85
SEDAPAC-16MZ	plastic container	16 kg	85
SEDAPAC-130MZ	barrel	130 kg	85

#### molecular sieve 3 Å

molecular sieve 3Å for drying of CNG, unsaturated hydrocarbons and refrigerants. Material shape: ball Ø2.5-5mm

SEDAPAC-2MF	plastic container	2 kg	85
SEDAPAC-6MF	plastic container	6 kg	85
SEDAPAC-16MF	plastic container	16 kg	85
SEDAPAC-140MF	barrel	140 kg	85

#### activated alumina gel

activated aluminium gel for drying of compressed air and gases  
in heat- and heatless-regenerated dryer  
dew-points better than -40°C dp achievable ; material form: globe Ø 2,0-5,0 mm

SEDAPAC-2AA	plastic container	2 kg	85
SEDAPAC-5AA	plastic container	5 kg	85
SEDAPAC-18AA	plastic container	18 kg	85
SEDAPAC-160AA	barrel	160 kg	85

#### desiccant for breathing air applications

activated aluminium gel for drying of compressed air in breathing air applications  
dew-points better than -40°C/-70°C dp achievable ; material form: globe Ø 1,6-3,2 mm

SEDAPAC-2AB	plastic container	2 kg	85
SEDAPAC-6AB	plastic container	6 kg	85
SEDAPAC-20AB	plastic container	20 kg	85
SEDAPAC-150AB	barrel	150 kg	85

## Adsorption

### SEDAPAC desiccant bundles

Desiccant bundles SEDAPAC..WS and SEDAPAC..N are designed for usage in heat-regenerated adsorption dryers. The water-stable WS material is used as a waterproof layer at the bottom of the vessel. The high efficient N material is layered on top.

**WS-pearls**                      WS material; water resistant silica gel for drying of compressed air in heat-regenerated systems. dew-points down to -70°C dp achievable ; material form: granular Ø 2,0-5,0 mm.                      *net weight*                      *prod. grp.*

<b>SEDAPAC-2WS</b>	plastic container	2 kg	85
<b>SEDAPAC-4WS</b>	plastic container	4 kg	85
<b>SEDAPAC-18WS</b>	plastic container	18 kg	85
<b>SEDAPAC-130WS</b>	barrel	130 kg	85
<b>SEDAPAC-750WS</b>	big-bag	750 kg	85

**N-pearls**                      N material; high performance silica gel for drying of compressed air and gases in heat- re-generated systems, dew-points down to -70°C dp achievable ; material form: granular Ø 2,0-5,0 mm.

<b>SEDAPAC-20N</b>	plastic container	20 kg	85
<b>SEDAPAC-150N</b>	barrel	150 kg	85
<b>SEDAPAC-850N</b>	big-bag	850 kg	85

## Adsorption

### SEDAPAC desiccant bundles



SEDAPAC bundles are available for the cleaning stage of breathing air dryers and oil vapour adsorbers, too. All SEDAPAC ... A bundles include high effective activated carbon for compressed air and gas purification. SEDAPAC ... CL bundles include a catalytic active granulate to remove CO (carbon monoxide) from the compressed air.

All SEDAPAC bundles are de-dusted when filled. Thus, highest quality standards are met. The practical plastic boxes (Euro-containers) comply with transport requirements around the world. Thus, the desiccant is always protected and can be stored for up to 2 years without any quality loss.

#### activated carbon for oil vapour-adsorber

formed activated carbon for removal of oil vapour in compressed air adsorbers and exhaust air systems.  
specific surface 1050 m<sup>2</sup>/g ; material form: pellets Ø 3 mm

*net weight*    *prod. grp.*

SEDAPAC-1A	plastic container	0,5 kg	85
SEDAPAC-3A	plastic container	3 kg	85
SEDAPAC-10A	plastic container	10 kg	85
SEDAPAC-19A	plastic bag	19 kg	85
SEDAPAC-100A	barrel	100 kg	85
SEDAPAC-500A	big-bag	500 kg	85

#### activated carbon for cleaning stages

granular activated carbon for removal of oil vapour, sulphur hydrocarbons and siloxane in CNG- and bio-gas treatment systems  
specific surface 950 m<sup>2</sup>/g ; material form: granular Ø4mm

SEDAPAC-5AN	plastic container	5 kg	85
SEDAPAC-12AN	plastic container	12 kg	85
SEDAPAC-25AN	plastic sack	25 kg	85
SEDAPAC-100AN	barrel	100 kg	85

#### CO-catalyst for breathing air applications

granular catalyst for conversion of CO in CO<sub>2</sub> for breathing air treatment  
specific surface 200 m<sup>2</sup>/g ; material form: granular Ø 1,4-2,4 mm

SEDAPAC-1CL	box with bag	0,4 kg	85
SEDAPAC-4CL	plastic container	4 kg	85
SEDAPAC-20CL	plastic bag	20 kg	85

#### carbon-molecular sieve for N<sub>2</sub> generators

carbon-molecular sieve for N<sub>2</sub> generators in PSA nitrogen generators  
material form: pellets Ø 1,3 mm

SEDAPAC-4CS	plastic container	4 kg	85
SEDAPAC-25CS	plastic container	25 kg	85
SEDAPAC-137CS	PE-barrel	137 kg	85

#### Duranit

standard Carrier material for weight bearing, material form: granular Ø ¼",  
bulk density 2,2 kg/l

SEDAPAC-6DN	plastic container	6 kg	85
SEDAPAC-22DN	plastic container	22 kg	85
SEDAPAC-50DN	plastic bag	50 kg	85

#### refilling for dew-point indicator

regenerative orange-gel, reacts on moisture with green colour change

SR-FAI01-OG	re-filling for moisture indicator (vacuum packed)	0,03 kg	82
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Desiccant



SEDAPAC - MS



SEDAPAC - MZ



SEDAPAC - MF



SEDAPAC - AA



SEDAPAC - AB



SEDAPAC - WS



SEDAPAC - N



SEDAPAC - A



SEDAPAC - CL



FAI01 - OG

## Adsorption

### Maintenance kits for FST adsorption dryer DPM02(A)-04(A), DPM02(A)plus-04(A)plus



Maintenance kits SK-DPM .. contain all mechanical wear parts and dryer cartridges suitable for the FST DPM desiccant dryers. For the dryer with activated carbon column must be the activated carbon cartridges ordered separately. In the dryer each a demister and a filter element are used. Spare parts such as dryer control and regeneration air bridge are available individually.

<i>maintenance kit</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SK-DPM2/1201</b>	DPM02	12 months	81
<b>SK-DPM4/1201</b>	DPM04	12 months	81
<b>SK-DPM2+/1201</b>	DPM02plus	12 months	81
<b>SK-DPM4+/1201</b>	DPM04plus	12 months	81
<b>SK-DPM2/2401</b>	DPM02	24 months	81
<b>SK-DPM4/2401</b>	DPM04	24 months	81
<b>SK-DPM2+/2401</b>	DPM02plus	24 months	81
<b>SK-DPM4+/2401</b>	DPM04plus	24 months	81

*Activated carbon cartridge (for DPM...A)*

<b>DSM02A-000-01</b>	DPM02A, DPM02Aplus	12 months	81
<b>DSM04A-000-01</b>	DPM04A, DPM04Aplus	12 months	81

*Single Parts*

<b>SP-ECH-C0-024</b>	DPM02, DPM04	if required	82
<b>SP-ECH-C0Plus-024</b>	DPM02plus, DPM04plus	if required	82
<b>SR-VPF-DPM02</b>	DPM02, DPM02plus	if required	82
<b>SR-VPF-DPM04</b>	DPM04, DPM04plus	if required	82

## Adsorption

### Maintenance kits for FST adsorption dryer DPM02(A)-04(A), DPM02(A)plus-04(A)plus

	silencer ¾"	dryer cartridge DSM02	dryer cartridge DSM04	5/2- way switching valve	solenoid 24VDC	male electrical plug	2/2 expansion valve	Activated carbon cartridge DSM02A	Activated carbon cartridge DSM04A	el. control for DPM Standard	El. control for DPM Plus	regeneration air bridge DPM 02	regeneration air bridge DPM 04
<b>SK-DPM2/1201</b>	2	2											
<b>SK-DPM4/1201</b>	2		2										
<b>SK-DPM2+/1201</b>	1	2											
<b>SK-DPM4+/1201</b>	1		2										
<b>SK-DPM2/2401</b>	2	2		1	1	1							
<b>SK-DPM4/2401</b>	2		2	1	1	1							
<b>SK-DPM2+/2401</b>	1	2		1	1	1	1						
<b>SK-DPM4+/2401</b>	1		2	1	1	1	1						
<b>DSM02A-000-01</b>								1					
<b>DSM04A-000-01</b>									1				
<b>SP-ECH-C0-024</b>										1			
<b>SP-ECH-COPlus-024</b>											1		
<b>SR-VPF-DPM02</b>												1	
<b>SR-VPF-DPM04</b>													1

## Adsorption

### Maintenance kits for FST adsorption dryer DPS 1-8, DPS 1-8 A



Maintenance kits for DPS series dryer sizes 1-8 contain all mechanical wear parts (valve parts) for each maintenance interval including the standard silencer.

The filter elements for the pre-and after-filter are not included and to order separately.

The SEDAFILL desiccant bundles provide exactly the required amount of desiccant and activated carbon.

During regular maintenances the dew-point meter should be replaced by a new sensor type SP-ESH420. The oil test indicator tube (at DPS...A) is to order and replace separately, if necessary.

<i>maintenance kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SK-DPS1-4/1201</b>	DPS1 .. DPS4	12 months	81
<b>SK-DPS6-8/1201</b>	DPS6 .. DPS8	12 months	81
<b>SK-DPS1-4/2401</b>	DPS1 .. DPS4	24 months	81
<b>SK-DPS6-8/2401</b>	DPS6 .. DPS8	24 months	81
<b>SK-DPS1-4/4801</b>	DPS1 .. DPS4	48 months	81
<b>SK-DPS6-8/4801</b>	DPS6 .. DPS8	48 months	81
<i>filter silencer element (optional)</i>			
<b>SR-FSC15-20-KNX</b>	DPS6 .. DPS8 (FST DPS1 ..4 adapter required)	*optional	82
<i>sealing kit for dryer part (twin-profile)</i>			
<b>SR-SGP-DPS1-4</b>	DPS1 .. DPS4	if required	82
<b>SR-SGP-DPS6-8</b>	DPS6 .. DPS8	if required	82
<i>desiccant bundle</i>			
<b>SEDAPAC-2MS</b>	DPS1	2 kg 48 months	85
<b>SEDAPAC-4MS</b>	DPS2	4 kg 48 months	85
<b>SEDAFILL-2WS-4MS</b>	DPS3	6 kg 48 months	85
<b>SEDAFILL-2WS-6MS</b>	DPS4	8 kg 48 months	85
<b>SEDAFILL-2WS-12MS</b>	DPS6	14 kg 48 months	85
<b>SEDAFILL-4WS-12MS</b>	DPS7	16 kg 48 months	85
<b>SEDAFILL-4WS-15MS</b>	DPS8	19 kg 48 months	85
<i>indicator tube for oil vapour (only for DPS..A)</i>			
<b>SP-FAI-IOP02</b>	FST DPS1A .. DPS8A	if required	82
<i>sealing kit for cleaning stage (single profile, only at DPS...A)</i>			
<b>SR-SGP-DSS1-4</b>	FST Reinigerstufe DPS1A .. DPS4A	if required	82
<b>SR-SGP-DSS6-8</b>	FST Reinigerstufe DPS6A .. DPS8A	if required	82
<i>activated carbon bundle (for DPS..A)</i>			
<b>SEDAPAC-3A</b>	FST Reinigerstufe DPS1A .. DPS4A	3 kg 12 months	85
<b>SEDAFILL-6A</b>	FST Reinigerstufe DPS6A .. DPS8A	6 kg 12 months	85
<i>dew-point transmitter</i>			
<b>SP-ESH420</b>	Dtp. -100..+20°C, 4..20mA	12 months	82



## Adsorption

### Maintenance kits for FST adsorption dryer DPS 1-8, DPS 1-8 A

	service ticket C1 controller	inlet valve NO	expansion valve NC	non return valve	solenoid coil 230AC	silencer G ¾	silencer G ½	seal 90-twin-profile	seal 120-twin-profile	demister 90- twin-profile	demister 120- twin-profile	indicator tube oil vapour	seal 90-single profile	seal 120-single profile	demister 90-single profile	demister 120-single profile	SEDAPAC 2WS	SEDAPAC 4WS	SEDAPAC 2MS (1,7 kg)	SEDAPAC 4MS	SEDAPAC 15MS	SEDAPAC 3A	
<b>SK-DPS1-4/1201</b>	1					1																	
<b>SK-DPS6-8/1201</b>	1						1																
<b>SK-DPS1-4/2401</b>	1	2	2			1																	
<b>SK-DPS6-8/2401</b>	1	2	2				1																
<b>SK-DPS1-4/4801</b>	1	2	2	2	4	1		2		4													
<b>SK-DPS6-8/4801</b>	1	2	2	2	4		1		2		4												
<b>SR-FSC15-20-KNX</b>							*																
<b>SR-SGP-DPS1-4</b>								2		4													
<b>SR-SGP-DPS6-8</b>									2		4												
<b>SEDAPAC-2MS</b>																			1				
<b>SEDAPAC-4MS</b>																					1		
<b>SEDAFILL-2WS-4MS</b>																	1				1		
<b>SEDAFILL-2WS-6MS</b>																	1		1		1		
<b>SEDAFILL-2WS-12MS</b>																	1				3		
<b>SEDAFILL-4WS-12MS</b>																		1			3		
<b>SEDAFILL-4WS-15MS</b>																		1				1	
<b>SP-FAI-IOP02</b>																							1
<b>SR-SGP-DSS1-4</b>													2		2								
<b>SR-SGP-DSS6-8</b>														2		2							
<b>SEDAPAC-3A</b>																							1
<b>SEDAFILL-6A</b>																							2

## Adsorption

### Maintenance kits for FST breathing air systems DPS 1-8BI, DPS 1-8BM



Maintenance kits for DPS..BI (Breathing-Air-Industrial) and DPS..BM (Breathing-Air-Medical) series dryer sizes 1-8 contain all mechanical wear parts (valve parts) for each maintenance interval including the standard silencer for the dryer part of the breathing air system.

Optionally, FST breathing air systems can be equipped with a filter silencer. Filter elements for the pre-and after-filter are not included and to order separately.

The bulk material for the dryer part (SEDAFILL..AB) and the cleaning stage (SEDAFILL..A..CL) are to change according to the intervals indicated below. During regular maintenances the dew-point meter should be replaced by a new sensor type SP-ESH420.

<i>maintenance kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SK-DPS1-4/1201</b>	DPS1BI .. DPS4BI ; DPS1BM .. DPS4BM	12 months	81
<b>SK-DPS6-8/1201</b>	DPS6BI .. DPS8BI ; DPS6BM .. DPS8BM	12 months	81
<b>SK-DPS1-4/4801</b>	DPS1BI .. DPS4BI ; DPS1BM .. DPS4BM	24 months	81
<b>SK-DPS6-8/4801</b>	DPS6BI .. DPS8BI ; DPS6BM .. DPS8BM	24 months	81

#### *filter silencer element (optional)*

<b>SR-FSC15-20-KNX</b>	DPS6 .. DPS8 (*DPS1..4 adapter required)	optional	82
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#### *sealing kit for dryer part (twin-profile)*

<b>SR-SGP-DPS1-4</b>	DPS1BI .. DPS4BI ; DPS1BM .. DPS4BM	if required	82
<b>SR-SGP-DPS6-8</b>	DPS6BI .. DPS8BI ; DPS6BM .. DPS8BM	if required	82

#### *desiccant bundles for dryers DPS...BI and ...BM for breathing air applications*

<b>SEDAPAC-2AB</b>	DPS1BI ; DPS1BM	2 kg	24 months	85
<b>SEDAFILL-4AB</b>	DPS2BI ; DPS2BM	4 kg	24 months	85
<b>SEDAPAC-6AB</b>	DPS3BI ; DPS3BM	6 kg	24 months	85
<b>SEDAFILL-8AB</b>	DPS4BI ; DPS4BM	8 kg	24 months	85
<b>SEDAFILL-14AB</b>	DPS6BI ; DPS6BM	14 kg	24 months	85
<b>SEDAFILL-18AB</b>	DPS7BI ; DPS7BM	18 kg	24 months	85
<b>SEDAPAC-20AB</b>	DPS8BI ; DPS8BM	20 kg	24 months	85

#### *sealing kit for cleaning stage (single profile)*

<b>SR-SGP-DSS1-4</b>	DPS1A .. DPS4A	12 months	82
<b>SR-SGP-DSS6-8</b>	DPS6A .. DPS8A	12 months	82

#### *activated carbon and catalyser bundles for cleaning stages DPS...BI and ... medical breathing air BM*

<b>SEDAFILL-0.5A-0.4CL</b>	DPS1BI ; DPS1BM	0,9 kg	12 months	85
<b>SEDAFILL-1A-0.8CL</b>	DPS2BI ; DPS2BM	1,8 kg	12 months	85
<b>SEDAFILL-3A-1.2CL</b>	DPS3BI ; DPS3BM	4,2 kg	12 months	85
<b>SEDAFILL-3A-1.6CL</b>	DPS4BI ; DPS4BM	4,6 kg	12 months	85
<b>SEDAFILL-3A-2.4CL</b>	DPS6BI ; DPS6BM	5,4 kg	12 months	85
<b>SEDAFILL-3.5A-4CL</b>	DPS7BI ; DPS7BM	7,5 kg	12 months	85
<b>SEDAFILL-4A-4CL</b>	DPS8BI ; DPS8BM	8,0 kg	12 months	85

#### *dew-point transmitter*

<b>SP-ESH420</b>	dew-point -100..+20°C dp, 4..20mA	12 months	82
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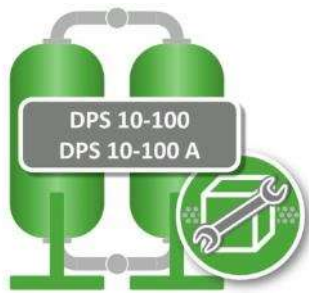
## Adsorption

### Maintenance kits for FST breathing air systems DPS 1-8BI, DPS 1-8BM

	service ticket C1 controller	inlet valve NO	expansion valve NC	non return valve	solenoid coil 230AC	silencer G ¾	silencer G ½	seal 90-twin-profile	seal 120-twin-profile	demister 90- twin-profile	demister 120- twin-profile	seal 90-single profile	seal 120-single profile	demister 90-single profile	demister 120-single profile	SEDAPAC 2AB	SEDAPAC 6AB	SEDAPAC 20AB	SEDAPAC 1A (0,5 kg)	SEDAPAC 3A	SEDAPAC-1CL (0,4 kg)	SEDAPAC-4CL	
SK-DPS1-4/1201	1					1																	
SK-DPS6-8/1201	1						1																
SK-DPS1-4/4801	1	2	2	2	4	1		2		4													
SK-DPS6-8/4801	1	2	2	2	4		1		2		4												
SR-FSC15-20-KNX						*	*																
SR-SGP-DPS1-4								2		4													
SR-SGP-DPS6-8									2		4												
SEDAPAC-2AB																1							
SEDAFILL-4AB																2							
SEDAPAC-6AB																	1						
SEDAFILL-8AB																1	1						
SEDAFILL-14AB																1	2						
SEDAFILL-18AB																	3						
SEDAPAC-20AB																		1					
SR-SGP-DSS1-4									2		2												
SR-SGP-DSS6-8										2													
SEDAFILL-0.5A-0.4CL																		1			1		
SEDAFILL-1A-0.8CL																		2			2		
SEDAFILL-3A-1.2CL																				1	3		
SEDAFILL-3A-1.6CL																				1	4		
SEDAFILL-3A-2.4CL																				1	6		
SEDAFILL-3.5A-4CL																		1	1			1	
SEDAFILL-4A-4CL																		2	1			1	

## Adsorption

### Maintenance kits for FST adsorption dryer DPS10-100, DPS10-100A



SK-DPS.. maintenance kits contain all mechanical wear parts required for the according service interval. The silencers and filter elements for pre- and after filters are not included and to order separately. SEDAFILL packs include the exact amount of desiccant or activated carbon. Flow distributors mounted into the vessels are not included and to order separately, if needed. During regular maintenances the dew-point meter should be replaced by a new sensor type SP-ESH420. The oil test indicator tube (at DPS..A) is to order and replace separately, if necessary.

<i>maintenance kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SK-DPS010-100/1201</b>	DPS10 .. DPS100 ; DPS10A .. DPS100A	12 months	81
<b>SK-DPS010-025/2401</b>	DPS10 .. DPS25 ; DPS10A .. DPS25A	24 months	81
<b>SK-DPS030-100/2401</b>	DPS30 .. DPS100; DPS30A .. DPS100A	24 months	81
<b>SK-DPS010-025/4801</b>	DPS10 .. DPS25 ; DPS10A .. DPS25A	48 months	81
<b>SK-DPS030-100/4801</b>	DPS30 .. DPS100; DPS30A .. DPS100A	48 months	81

#### *silencer*

<b>SP-FSC25</b>	DPS10 .. DPS25 ; DPS10A .. DPS25A	12 months	82
<b>SP-FSC40</b>	DPS30 .. DPS60 ; DPS30A .. DPS60A	12 months	82
<b>SP-FSC50</b>	DPS80 .. DPS100 ; DPS80A .. DPS100A	12 months	82

#### *desiccant bundle*

<b>SEDAFILL-6WS-23MS</b>	DPS10 ; DPS10A	29 kg	48 months	85
<b>SEDAFILL-6WS-30MS</b>	DPS15 ; DPS15A	36 kg	48 months	85
<b>SEDAFILL-8WS-40MS</b>	DPS20 ; DPS20A	48 kg	48 months	85
<b>SEDAFILL-12WS-49MS</b>	DPS25 ; DPS25A	61 kg	48 months	85
<b>SEDAFILL-16WS-62MS</b>	DPS30 ; DPS30A	78 kg	48 months	85
<b>SEDAFILL-18WS-75MS</b>	DPS40 ; DPS40A	93 kg	48 months	85
<b>SEDAFILL-26WS-111MS</b>	DPS60 ; DPS60A	137 kg	48 months	85
<b>SEDAFILL-36WS-142MS</b>	DPS80 ; DPS80A	178 kg	48 months	85
<b>SEDAFILL-40WS-200MS</b>	DPS100; DPS100A	240 kg	48 months	85

#### *flow distributor*

<b>SP-PWS25DPS-OMG</b>	DPS10 .. DPS25 ; DPS10A.. DPS25A	if required	82
<b>SP-PWS40DPS-OMG</b>	DPS30 .. DPS60 ; DPS30A .. DPS60A	if required	82
<b>SP-PWS50DPS-OMG</b>	DPS80 .. DPS100 ; DPS80A .. DPS100A	if required	82

\*1 piece is necessary for each vessel, for a desiccant change 2 pieces are required, for an activated carbon change (only at DPS..A) 1 piece is required

#### *indicator tube for oil vapour*

<b>SP-FAI-IOP02</b>	DPS10A .. DPS100A	if required	82
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#### *activated carbon bundle (for DPS..A)*

<b>SEDAPAC-10A</b>	DPS10A	10 kg	12 months	85
<b>SEDAFILL-13A</b>	DPS15A	13 kg	12 months	85
<b>SEDAFILL-16A</b>	DPS20A	16 kg	12 months	85
<b>SEDAFILL-20A</b>	DPS25A	20 kg	12 months	85
<b>SEDAFILL-26A</b>	DPS30A	26 kg	12 months	85
<b>SEDAFILL-30A</b>	DPS40A	30 kg	12 months	85
<b>SEDAFILL-43A</b>	DPS60A	43 kg	12 months	85
<b>SEDAFILL-56A</b>	DPS80A	56 kg	12 months	85
<b>SEDAFILL-76A</b>	DPS100A	76 kg	12 months	85

#### *dew-point transmitter*

<b>SP-ESH420</b>	dew-point -100..+20°C dp, 4..20mA	12 months	82
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## Adsorption

Maintenance kits for FST adsorption dryer DPS10-100, DPS10-100A

	service ticket C1 controller	pilot valve NO	pilot valve NC	solenoid coil 230 VAC	inlet valve NO DN32	inlet valve NO DN50	expansion valve NC DN32	expansion valve NC DN50	non return valve DN32	non return valve DN50	silencer G 1	silencer G 1 ½	silencer G 2	SEDAPAC 2WS	SEDAPAC 4WS	SEDAPAC 18WS	SEDAPAC 2MS (1,7 kg)	SEDAPAC 4MS	SEDAPAC 15MS	SEDAPAC 140MS	flow distributor G 1	flow distributor G 1 ½	flow distributor G 2	indicator tube oil vapour	SEDAPAC 3A	SEDAPAC 10A
SK-DPS010-100/1201	1	2	2																							
SK-DPS010-025/2401	1	2	2		2		2																			
SK-DPS030-100/2401	1	2	2			2		2																		
SK-DPS010-025/4801	1	2	2	4	2		2		2																	
SK-DPS030-100/4801	1	2	2	4		2		2		2																
SP-FSC25											1															
SP-FSC40												1														
SP-FSC50													1													
SEDAFILL-6WS-23MS														1	1			2	1							
SEDAFILL-6WS-30MS														1	1				2							
SEDAFILL-8WS-40MS															2		1	2	2							
SEDAFILL-12WS-49MS															3			1	3							
SEDAFILL-16WS-62MS															4		1		4							
SEDAFILL-18WS-75MS																1			5							
SEDAFILL-26WS-111MS															2	1	1	1	7							
SEDAFILL-36WS-142MS																2	1			1						
SEDAFILL-40WS-200MS															1	2			4	1						
SP-PWS25DPS-OMG																					1					
SP-PWS40DPS-OMG																						1				
SP-PWS50DPS-OMG																							1			
SP-FAI-IOP02																								1		
SEDAPAC-10A																										1
SEDAFILL-13A																									1	1
SEDAFILL-16A																									2	1
SEDAFILL-20A																										2
SEDAFILL-26A																									2	2
SEDAFILL-30A																										3
SEDAFILL-43A																									1	4
SEDAFILL-56A																									2	5
SEDAFILL-76A																									2	7

## Adsorption

### Maintenance kits for FST breathing air systems DPS10-100BI, DPS10-100BM



Maintenance kits for DPS..BI (Breathing Air Industrial) and DPS..BM (Breathing Air Medical) contain the mechanical wear parts for the dryer part of the breathing air treatment plant.

For a complete maintenance, the respective silencers, pre- and after-filters are not included and to order separately.

The bulk material for the dryer part (SEDAFILL..AB) and the cleaning stage (SEDAFILL..A..CL) is to change according to the intervals indicated below. During a change of desiccant or cleaner, the flow distributors, if needed, have to be order in addition to the desiccant bundles. During regular maintenances the dew-point meter should be replaced by a new sensor type SP-ESH420.

<i>maintenance kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SK-DPS010-100/1201</b>	DPS10BI .. DPS100BI ; DPS10BM .. DPS100BM	12 months	81
<b>SK-DPS010-025/4801</b>	DPS10BI .. DPS25BI ; DPS10BM .. DPS25BM	24 months	81
<b>SK-DPS030-100/4801</b>	DPS10BI .. DPS25BI ; DPS10BM .. DPS25BM	24 months	81

#### *silencer*

<b>SP-FSC25</b>	DPS10BI .. DPS25BI ; DPS10BM .. DPS25BM	12 months	82
<b>SP-FSC40</b>	DPS30BI .. DPS60BI ; DPS30BM .. DPS60BM	12 months	82
<b>SP-FSC50</b>	DPS80BI .. DPS100BI ; DPS80BI .. DPS100BM	12 months	82

#### *desiccant bundles for dryers DPS...BI and ...BM for breathing air applications*

<b>SEDAFILL-30AB</b>	DPS10BI ; DPS10BM	30 kg	24 months	85
<b>SEDAFILL-38AB</b>	DPS15BI ; DPS15BM	38 kg	24 months	85
<b>SEDAFILL-52AB</b>	DPS20BI ; DPS20BM	52 kg	24 months	85
<b>SEDAFILL-66AB</b>	DPS25BI ; DPS25BM	66 kg	24 months	85
<b>SEDAFILL-80AB</b>	DPS30BI ; DPS30BM	80 kg	24 months	85
<b>SEDAFILL-100AB</b>	DPS40BI ; DPS40BM	100 kg	24 months	85
<b>SEDAPAC-150AB</b>	DPS60BI ; DPS60BM	150 kg	24 months	85
<b>SEDAFILL-190AB</b>	DPS80BI ; DPS80BM	190 kg	24 months	85
<b>SEDAFILL-250AB</b>	DPS100BI ; DPS100BM	250 kg	24 months	85

#### *flow distributor*

<b>SP-PWS25DPS-OMG</b>	DPS10-25BI/BM	if required	82
<b>SP-PWS40DPS-OMG</b>	DPS30-60BI/BM	if required	82
<b>SP-PWS50DPS-OMG</b>	DPS80-100BI/BM	if required	82

\*1 piece is necessary for each vessel, for a desiccant change 2 pieces are required, for the cleaning stage 1 piece is necessary

#### *activated carbon and catalyser bundles for cleaning stage DPS...BI and ...BM*

<b>SEDAFILL-6A-5.6CL</b>	DPS10BI ; DPS10BM	11,6 kg	12 months	85
<b>SEDAFILL-9A-8CL</b>	DPS15BI ; DPS15BM	15,5 kg	12 months	85
<b>SEDAFILL-10A-9.6CL</b>	DPS20BI ; DPS20BM	19,6 kg	12 months	85
<b>SEDAFILL-13A-12CL</b>	DPS25BI ; DPS25BM	25,0 kg	12 months	85
<b>SEDAFILL-16A-16CL</b>	DPS30BI ; DPS30BM	32,0 kg	12 months	85
<b>SEDAFILL-20A-20CL</b>	DPS40BI ; DPS40BM	40,0 kg	12 months	85
<b>SEDAFILL-30A-28CL</b>	DPS60BI ; DPS60BM	58,0 kg	12 months	85
<b>SEDAFILL-40A-36CL</b>	DPS80BI ; DPS80BM	76,0 kg	12 months	85
<b>SEDAFILL-50A-48CL</b>	DPS100BI ; DPS100BM	99,0 kg	12 months	85

#### *dew-point transmitter*

<b>SP-ESH420</b>	dew-point -100..+20°C dp, 4..20mA	12 months	82
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## Adsorption

Maintenance kits for FST breathing air systems DPS10-100BI, DPS10-100BM

	service ticket C1 controller	pilot valve NO	pilot valve NC	solenoid coil 230 VAC	inlet valve NO DN32	inlet valve NO DN50	expansion valve NC DN32	expansion valve NC DN50	non return valve DN32	non return valve DN50	silencer G 1	silencer G 1 ½	silencer G 2	SEDAPAC 2AB	SEDAPAC 6AB (5,8 kg)	SEDAPAC 20AB	SEDAPAC 150AB	flow distributor G 1	flow distributor G 1 ½	flow distributor G 2	SEDAPAC 3A	SEDAPAC 10A	SEDAPAC 1CL (0,4 kg)	SEDAPAC 4CL
SK-DPS010-100/1201	1	2	2																					
SK-DPS010-025/4801	1	2	2	4	2		2		2															
SK-DPS030-100/4801	1	2	2	4		2		2		2														
SP-FSC25											1													
SP-FSC40												1												
SP-FSC50													1											
SEDAFILL-30AB														2	1	1								
SEDAFILL-38AB															3	1								
SEDAFILL-52AB															2	2								
SEDAFILL-66AB															1	3								
SEDAFILL-80AB																4								
SEDAFILL-100AB																5								
SEDAPAC-150AB																	1							
SEDAFILL-190AB																2	1							
SEDAFILL-250AB																5	1							
SP-PWS25DPS-OMG																		1						
SP-PWS40DPS-OMG																			1					
SP-PWS50DPS-OMG																				1				
SEDAFILL-6A-5.6CL																					2		4	1
SEDAFILL-9A-8CL																					3			2
SEDAFILL-10A-9.6CL																						1	4	2
SEDAFILL-13A-12CL																					1	1		3
SEDAFILL-16A-16CL																					2	1		4
SEDAFILL-20A-20CL																						2		5
SEDAFILL-30A-28CL																						3		7
SEDAFILL-40A-36CL																						4		9
SEDAFILL-50A-48CL																						5		12

## Adsorption

### Maintenance kits for FST adsorption dryer DPS120-630



SK-DPS.. maintenance kits contain all mechanical wear parts required for the according service interval. The silencers and filter elements for pre- and after filters are not included and should be ordered separately after 12 months.

SEDAFILL packs that, in dependence of the maintenance interval, are needed additionally contain the exact amount of desiccant.

Flow distributors and flange gaskets are not included and to order separately, if needed. During regular maintenances the dew-point meter should be replaced by a new sensor type SP-ESH420.

<i>maintenance kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SK-DPS120-630/1201</b>	DPS120 .. DPS630	12 months	81
<b>SK-DPS120/2401</b>	DPS120	24 months	81
<b>SK-DPS150-290/2401</b>	DPS150 .. DPS290	24 months	81
<b>SK-DPS370-510/2401</b>	DPS370 .. DPS510	24 months	81
<b>SK-DPS630/2401</b>	DPS630	24 months	81
<b>SK-DPS120/4801</b>	DPS120	48 months	81
<b>SK-DPS150-210/4801</b>	DPS150 .. DPS210	48 months	81
<b>SK-DPS240-290/4801</b>	DPS240 .. 290	48 months	81
<b>SK-DPS370-510/4801</b>	DPS370 .. DPS510	48 months	81
<b>SK-DPS630/4801</b>	DPS630	48 months	81

#### *silencer*

<b>SP-FSC40</b>	DPS120	quantity needed	2	12 months	81
	DPS150 .. DPS210	quantity needed	2	12 months	81
<b>SP-FSC50</b>	DPS240	quantity needed	3	12 months	81
	DPS290 .. DPS510	quantity needed	4	12 months	81
	DPS630	quantity needed	6	12 months	81

#### *desiccant bundles*

<b>SEDAFILL-54WS-245MS</b>	DPS120	299 kg	48 months	85
<b>SEDAFILL-72WS-295MS</b>	DPS150	367 kg	48 months	85
<b>SEDAFILL-94WS-420MS</b>	DPS210	514 kg	48 months	85
<b>SEDAFILL-130WS-473MS</b>	DPS240	603 kg	48 months	85
<b>SEDAFILL-130WS-594MS</b>	DPS290	724 kg	48 months	85
<b>SEDAFILL-170WS-745MS</b>	DPS370	915 kg	48 months	85
<b>SEDAFILL-260WS-988MS</b>	DPS510	1248 kg	48 months	85
<b>SEDAFILL-296WS-1260MS</b>	DPS630	1556 kg	48 months	85

#### *flow distributor incl. 2 flange gaskets*

<b>SK-PWS/PWG050</b>	DPS120	if required	81
<b>SK-PWS/PWG065</b>	DPS150 .. DPS210	if required	81
<b>SK-PWS/PWG080</b>	DPS240 .. DPS290	if required	81
<b>SK-PWS/PWG100</b>	DPS370 .. DPS510	if required	81
<b>SK-PWS/PWG125</b>	DPS630	if required	81

\*1 piece is necessary for each vessel, for a desiccant change 2 pieces are necessary

#### *gasket kits (flat gasket DIN flange)*

<b>SK-PWG050-8</b>	DPS120	48 months	81
<b>SK-PWG065-8</b>	DPS150-DPS210	48 months	81
<b>SK-PWG080-8</b>	DPS240-DPS290	48 months	81
<b>SK-PWG100-8</b>	DPS370-DPS510	48 months	81
<b>SK-PWG125-8</b>	DPS630	48 months	81

#### *dew-point transmitter*

<b>SP-ESH420</b>	dew-point -100..+20°C dp, 4..20mA	12 months	82
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#### *Other spare parts if required*

<b>SP-VVB230/3-WVM07-REX</b>	Complete pilot valve 230V/50Hz	if required	82
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## Adsorption

### Maintenance kits for FST adsorption dryer DPS120-630

	service ticket	C1 controller	pilot valve NC	control valve block	control air filter	rep. kit expansion G1 1/2	rep. kit expansion G2	rep. kit expansion DN65	rep. kit expansion DN80	non return valve DN50	non return valve DN65	non return valve DN80	non return valve DN100	non return valve DN125	silencer G1 1/2	silencer G2	SEDAPAC 4WS	SEDAPAC 18WS	SEDAPAC 130WS	SEDAPAC 4MS	SEDAPAC 15MS	SEDAPAC 140MS	flow distributor DN50	flow distributor DN65	flow distributor DN80	flow distributor DN100	flow distributor DN125	flange gasket				
<b>SK-DPS120-630/1201</b>	1	4		1																												
<b>SK-DPS120/2401</b>	1	4		1	2																											
<b>SK-DPS150-290/2401</b>	1	4		1		2																										
<b>SK-DPS370-510/2401</b>	1	4		1			2																									
<b>SK-DPS630/2401</b>	1	4		1				2																								
<b>SK-DPS120/4801</b>	1		1	1	2					2																						
<b>SK-DPS150-210/4801</b>	1		1	1		2					2																					
<b>SK-DPS240-290/4801</b>	1		1	1		2						2																				
<b>SK-DPS370-510/4801</b>	1		1	1			2						2																			
<b>SK-DPS630/4801</b>	1		1	1				2						2																		
<b>SP-FSC40</b>	quantity needed for DPS120														2																	
<b>SP-FSC50</b>	quantity needed for DPS150 .. DPS210															2																
<b>SP-FSC50</b>	quantity needed for DPS240																3															
<b>SP-FSC50</b>	quantity needed for DPS290 .. DPS510																	4														
<b>SP-FSC50</b>	quantity needed for DPS630																		6													
<b>SEDAFILL-54WS-245MS</b>																		3			7	1										
<b>SEDAFILL-72WS-295MS</b>																		4			1	2										
<b>SEDAFILL-94WS-420MS</b>																	1	5				3										
<b>SEDAFILL-130WS-473MS</b>																			1	2	3	3										
<b>SEDAFILL-130WS-594MS</b>																			1	1	2	4										
<b>SEDAFILL-170WS-745MS</b>																	1	2	1		3	5										
<b>SEDAFILL-260WS-988MS</b>																			2	2		7										
<b>SEDAFILL-296WS-1260MS</b>																		2	2			9										
<b>SK-PWS/PWG050</b>																						1						2				
<b>SK-PWS/PWG065</b>																								1				2				
<b>SK-PWS/PWG080</b>																									1			2				
<b>SK-PWS/PWG100</b>																										1		2				
<b>SK-PWS/PWG125</b>																											1	2				
<b>SK-PWG050-8</b>																												8				
<b>SK-PWG065-8</b>																												8				
<b>SK-PWG080-8</b>																												8				
<b>SK-PWG100-8</b>																												8				
<b>SK-PWG125-8</b>																												8				

## Adsorption

### Maintenance kits for FST oil vapour adsorber DSS1-8, DSS10-630



SK-DSS.. maintenance kits contain all mechanical wear parts (gaskets and demister) for the maintenance of oil vapour adsorbers of size 1-8. SEDAFILL bundles offer the exact amount of activated carbon. In addition, there are flow distributors (from DN50 including flange gaskets) and indicator tubes available. The oil test indicator tube is to order and replace separately, if necessary.

<i>maintenance kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SK-DSS1-4/1201</b>	DSS1A .. DSS4A	12 months	81
<b>SK-DSS6-8/1201</b>	DSS6A .. DSS8A	12 months	81

#### *activated carbon bundle (for model DSS..A)*

<b>SEDAPAC-3A</b>	DSS1A .. DSS4A	3 kg	12 months	85
<b>SEDAFILL-6A</b>	DSS6A .. DSS8A	6 kg	12 months	85
<b>SEDAPAC-10A</b>	DSS10A	10 kg	12 months	85
<b>SEDAFILL-13A</b>	DSS15A	13 kg	12 months	85
<b>SEDAFILL-16A</b>	DSS20A	16 kg	12 months	85
<b>SEDAFILL-20A</b>	DSS25A	20 kg	12 months	85
<b>SEDAFILL-26A</b>	DSS30A	26 kg	12 months	85
<b>SEDAFILL-30A</b>	DSS40A	30 kg	12 months	85
<b>SEDAFILL-43A</b>	DSS60A	43 kg	12 months	85
<b>SEDAFILL-56A</b>	DSS80A	56 kg	12 months	85
<b>SEDAFILL-76A</b>	DSS100A	76 kg	12 months	85
<b>SEDAPAC-100A</b>	DSS120A	100 kg	12 months	85
<b>SEDAFILL-120A</b>	DSS150A	120 kg	12 months	85
<b>SEDAFILL-170A</b>	DSS210A	170 kg	12 months	85
<b>SEDAFILL-200A</b>	DSS240A	200 kg	12 months	85
<b>SEDAFILL-240A</b>	DSS290A	240 kg	12 months	85
<b>SEDAFILL-300A</b>	DSS370A	300 kg	12 months	85
<b>SEDAFILL-410A</b>	DSS510A	410 kg	12 months	85
<b>SEDAFILL-500A</b>	DSS630A	500 kg	12 months	85

#### *flow distributor*

<b>SP-PWS25DPS-OMG</b>	DSS10A .. DSS25A	if required	82
<b>SP-PWS40DPS-OMG</b>	DSS30A .. DSS60A	if required	82
<b>SP-PWS50DPS-OMG</b>	DSS80A .. DSS100A	if required	82
<b>SK-PWS/PWG050</b>	DSS120	if required	81
<b>SK-PWS/PWG065</b>	DSS150A .. DSS210A	if required	81
<b>SK-PWS/PWG080</b>	DSS240A .. DSS290A	if required	81
<b>SK-PWS/PWG100</b>	DSS370A .. DSS510A	if required	81
<b>SK-PWS/PWG125</b>	DSS630A	if required	81

#### *indicator tube for oil vapour*

<b>SP-FAI-IOP02</b>	DSS1A .. DSS630A	if required	82
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## Adsorption

### Maintenance kits for FST oil vapour adsorber DSS1-8, DSS10-630

	seal 90-single profile	seal 120-single profile	seal 90-single profile	demister 120-single profile	SEDAPAC 3A	SEDAPAC 10A	SEDAPAC 100A	flow distributor G 1	flow distributor G 1 ½	flow distributor G 2	flow distributor DN50	flow distributor DN65	flow distributor DN80	flow distributor DN100	flow distributor DN125	flange gasket DN50	flange gasket DN65	flange gasket DN80	flange gasket DN100	flange gasket DN125
SK-DSS1-4/1201	2		2																	
SK-DSS6-8/1201		2		2																
SEDAPAC-3A					1															
SEDAFILL-6A					2															
SEDAPAC-10A						1														
SEDAFILL-13A					1	1														
SEDAFILL-16A					2	1														
SEDAFILL-20A						2														
SEDAFILL-26A					2	2														
SEDAFILL-30A						3														
SEDAFILL-43A					1	4														
SEDAFILL-56A					2	5														
SEDAFILL-76A					2	7														
SEDAPAC-100A							1													
SEDAFILL-120A						2	1													
SEDAFILL-170A						7	1													
SEDAFILL-200A							2													
SEDAFILL-240A						4	2													
SEDAFILL-300A							3													
SEDAFILL-410A						1	4													
SEDAFILL-500A							5													
SP-PWS25DPS-OMG								1												
SP-PWS40DPS-OMG									1											
SP-PWS50DPS-OMG										1										
SK-PWS/PWG050											1					2				
SK-PWS/PWG065												1					2			
SK-PWS/PWG080													1					2		
SK-PWS/PWG100														1					2	
SK-PWS/PWG125															1					2

## Adsorption

### Maintenance kits for FST oil vapour-adsorber DSS85-1470



The required SEDAFILL packs offer the accurate amount of activated carbon. In addition, there are flow distributors including flange gaskets and indicator tubes for the oil indicator available.

<i>activated carbon bundle (for model DSS..A)</i>	<i>suitable for</i>		<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SEDAPAC-100A</b>	DSS85A	100 kg	12 months	85
<b>SEDAFILL-130A</b>	DSS125A	130 kg	12 months	85
<b>SEDAFILL-160A</b>	DSS155A	160 kg	12 months	85
<b>SEDAFILL-230A</b>	DSS215A	230 kg	12 months	85
<b>SEDAFILL-260A</b>	DSS250A	260 kg	12 months	85
<b>SEDAFILL-313A</b>	DSS300A	313 kg	12 months	85
<b>SEDAFILL-403A</b>	DSS380A	403 kg	12 months	85
<b>SEDAFILL-460A</b>	DSS430A	460 kg	12 months	85
<b>SEDAFILL-510A</b>	DSS500A	510 kg	12 months	85
<b>SEDAFILL-553A</b>	DSS540A	553 kg	12 months	85
<b>SEDAFILL-710A</b>	DSS650A	710 kg	12 months	85
<b>SEDAFILL-800A</b>	DSS720A	800 kg	12 months	85
<b>SEDAFILL-940A</b>	DSS860A	940 kg	12 months	85
<b>SEDAFILL-1030A</b>	DSS940A	1030 kg	12 months	85
<b>SEDAFILL-1230A</b>	DSS1100A	1230 kg	12 months	85
<b>SEDAFILL-1440A</b>	DSS1280A	1440 kg	12 months	85
<b>SEDAFILL-1660A</b>	DSS1470A	1660 kg	12 months	85
<i>flow distributor incl. 2 flange gaskets</i>				
<b>SK-PWS/PWG050</b>	DSS85		if required	81
<b>SK-PWS/PWG080</b>	DSS125A .. DSS215A		if required	81
<b>SK-PWS/PWG100</b>	DSS250A .. DSS380A		if required	81
<b>SK-PWS/PWG150</b>	DSS430A .. DSS720A		if required	81
<b>SK-PWS/PWG200</b>	DSS860A .. DSS1470A		if required	81
<i>indicator tube for oil vapour</i>				
<b>SP-FAI-IOP02</b>	DSS85A .. DSS1470A		if required	82

## Adsorption

### Maintenance kits for FST oil vapour-adsorber DSS85-1470

	SEDAPAC 3A	SEDAPAC 10A	SEDAPAC 100A	flow distributor DN50	flow distributor DN80	flow distributor DN100	flow distributor DN150	flow distributor DN200	flange gasket DN50	flange gasket DN80	flange gasket DN100	flange gasket DN150	flow distributor DN50
<b>SEDAPAC-100A</b>			1										
<b>SEDAFILL-130A</b>		3	1										
<b>SEDAFILL-160A</b>		6	1										
<b>SEDAFILL-230A</b>		3	2										
<b>SEDAFILL-260A</b>		6	2										
<b>SEDAFILL-313A</b>	1	1	3										
<b>SEDAFILL-403A</b>	1		4										
<b>SEDAFILL-460A</b>		6	4										
<b>SEDAFILL-510A</b>		1	5										
<b>SEDAFILL-553A</b>	1	5	5										
<b>SEDAFILL-710A</b>		1	7										
<b>SEDAFILL-800A</b>			8										
<b>SEDAFILL-940A</b>		4	9										
<b>SEDAFILL-1030A</b>		3	10										
<b>SEDAFILL-1230A</b>		3	12										
<b>SEDAFILL-1440A</b>		4	14										
<b>SEDAFILL-1660A</b>		6	16										
<b>SK-PWS/PWG050</b>				1					2				
<b>SK-PWS/PWG080</b>					1					2			
<b>SK-PWS/PWG100</b>						1					2		
<b>SK-PWS/PWG150</b>							1					2	
<b>SK-PWS/PWG200</b>								1					2

## Adsorption

### Maintenance kits for FST adsorption dryer DTS45-1470V and DTS45-1470BVL



SK-DTS ..V maintenance kits contain all mechanical wear parts for each maintenance interval. Filter elements for pre- and after filters are not included and must be ordered separately after 12 months. During regular maintenances the dew-point meter should be replaced by a new sensor type SP-ESH420.

<i>maintenance kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SK-DTS0045-0380V/1201</b>	DTS45V .. DTS0380V	12 months	81
<b>SK-DTS0430-1100V/1201</b>	DTS0430V .. DTS1100V	12 months	81
<b>SK-DTS1280-1470V/1201</b>	DTS1280V .. DTS1470V	12 months	81
<b>SK-DTS0045-0380V/2401</b>	DTS45V .. DTS380V	24 months	81
<b>SK-DTS0430-0720V/2401</b>	DTS430V .. DTS720V	24 months	81
<b>SK-DTS0860-1100V/2401</b>	DTS860V .. 1100V	24 months	81
<b>SK-DTS1280-1470V/2401</b>	DTS1280V .. 1470V	24 months	81
<b>SK-DTS0045-0055V/4801</b>	DTS45V .. DTS55V	48 months	81
<b>SK-DTS0065-0085V/4801</b>	DTS65V .. DTS85V	48 months	81
<b>SK-DTS0125-0215V/4801</b>	DTS125V .. DTS215V	48 months	81
<b>SK-DTS0250-0380V/4801</b>	DTS250V .. DTS380V	48 months	81
<b>SK-DTS0430-0720V/4801</b>	DTS430V .. DTS720V	48 months	81
<b>SK-DTS0860-1100V/4801</b>	DTS860V .. DTS1100V	48 months	81
<b>SK-DTS1280-1470V/4801</b>	DTS1280V .. DTS1470V	48 months	81
<b>SK-DTS0045-0380BVL/1201</b>	DTS45BLV .. DTS380BVL	12 months	81
<b>SK-DTS0430-1100BVL/1201</b>	DTS430BVL .. DTS1100BVL	12 months	81
<b>SK-DTS1280-1470BVL/1201</b>	DTS1280BVL .. DTS1470BVL	12 months	81
<b>SK-DTS0045-0380BVL/2401</b>	DTS45BVL .. DTS380BVL	24 months	81
<b>SK-DTS0430-0720BVL/2401</b>	DTS430BVL .. DTS720BVL	24 months	81
<b>SK-DTS0860-1100BVL/2401</b>	DTS860BVL .. 1100BVL	24 months	81
<b>SK-DTS1280-1470BVL/2401</b>	DTS1280BVL .. 1470BVL	24 months	81
<b>SK-DTS0045-0055BVL/4801</b>	DTS45BVL .. DTS55BVL	48 months	81
<b>SK-DTS0065-0085BVL/4801</b>	DTS65BVL .. DTS85BVL	48 months	81
<b>SK-DTS0125-0215BVL/4801</b>	DTS125BVL .. DTS215BVL	48 months	81
<b>SK-DTS0250-0380BVL/4801</b>	DTS250BVL .. DTS380BVL	48 months	81
<b>SK-DTS0430-0720BVL/4801</b>	DTS430BVL .. DTS720BVL	48 months	81
<b>SK-DTS0860-1100BVL/4801</b>	DTS860BVL .. DTS1100BVL	48 months	81
<b>SK-DTS1280-1470BVL/4801</b>	DTS1280BVL .. DTS1470BVL	48 months	81
<i>dew-point transmitter</i>			
<b>SP-ESH420</b>	dew-point -100..+20°C dp, 4..20mA	12 months	82

## Adsorption

Maintenance kits for FST adsorption dryer DTS45-1470V and DTS45-1470BVL

Adso  
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	control air filter EFST25 XN	pilot valve (2x 3/2-way)	silencer element SP-F5C25	silencer element SP-F5C50 2"	rep. kit expansion valve 1/4"	rep. kit expansion valve 3/8"	rep. kit expansion valve 1"	rep. kit pressurisation valve 1/2"	rep. kit pressurisation valve 3/4"	rep. kit flap valve DN 40	rep. kit flap valve DN 50	rep. kit flap valve DN 80	rep. kit flap valve DN 100	rep. kit flap valve DN 150	rep. kit flap valve DN 200	non-return flap DN 40	non-return flap DN 50	non-return flap DN 80	non-return flap DN 100	non-return flap DN 150	non-return flap DN 200	rep. kit flap valve V3-HT DN 40	rep. kit flap valve V3-HT DN 50	rep. kit flap valve V3-HT DN 80	rep. kit flap valve V3-HT DN 100	rep. kit flap valve V3-HT DN 150	rep. kit flap valve V3-HT DN 200	
SK-DTS0045-0380V/1201	1	3*	1																									
SK-DTS0430-1100V/1201	1	3*		1																								
SK-DTS1280-1470V/1201	1	6	4																									
SK-DTS0045-0380V/2401	1	3*	1		1			1																				
SK-DTS0430-0720V/2401	1	3*		1		1			1																			
SK-DTS0860-1100V/2401	1	3*		1				1		1																		
SK-DTS1280-1470V/2401	1	6	4					2		1																		
SK-DTS0045-0055V/4801	1	3*	1		1				1		1					1												
SK-DTS0065-0085V/4801	1	3*	1		1				1		1						1											
SK-DTS0125-0215V/4801	1	3*	1		1				1			1						1										
SK-DTS0250-0380V/4801	1	3*	1		1				1				1						1									
SK-DTS0430-0720V/4801	1	3*		1		1			1				1							1								
SK-DTS0860-1100V/4801	1	3*		1				1		1					1						1							
SK-DTS1280-1470V/4801	1	6	4					2		1					4						4							
SK-DTS0045-0380BVL/1201	1	4*	1																									
SK-DTS0430-1100BVL/1201	1	4*		1																								
SK-DTS1280-1470BVL/1201	1	7*	4																									
SK-DTS0045-0380BVL/2401	1	4*	1		1				1																			
SK-DTS0430-0720BVL/2401	1	4*		1		1				1																		
SK-DTS0860-1100BVL/2401	1	4*		1				1			1																	
SK-DTS1280-1470BVL/2401	1	7*	4					2		1																		
SK-DTS0045-0055BVL/4801	1	4*	1		1				1													1						
SK-DTS0065-0085BVL/4801	1	4*	1		1				1														1					
SK-DTS0125-0215BVL/4801	1	4*	1		1				1															1				
SK-DTS0250-0380BVL/4801	1	4*	1		1				1																1			
SK-DTS0430-0720BVL/4801	1	4*		1		1			1																	1		
SK-DTS0860-1100BVL/4801	1	4*		1				1		1																	1	
SK-DTS1280-1470BVL/4801	1	7*	4					2		1					4													2

\*) if the dryer should be equipped with a steam heat exchanger for heat regeneration air, 1 pilot valve SP-VPS3/2F-HF04/024 has to be ordered additionally

## Adsorption

### Wartungspakete für FST Adsorptionstrockner DTS45-1470V und DTS45-1470BVL



SEDAFILL desiccants offer the exact quantity of desiccant for the respective type of dryer. The maintenance interval usually comprises 60 months.

Flow distributors and flange gaskets are not included and to order separately, if needed

<i>desiccant bundle</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SEDAFILL-44WS-100N</b>	DTS45V ; DTS45BVL	144 kg 60 months	85
<b>SEDAFILL-58WS-120N</b>	DTS55V ; DTS55BVL	178 kg 60 months	85
<b>SEDAFILL-58WS-170N</b>	DTS65V ; DTS65BVL	228 kg 60 months	85
<b>SEDAFILL-90WS-190N</b>	DTS85V ; DTS85BVL	280 kg 60 months	85
<b>SEDAFILL-138WS-290N</b>	DTS125V ; DTS125BVL	428 kg 60 months	85
<b>SEDAFILL-148WS-380N</b>	DTS155V ; DTS155BVL	528 kg 60 months	85
<b>SEDAFILL-220WS-530N</b>	DTS215V ; DTS215BVL	750 kg 60 months	85
<b>SEDAFILL-260WS-620N</b>	DTS250V ; DTS250BVL	880 kg 60 months	85
<b>SEDAFILL-314WS-740N</b>	DTS300V ; DTS300BVL	1054 kg 60 months	85
<b>SEDAFILL-390WS-960N</b>	DTS380V ; DTS380BVL	1350 kg 60 months	85
<b>SEDAFILL-426WS-1090N</b>	DTS430V ; DTS430BVL	1516 kg 60 months	85
<b>SEDAFILL-520WS-1240N</b>	DTS500V ; DTS500BVL	1760 kg 60 months	85
<b>SEDAFILL-556WS-1350N</b>	DTS540V ; DTS540BVL	1906 kg 60 months	85
<b>SEDAFILL-650WS-1730N</b>	DTS650V ; DTS650BVL	2376 kg 60 months	85
<b>SEDAFILL-780WS-1840N</b>	DTS720V ; DTS720BVL	2620 kg 60 months	85
<b>SEDAFILL-910WS-2250N</b>	DTS860V ; DTS860BVL	3160 kg 60 months	85
<b>SEDAFILL-1040WS-2400N</b>	DTS940V ; DTS940BVL	3460 kg 60 months	85
<b>SEDAFILL-1170WS-2850N</b>	DTS1100V ; DTS1100BVL	4020 kg 60 months	85
<b>SEDAFILL-1358WS-3300N</b>	DTS1280V ; DTS1280BVL	4658 kg 60 months	85
<b>SEDAFILL-1484WS-3900N</b>	DTS1470V ; DTS1470BVL	5384 kg 60 months	85

#### *flow distributor incl. 2 flange gaskets*

<b>SK-PWS/PWG040/HT</b>	DTS45V .. DTS55V ; DTS45BVL .. DTS55BVL	if required	81
<b>SK-PWS/PWG050/HT</b>	DTS65V .. DTS85V ; DTS65BVL .. DTS85BVL	if required	81
<b>SK-PWS/PWG080/HT</b>	DTS125V .. DTS215V ; DTS125BVL .. DTS215BVL	if required	81
<b>SK-PWS/PWG100/HT</b>	DTS250V .. DTS380V ; DTS250BVL .. DTS380BVL	if required	81
<b>SK-PWS/PWG150/HT</b>	DTS430V .. DTS720V ; DTS430BVL .. DTS720BVL	if required	81
<b>SK-PWS/PWG200/HT</b>	DTS860V .. DTS1470V ; DTS860BVL .. DTS1470BVL	if required	81

#### *Set of flange gaskets graphite*

<b>SK-PWG040/GP-16</b>	DTS45V .. DTS55V ; DTS45BVL .. DTS55BVL	if required	81
<b>SK-PWG050/GP-16</b>	DTS65V .. DTS85V ; DTS65BVL .. DTS85BVL	if required	81
<b>SK-PWG080/GP-16</b>	DTS125V .. DTS215V ; DTS125BVL .. DTS215BVL	if required	81
<b>SK-PWG100/GP-16</b>	DTS250V .. DTS380V ; DTS250BVL .. DTS380BVL	if required	81
<b>SK-PWG150/GP-16</b>	DTS430V .. DTS720V ; DTS430BVL .. DTS720BVL	if required	81
<b>SK-PWG200/GP-16</b>	DTS860V .. DTS1470V ; DTS860BVL .. DTS1470BVL	if required	81



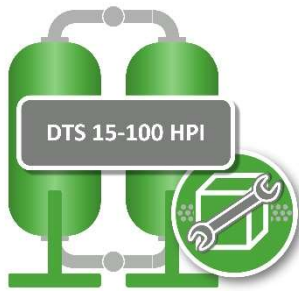
## Adsorption

Maintenance kits for FST adsorption dryer DTS45-1470V and DTS45-1470BVL

	SEDAPAC-4WS	SEDAPAC-18WS	SEDAPAC-130WS	SEDAPAC-20N	SEDAPAC-150N	flow distributor DN 40	flow distributor DN 50	flow distributor DN 80	flow distributor DN 100	flow distributor DN 150	flow distributor DN 200	flange gasket DN 40	flange gasket DN 50	flange gasket DN 80	flange gasket DN 100	flange gasket DN 150	flange gasket DN 200	
SEDAFILL-44WS-100N	2	2		5														
SEDAFILL-58WS-120N	1	3		6														
SEDAFILL-58WS-170N	1	3		1	1													
SEDAFILL-90WS-190N		5		2	1													
SEDAFILL-138WS-290N	2		1	7	1													
SEDAFILL-148WS-380N		1	1	4	2													
SEDAFILL-220WS-530N		5	1	4	3													
SEDAFILL-260WS-620N			2	1	4													
SEDAFILL-314WS-740N		3	2	7	4													
SEDAFILL-390WS-960N			3	3	6													
SEDAFILL-426WS-1090N		2	3	2	7													
SEDAFILL-520WS-1240N			4	2	8													
SEDAFILL-556WS-1350N		2	4		9													
SEDAFILL-650WS-1730N			5	4	11													
SEDAFILL-780WS-1840N			6	2	12													
SEDAFILL-910WS-2250N			7		15													
SEDAFILL-1040WS-2400N			8		16													
SEDAFILL-1170WS-2850N			9		19													
SEDAFILL-1358WS-3300N	1	3	10		22													
SEDAFILL-1484WS-3900N		3	11		26													
SK-PWS/PWG040/HT						1						2						
SK-PWS/PWG050/HT							1						2					
SK-PWS/PWG080/HT								1						2				
SK-PWS/PWG100/HT									1						2			
SK-PWS/PWG150/HT										1						2		
SK-PWS/PWG200/HT											1						2	
SK-PWG040/GP-16												16						
SK-PWG050/GP-16													16					
SK-PWG080/GP-16														16				
SK-PWG100/GP-16															16			
SK-PWG100/GP-16																16		
SK-PWG200/GP-16																	16	

## Adsorption

### Maintenance kits for FST adsorption dryer DTS15-100HPI



SK-DTS-HPI .. Maintenance packages for DTS-HPI dryers are designed for annual maintenance with a total maintenance interval of 48 months. After the use of a 48-month maintenance package, the next upcoming maintenance starts all over again.

Maintenance packages contain all mechanical wear parts, as well as electric heaters and suitable sealing rings. The silencers and filter elements of the pre- and after-filters must be ordered separately.

The SEDAFILL containers contain the exact amount of desiccant required.

The flow distributors for installation in the tanks must be ordered separately if required. During regular maintenance, the dew point sensor should always be replaced with a factory-calibrated sensor of the type SP-ESH420.

<i>maintenance kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SK-DTS015-100HPI/1201</b>	DTS15HPI ... DTS100HPI	12 months	81
<b>SK-DTS015-025HPI/2401</b>	DTS15HPI ... DTS25HPI	24 months	81
<b>SK-DTS030-060HPI/2401</b>	DTS30HPI ... DTS60HPI	24 months	81
<b>SK-DTS080-100HPI/2401</b>	DTS80HPI ... DTS100HPI	24 months	81
<b>SK-DTS015-025HPI/4801</b>	DTS15HPI ... DTS25HPI	48 months	81
<b>SK-DTS030-060HPI/4801</b>	DTS30HPI ... DTS60HPI	48 months	81
<b>SK-DTS080-100HPI/4801</b>	DTS80HPI ... DTS100HPI	48 months	81

#### *standard silencer*

<b>SP-FSC25</b>	DTS15HPI ... DTS25HPI	12 months	82
<b>SP-FSC40</b>	DTS30HPI ... DTS60HPI	12 months	82
<b>SP-FSC50</b>	DTS80HPI ... DTS100HPI	12 months	82

#### *silencer kits for noise reduction, 2-stage expansion (optional)*

<b>SR-NR2S-DTS15-25HPI</b>	DTS15HPI ... DTS25HPI	12 months	82
<b>SR-NR2S-DTS30-60HPI</b>	DTS30HPI ... DTS60HPI	12 months	82
<b>SR-NR2S-DTS80-100HPI</b>	DTS80HPI ... DTS100HPI	12 months	82

#### *pilot valve for regeneration air (optional in backup mode)*

<b>SP-VPS3/2NC-B06-024-ATC</b>	DTS15HPI ... DTS100HPI	24 months	82
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#### *seal kit for regeneration air valve (optional for backup mode)*

<b>SR-VSV15/16-50-SSV</b>	DTS15HPI ... DTS100HPI	48 months	82
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#### *desiccant bundle*

<b>SEDAFILL-36MS</b>	DTS15HPI	36 kg	48 months	85
<b>SEDAFILL-47MS</b>	DTS20HPI	47 kg	48 months	85
<b>SEDAFILL-60MS</b>	DTS25HPI	60 kg	48 months	85
<b>SEDAFILL-75MS</b>	DTS30HPI	75 kg	48 months	85
<b>SEDAFILL-105MS</b>	DTS40HPI	105 kg	48 months	85
<b>SEDAFILL-148MS</b>	DTS60HPI	148 kg	48 months	85
<b>SEDAFILL-180MS</b>	DTS80HPI	180 kg	48 months	85
<b>SEDAFILL-238MS</b>	DTS100HPI	238 kg	48 months	85

#### *flow distributor*

<b>SP-PWS25DPS-CLE</b>	DTS15HPI ... DTS25HPI	if required	82
<b>SP-PWS40DPS-CLE</b>	DTS30HPI ... DTS60HPI	if required	82
<b>SP-PWS50DPS-CLE</b>	DTS80HPI ... DTS100HPI	if required	82

\*1 piece is necessary for each vessel, for a desiccant change 2 pieces are necessary

#### *pressure switch*

<b>SP-EPS25-B08-HYD</b>	DTS15HPI ... DTS100HPI	if required	82
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\*1 piece is necessary for each vessel

#### *dew-point transmitter*

<b>SP-ESH420</b>	dew-point -100..+20°C dp, 4..20mA	12 months	82
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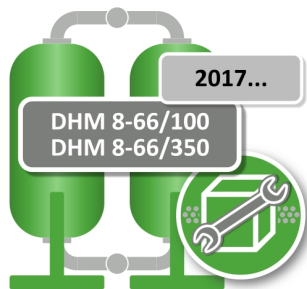
## Adsorption

### Maintenance kits for FST adsorption dryer DTS15-100HPI

	pilot valve NO	pilot valve NC	Solenoid 24 VDC	inlet valve NO DN32	inlet valve NO DN50	expansion valve NC DN32	expansion valve NC DN50	check valve DN32	check valve DN50	heating element	mica tube	sealing ring angle fitting. G1	sealing ring angle fitting. G1/2	sealing ring angle fitting. G2	silencer G1/2	silencer G 1	silencer G 1 ½	silencer G 2	3/2-Magnetventil 24VDC	wp angle seat valve 1/2"	wp angle seat valve 1"	wp angle seat valve 1 1/2"	wp angle seat valve 2"	SEDAPAC 2MS (1,7 kg)	SEDAPAC 4MS	SEDAPAC 15MS	SEDAPAC 140MS	flow distributor G 1	flow distributor G 1 ½	flow distributor G 2	pressure switch 0...25bar	
SK-DTS015-100HPI/1201	2	2																														
SK-DTS015-025HPI/2401	2	2	2	2					2	2	2																					
SK-DTS030-060HPI/2401	2	2		2	2				2	2	2	2																				
SK-DTS080-100HPI/2401	2	2		2	2				2	2	2			2																		
SK-DTS015-025HPI/4801	2	2	4	2	2	2	2	2	2	2	2	6																				
SK-DTS030-060HPI/4801	2	2	4	2	2	2	2	2	2	2	2	6																				
SK-DTS080-100HPI/4801	2	2	4	2	2	2	2	2	2	2	2	6																				
SP-FSC25															1																	
SP-FSC40																1																
SP-FSC50																	1															
SR-NR2S-DTS15-25														1					1		1											
SR-NR2S-DTS30-60														1					1			1										
SR-NR2S-DTS80-100														1					1				1									
SP-VPS3/2NC-B06-024-AT																			1													
SR-VSV15/16-50-SSV																							1									
SEDAFILL-36MS																							1	1	2							
SEDAFILL-47MS																							1		3							
SEDAFILL-60MS																									4							
SEDAFILL-75MS																									5							
SEDAFILL-105MS																									7							
SEDAFILL-148MS																							2		1							
SEDAFILL-180MS																							2	2	2	1						
SEDAFILL-238MS																							2	6	1							
SP-PWS25DPS-CLE																											1					
SP-PWS40DPS-CLE																												1				
SP-PWS50DPS-CLE																													1			
SP-EPS25-08-HYD																																1

## Adsorption

### Maintenance kits for FST adsorption dryer DHM8-66/100, DHM8-66/350 (2017...)



The SK-DHM .. maintenance packages are suitable for all FST adsorption dryers of the DHM series that were built from 2017. Suitable packages (SEDAFILL) are available for changing the desiccant. The filter elements and condensate drain must be ordered separately for maintenance.

During regular maintenance, the dew point sensor should always be replaced with a factory-calibrated sensor of the type SP-ESH420.

<i>maintenance kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SK-DHM8-66/1202</b>	DHM8-66/100 and DHM8-66/350 from 09/2017	12 months	81
<b>SK-DHM8-66/2402</b>	DHM8-66/100 and DHM8-66/350 from 09/2017	24 months	81
<b>SK-DHM8-31/100/4802</b>	DHM8-31/100 from 09/2017	48 months	81
<b>SK-DHM41-66/100/4802</b>	DHM41-66/100 from 09/2017	48 months	81
<b>SK-DHM8-31/350/4802</b>	DHM8-31/350 from 09/2017	48 months	81
<b>SK-DHM41-66/350/4802</b>	DHM41-66/350 from 09/2017	48 months	81
<i>el. condensate drain for prefilter</i>			
<b>CDE80/100T-B08-230-000-01</b>	DHM8-66/100	24 months	54
<b>CDE80/350T-B08-230-000-01</b>	DHM8-66/350	24 months	54
<i>desiccant bundle</i>			
<b>SEDAFILL-2WS-8MS</b>	DHM8/100	10 kg 48 months	85
<b>SEDAFILL-2WS-10MS</b>	DHM13/100	12 kg 48 months	85
<b>SEDAFILL-2WS-12MS</b>	DHM18/100	14 kg 48 months	85
<b>SEDAFILL-4WS-15MS</b>	DHM26/100	19 kg 48 months	85
<b>SEDAFILL-4WS-19MS</b>	DHM31/100	23 kg 48 months	85
<b>SEDAFILL-6WS-23MS</b>	FST Adsorptionstrockner DHM41/100	29 kg 48 months	85
<b>SEDAFILL-6WS-30MS</b>	FST Adsorptionstrockner DHM52/100	36 kg 48 months	85
<b>SEDAFILL-8WS-30MS</b>	FST Adsorptionstrockner DHM59/100	38 kg 48 months	85
<b>SEDAFILL-8WS-36MS</b>	FST Adsorptionstrockner DHM66/100	44 kg 48 months	85
<b>SEDAFILL-2WS-4MS</b>	FST Adsorptionstrockner DHM8/350 und DHM13/350	6 kg 48 months	85
<b>SEDAFILL-2WS-6MS</b>	FST Adsorptionstrockner DHM18/350	8 kg 48 months	85
<b>SEDAFILL-2WS-8MS</b>	FST Adsorptionstrockner DHM26/350	10 kg 48 months	85
<b>SEDAFILL-2WS-10MS</b>	FST Adsorptionstrockner DHM31/350	12 kg 48 months	85
<b>SEDAFILL-4WS-15MS</b>	FST Adsorptionstrockner DHM41/350	19 kg 48 months	85
<b>SEDAFILL-4WS-19MS</b>	FST Adsorptionstrockner DHM52/350	23 kg 48 months	85
<b>SEDAFILL-4WS-21MS</b>	FST Adsorptionstrockner DHM59/350	25 kg 48 months	85
<b>SEDAFILL-6WS-23MS</b>	FST Adsorptionstrockner DHM66/350	29 kg 48 months	85
<i>dew-point transmitter</i>			
<b>SP-ESH420</b>	dew-point -100..+20°C dp, 4..20mA	12 months	82
<i>seal for filter housing</i>			
<b>SP-SOS-FMA30-70/PB</b>	DHM8-52/100 und DHM8-52/350	12 months	82
<b>SP-SOS-FMS90-110/PB</b>	DHM59-66/100 und DHM59-66/350	12 months	82
<i>* 1 piece is required per filter</i>			
<i>pressure reducer</i>			
<b>SP-VPR-B08-16-REX</b>	pressure reducer G 1/4" PN16 MS inc. pressure gauge 0-16	if required	82
<i>safety valve</i>			
<b>SP-VSR-B10/10-MS</b>	safety valve 3/8" MS response pressure 10,0 bar	if required	82

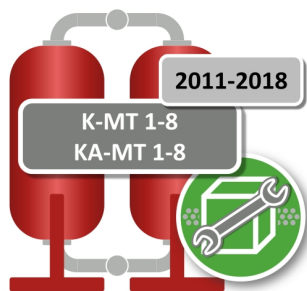
## Adsorption

Maintenance kits for FST adsorption dryer DHM8-66/100, DHM8-66/350 (2017...)

	service ticket C1 controller	silencer ¾"	5/2-way valve with LED plug	pressure regulator DHM	repair kit main valve block	repair kit for check valve block	cylinder	flow distributor / filter	O-ring set piston	elec. condensate drain PN 100	elec. condensate drain PN 350	SEDAPAC 2WS	SEDAPAC 4WS	SEDAPAC 2MS (1,7 kg)	SEDAPAC 4MS	SEDAPAC 15MS
SK-DHM8-66/1202	1	2														
SK-DHM8-66/2402	1	2	2	2												
SK-DHM8-31/100/4802	1	2	2	2	1	1	5	2	1							
SK-DHM41-66/100/4802	1	2	2	2	1	1	5	2	1							
SK-DHM8-31/350/4802	1	2	2	2	1	1	5	2	1							
SK-DHM41-66/350/4802	1	2	2	2	1	1	5	2	1							
CDE80/100T-B08-230-000-01										1						
CDE80/350T-B08-230-000-01											1					
SEDAFILL-2WS-8MS												1			2	
SEDAFILL-2WS-10MS												1		1	2	
SEDAFILL-2WS-12MS												1			3	
SEDAFILL-4WS-15MS													1			1
SEDAFILL-4WS-19MS													1		1	1
SEDAFILL-6WS-23MS												2	1		2	1
SEDAFILL-6WS-30MS												2	1			2
SEDAFILL-8WS-30MS													2			2
SEDAFILL-8WS-36MS													2	1	1	2
SEDAFILL-2WS-4MS												1			1	
SEDAFILL-2WS-6MS												1		1	1	
SEDAFILL-2WS-8MS												1			2	
SEDAFILL-2WS-10MS												1		2	2	
SEDAFILL-4WS-15MS													1			1
SEDAFILL-4WS-19MS													1		1	1
SEDAFILL-4WS-21MS													1	1	1	1
SEDAFILL-6WS-23MS												2	1		2	1

## Adsorption

### Maintenance kits for ZANDER adsorption dryer K-MT1-8, KA-MT1-8 (2011-2018)



The maintenance packages of the SK-K-MT..11 series are suitable for all ZANDER adsorption dryers of the K-MT series that were built between 2011 and 2018. The matching filter elements of the Zander GL series and the silencers are included.

The SEDAFILL desiccant containers offer the exact amount of desiccant or activated carbon required. With regular maintenance, the dew point sensor should always be replaced by a factory calibrated sensor type SR-ESH420 and the oil check indicator tube replaced as necessary.

<i>maintenance kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SK-K-MT1-4/1211</b>	K-MT1...K-MT4	12 months	81
<b>SK-K-MT6-7/1211</b>	K-MT6...K-MT7	12 months	81
<b>SK-K-MT8/1211</b>	K-MT8	12 months	81
<b>SK-K-MT1-4/2411</b>	K-MT1...K-MT4	24 months	81
<b>SK-K-MT6-7/2411</b>	K-MT6...K-MT7	24 months	81
<b>SK-K-MT8/2411</b>	K-MT8	24 months	81
<b>SK-K-MT1-4/4811</b>	K-MT1...K-MT4	48 months	81
<b>SK-K-MT6-7/4811</b>	K-MT6...K-MT7	48 months	81
<b>SK-K-MT8/4811</b>	K-MT8	48 months	81
<i>gasket kits for dryer</i>			
<b>SR-SGP-KMT1-4</b>	K-MT1...K-MT4	bei Bedarf	82
<b>SR-SGP-KMT6-8</b>	K-MT6...K-MT8	bei Bedarf	82
<i>filter silencer (*optional)</i>			
<b>SP-FSC15-KNX</b>	K-MT6...K-MT8	12 Monate	82
<i>desiccant bundle</i>			
<b>SEDAPAC-2MS</b>	K-MT1	2 kg 48 months	85
<b>SEDAPAC-4MS</b>	K-MT2	4 kg 48 months	85
<b>SEDAFILL-2WS-4MS</b>	K-MT3	6 kg 48 months	85
<b>SEDAFILL-2WS-6MS</b>	K-MT4	7 kg 48 months	85
<b>SEDAFILL-2WS-12MS</b>	K-MT6	14 kg 48 months	85
<b>SEDAFILL-4WS-12MS</b>	K-MT7	16 kg 48 months	85
<b>SEDAFILL-4WS-15MS</b>	K-MT8	19 kg 48 months	85
<i>indicator tube for oil vapour</i>			
<b>SP-FAI-IOP02</b>	KA-MT1 .. KA-MT4	if required	82
<i>gasket kits for cleaning stage</i>			
<b>SK-AKM1-4/1203</b>	KA-MT1...KA-MT4	12 months	81
<b>SK-AKM6-8/1203</b>	KA-MT6...KA-MT8	12 months	81
<i>activated carbon bundle for cleaning stage</i>			
<b>SEDAPAC-3A</b>	KA-MT1...KA-MT4	3 kg 12 months	85
<b>SEDAFILL-6A</b>	KA-MT6...KA-MT8	6 kg 12 months	85
<i>dew-point transmitter</i>			
<b>SP-ESH420</b>	dew-point -100..+20°C dp, 4..20mA	12 months	82

## Adsorption

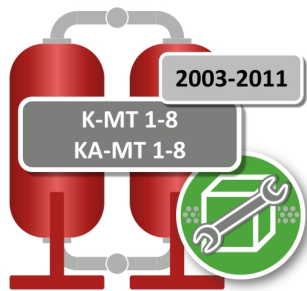
### Maintenance kits for ZANDER adsorption dryer K-MT1-8, KA-MT1-8 (2011-2018)

	reset module Multitronic	filter element ERZAE1008	filter element ERZAE2010	filter element ERZAE2020	inlet valve NO	non return valve	solenoid coil	solenoid coil	seal 80-twin profile	sieve plate 80-twin profile	demister 80-profile	seal 100 twin profile	sieve plate 100 twin profile	demister 100 profile	silencer G1/4	silencer G1/2	SEDAPAC 2WS	SEDAPAC 4WS	SEDAPAC 2MS (1,7kg)	SEDAPAC 4MS	SEDAPAC 15MS	indicator tube oil vapour	seal 80 single profile	sieve plate 80 single profile	seal 100 single profile	sieve plate 100 single profile	SEDAPAC 3A	
<b>SK-K-MT1-4/1211</b>	1	2													1													
<b>SK-K-MT6-7/1211</b>	1		2																									
<b>SK-K-MT8/1211</b>	1			2																								
<b>SK-K-MT1-4/2411</b>	1	2			2	2									1													
<b>SK-K-MT6-7/2411</b>	1		2		2	2																						
<b>SK-K-MT8/2411</b>	1			2	2	2																						
<b>SK-K-MT1-4/4811</b>	1	2			2	2	2	4	4	2	4				1													
<b>SK-K-MT6-7/4811</b>	1		2		2	2	2	4				4	2	4														
<b>SK-K-MT8/4811</b>	1			2	2	2	2	4				4	2	4														
<b>SR-SGP-KMT1-4</b>									4	2	2																	
<b>SR-SGP-KMT6-8</b>												4	2	2														
<b>SP-FSC15-KNX</b>																*												
<b>SEDAPAC-2MS</b>																			1									
<b>SEDAPAC-4MS</b>																												
<b>SEDAFILL-2WS-4MS</b>																	1											
<b>SEDAFILL-2WS-6MS</b>																	1		1									
<b>SEDAFILL-2WS-12MS</b>																	1											
<b>SEDAFILL-4WS-12MS</b>																		1										
<b>SEDAFILL-4WS-15MS</b>																		1										
<b>SP-FAI-IOP02</b>																												1
<b>SK-AKM1-4/1203</b>																							1	4	2			
<b>SK-AKM6-8/1203</b>																							1			4	2	
<b>SEDAPAC-3A</b>																												1
<b>SEDAFILL-6A</b>																												2

\* Optionally equipped with filter silencer

## Adsorption

### Maintenance kits for ZANDER adsorption dryer K-MT1-8, KA-MT1-8 (2003-2011)



SK-K-MT..03 service kits are suitable for all ZANDER adsorption dryers of K-MT series, built since 2003. In addition, desiccant bundles are available. For a complete maintenance, suitable pre- and after-filter elements are not included and have to be ordered separately. During regular maintenances the dew-point meter should be replaced by a new sensor type SP-ESH420. The oil test indicator tube needs to be ordered and replaced separately, if necessary.

<i>maintenance kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SK-K-MT1-4/1203</b>	K-MT1 .. K-MT4	12 months	81
<b>SK-K-MT6-8/1203</b>	K-MT6 .. K-MT8	12 months	81
<b>SK-K-MT1-4/2403</b>	K-MT1 .. K-MT4	24 months	81
<b>SK-K-MT6-8/2403</b>	K-MT6 .. K-MT8	24 months	81
<b>SK-K-MT1-4/4803</b>	K-MT1 .. K-MT4	48 months	81
<b>SK-K-MT1-4/115-4803</b>	K-MT1 .. K-MT4 für 115VAC	48 months	81
<b>SK-K-MT1-4/024-4803</b>	K-MT1 .. K-MT4 für 24VDC	48 months	81
<b>SK-K-MT6-8/4803</b>	K-MT6 .. K-MT8	48 months	81
<b>SK-K-MT6-8/115-4803</b>	K-MT6 .. K-MT8 für 115VAC	48 months	81
<b>SK-K-MT6-8/024-4803</b>	K-MT6 .. K-MT8 für 24VDC	48 months	81
<i>gasket kits for dryer</i>			
<b>SR-SGP-KMT1-4</b>	K-MT1 .. K-MT4	if required	82
<b>SR-SGP-KMT6-8</b>	K-MT6 .. K-MT8	if required	82
<i>filter silencer (*optional)</i>			
<b>SP-FSC15-KNX</b>	K-MT6 .. K-MT8	12 months	82
<i>desiccant bundle</i>			
<b>SEDAPAC-2MS</b>	K-MT1	2 kg 48 months	85
<b>SEDAPAC-4MS</b>	K-MT2	4 kg 48 months	85
<b>SEDAFILL-2WS-4MS</b>	K-MT3	6 kg 48 months	85
<b>SEDAFILL-2WS-6MS</b>	K-MT4	7 kg 48 months	85
<b>SEDAFILL-2WS-12MS</b>	K-MT6	14 kg 48 months	85
<b>SEDAFILL-4WS-12MS</b>	K-MT7	16 kg 48 months	85
<b>SEDAFILL-4WS-15MS</b>	K-MT8	19 kg 48 months	85
<i>indicator tube for oil vapour</i>			
<b>SP-FAI-IOP02</b>	KA-MT1 .. KA-MT4	if required	82
<i>gasket kits for cleaning stage</i>			
<b>SK-AKM1-4/1203</b>	KA-MT1 .. KA-MT4	12 months	81
<b>SK-AKM6-8/1203</b>	KA-MT6 .. KA-MT8	12 months	81
<i>activated carbon bundle for cleaning stage</i>			
<b>SEDAPAC-3A</b>	KA-MT1 .. KA-MT4	3 kg 12 months	85
<b>SEDAFILL-6A</b>	KA-MT6 .. KA-MT8	6 kg 12 months	85
<i>dew-point transmitter</i>			
<b>SP-ESH420</b>	dew-point -100..+20°C dp, 4..20mA	12 Monate	82



## Adsorption

### Maintenance kits for ZANDER adsorption dryer K-MT1-8, KA-MT1-8 (2003-2011)

	reset module	Multitronic	inlet valve NO	expansion valve NC	non return valve	solenoid coil	seal 80-twin profile	sieve plate 80-twin profile	demister 80-profile	seal 100 twin profile	sieve plate 100 twin profile	demister 100 profile	silencer G1/4	silencer G1/2	SEDAPAC 2WS	SEDAPAC 4WS	SEDAPAC 2MS (1,7kg)	SEDAPAC 4MS	SEDAPAC 15MS	indicator tube oil vapour	seal 80 single profile	sieve plate 80 single profile	seal 100 single profile	sieve plate 100 single profile	SEDAPAC 3A
SK-K-MT1-4/1203	1												1												
SK-K-MT6-8/1203	1													1											
SK-K-MT1-4/2403	1	2	2										1												
SK-K-MT6-8/2403	1	2	2										1												
SK-K-MT1-4/4803	1	2	2	2	4	4	2	4					1												
SK-K-MT1-4/115-4803	1	2	2	2	4	4	2	4					1												
SK-K-MT1-4/024-4803	1	2	2	2	4	4	2	4					1												
SK-K-MT6-8/4803	1	2	2	2	4					4	2	4													
SK-K-MT6-8/115-4803	1	2	2	2	4					4	2	4													
SK-K-MT6-8/024-4803	1	2	2	2	4					4	2	4													
SR-SGP-KMT1-4							4	2	2																
SR-SGP-KMT6-8										4	2	2													
SP-FSC15-KNX														*											
SEDAPAC-2MS																	1								
SEDAPAC-4MS																		1							
SEDAFILL-2WS-4MS															1			1							
SEDAFILL-2WS-6MS															1		1	1							
SEDAFILL-2WS-12MS															1			3							
SEDAFILL-4WS-12MS																1		3							
SEDAFILL-4WS-15MS																1			1						
SP-FAI-IOP02																				1					
SK-AKM1-4/1203																				1	4	2			
SK-AKM6-8/1203																				1			4	2	
SEDAPAC-3A																									1
SEDAFILL-6A																									2

\* Optionally equipped with filter silencer

## Adsorption

### Maintenance kits for ZANDER adsorption dryer K-MT10-95, KA-MT10-95 (2011-2018)



SK-K-MT...11 maintenance packages contain all mechanical wear parts suitable for the ZANDER Adsorption dryers of the K-MT series, which were built from 2011 to 2018. The matching filter elements of the Zander GL series and the silencers are included.

The SEDAFILL containers contain the exact amount of desiccant required. The flow distributors for installation in the tanks must be ordered separately if required. Indicator tubes are also available for measuring oil vapor. With regular maintenance, the dew point sensor should always be replaced by a factory calibrated sensor of the type SP-ESH420 must be replaced.

<i>maintenance kit</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp</i>
<b>SK-K-MT010-020/1211</b>	K-MT10...K-MT20	12 months	81
<b>SK-K-MT025/1211</b>	K-MT25	12 months	81
<b>SK-K-MT035/1211</b>	K-MT35	12 months	81
<b>SK-K-MT045/1211</b>	K-MT45	12 months	81
<b>SK-K-MT060-075/1211</b>	K-MT60...K-MT75	12 months	81
<b>SK-K-MT095/1211</b>	K-MT95	12 months	81
<b>SK-K-MT010-020/2411</b>	K-MT10...K-MT20	24 months	81
<b>SK-K-MT025/2411</b>	K-MT25	24 months	81
<b>SK-K-MT035/2411</b>	K-MT35	24 months	81
<b>SK-K-MT045/2411</b>	K-MT45	24 months	81
<b>SK-K-MT060-075/2411</b>	K-MT60...K-MT75	24 months	81
<b>SK-K-MT095/2411</b>	K-MT95	24 months	81

#### *dessicant bundles*

<b>SEDAFILL-6WS-23MS</b>	K-MT10	29 kg	48 months	85
<b>SEDAFILL-6WS-30MS</b>	K-MT15	36 kg	48 months	85
<b>SEDAFILL-8WS-40MS</b>	K-MT20	48 kg	48 months	85
<b>SEDAFILL-12WS-49MS</b>	K-MT25	61 kg	48 months	85
<b>SEDAFILL-16WS-62MS</b>	K-MT35	78 kg	48 months	85
<b>SEDAFILL-18WS-75MS</b>	K-MT45	93 kg	48 months	85
<b>SEDAFILL-26WS-111MS</b>	K-MT60	137 kg	48 months	85
<b>SEDAFILL-36WS-142MS</b>	K-MT75	178 kg	48 months	85
<b>SEDAFILL-40WS-200MS</b>	K-MT95	240 kg	48 months	85

#### *flow distributors*

<b>SP-PWS25KE10-25-OMG</b>	K-MT10-25 ; KA-MT10-25	if required	82
<b>SP-PWS40KE35-60-OMG</b>	K-MT35-60 ; KA-MT35-60	if required	82
<b>SP-PWS50KE75-95-OMG</b>	K-MT75-95 ; KA-MT75-95	if required	82

\*for each vessel 1 piece is required, for a dessicant change 2 pieces, for a change of activated carbon 1 piece

#### *indicator tube for oil vapour*

<b>SP-FAI-IOP02</b>	cleaning stage for KA-MT10-95	if required	82
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#### *activated carbon bundles for cleaning stage*

<b>SEDAPAC-10A</b>	KA-MT10	10 kg	12 months	85
<b>SEDAFILL-13A</b>	KA-MT15	13 kg	12 months	85
<b>SEDAFILL-16A</b>	KA-MT20	16 kg	12 months	85
<b>SEDAFILL-20A</b>	KA-MT25	20 kg	12 months	85
<b>SEDAFILL-26A</b>	KA-MT35	26 kg	12 months	85
<b>SEDAFILL-30A</b>	KA-MT45	30 kg	12 months	85
<b>SEDAFILL-43A</b>	KA-MT60	43 kg	12 months	85
<b>SEDAFILL-56A</b>	KA-MT75	56 kg	12 months	85
<b>SEDAFILL-76A</b>	KA-MT95	76 kg	12 months	85

#### *dew-point transmitter*

<b>SP-ESH420</b>	Dew-point -100..+20°C, 4..20mA	12 months	82
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## Adsorption

Maintenance kits for ZANDER adsorption dryer K-MT10-95, KA-MT10-95 (2011-2018)

	reset module Multitronic	filter element ERZAE3025	filter element ERZAE3040	filter element ERZAE4040	filter element ERZAE4050	filter element ERZAE4065	pilot valve NO	pilot valve NC	solenoid coil 230 VAC	inlet valve DN32	inlet valve DN50	expansion valve DN32	expansion valve DN50	non return valve DN32	non return valve DN50	silencer G 1	silencer G 1 ½	silencer G 2	SEDAPAC 2WS	SEDAPAC 4WS	SEDAPAC 18WS	SEDAPAC 2MS (1,7 kg)	SEDAPAC 4MS	SEDAPAC 15MS	SEDAPAC 140MS	flow distributor G 1	flow distributor G 1 ½	flow distributor G 2	indicator tube for oil vapour	SEDAPAC 3A	SEDAPAC 10A					
SK-K-MT010-020/1211	1	2					2	2								1																				
SK-K-MT025/1211	1		2				2	2								1																				
SK-K-MT035/1211	1		2				2	2																												
SK-K-MT045/1211	1			2			2	2																												
SK-K-MT060-075/1211	1				2		2	2																												
SK-K-MT095/1211	1					2																														
SK-K-MT010-020/2411	1	2					2	2	4	2		2		2		1																				
SK-K-MT025/2411	1		2				2	2	4	2		2		2		1																				
SK-K-MT035/2411	1		2				2	2	4		2		2		2																					
SK-K-MT045/2411	1			2			2	2	4		2		2		2																					
SK-K-MT060-075/2411	1				2		2	2	4		2		2		2																					
SK-K-MT095/2411	1					2	2	2	4		2		2		2																					
SEDAFILL-6WS-23MS																			1	1			2	1												
SEDAFILL-6WS-30MS																			1	1				2												
SEDAFILL-8WS-40MS																			2		1	2	2													
SEDAFILL-12WS-49MS																			3			1	3													
SEDAFILL-16WS-62MS																			4		1		4													
SEDAFILL-18WS-75MS																					1		5													
SEDAFILL-26WS-111MS																			2	1	1	1	7													
SEDAFILL-36WS-142MS																					2	1		1												
SEDAFILL-40WS-200MS																			1	2			4	1												
SP-PWS25KE10-25-OMG																										1										
SP-PWS40KE35-60-OMG																											1									
SP-PWS50KE75-95-OMG																													1							
SP-FAI-IOP02																														1						
SEDAPAC-10A																																		1		
SEDAFILL-13A																																	1	1		
SEDAFILL-16A																																	2	1		
SEDAFILL-20A																																			2	
SEDAFILL-26A																																			2	2
SEDAFILL-30A																																				3
SEDAFILL-43A																																				1
SEDAFILL-56A																																				2
SEDAFILL-76A																																				2

## Adsorption

### Maintenance kits for ZANDER adsorption dryer KE-MT10-95, KEA-MT10-95 (2007-2011)



SK-KE-MT..07 maintenance kits contain all mechanical wear parts suitable for ZANDER adsorption dryers series KE-MT, build since spring 2007.

Depending on the maintenance interval, silencers as well as filter elements for pre- and after-filters are not included and to order separately.

The SEDAFILL-bundles include the exact volume of desiccant or activated carbon, respectively.

During a desiccant change, in addition to desiccant bundles, the flow distributors are not included and to order separately, if necessary.

In addition, there are indicator tubes available for measuring oil vapour.

During regular maintenances the dew-point meter should be replaced by a new sensor type SP-ESH420..

<i>maintenance kit</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SK-KE-MT010-095/1207</b>	KE-MT10 ; KE-MT95	12 months	81
<b>SK-KE-MT010-025/2407</b>	KE-MT10 ; KE-MT25	24 months	81
<b>SK-KE-MT035-095/2407</b>	KE-MT35 ; KE-MT95	24 months	81
<b>SK-KE-MT010-025/4807</b>	KE-MT10 ; KE-MT25	48 months	81
<b>SK-KE-MT035-095/4807</b>	KE-MT35 ; KE-MT95	48 months	81

#### *silencer*

<b>SP-FSC25</b>	KE-MT10 ; KE-MT25	12 months	82
<b>SP-FSC40</b>	KE-MT35 ; KE-MT60	12 months	82
<b>SP-FSC50</b>	KE-MT75 ; KE-MT95	12 months	82

#### *desiccant bundles*

<b>SEDAFILL-6WS-23MS</b>	KE-MT10	29 kg	48 months	85
<b>SEDAFILL-6WS-30MS</b>	KE-MT15	36 kg	48 months	85
<b>SEDAFILL-8WS-40MS</b>	KE-MT20	48 kg	48 months	85
<b>SEDAFILL-12WS-49MS</b>	KE-MT25	61 kg	48 months	85
<b>SEDAFILL-16WS-62MS</b>	KE-MT35	78 kg	48 months	85
<b>SEDAFILL-18WS-75MS</b>	KE-MT45	93 kg	48 months	85
<b>SEDAFILL-26WS-111MS</b>	KE-MT60	137 kg	48 months	85
<b>SEDAFILL-36WS-142MS</b>	KE-MT75	178 kg	48 months	85
<b>SEDAFILL-40WS-200MS</b>	KE-MT95	240 kg	48 months	85

#### *flow distributors*

<b>SP-PWS25KE10-25-OMG</b>	KE-MT10-25 ; KEA-MT10-25	if required	82
<b>SP-PWS40KE35-60-OMG</b>	KE-MT35-60 ; KEA-MT35-60	if required	82
<b>SP-PWS50KE75-95-OMG</b>	KE-MT75-95 ; KEA-MT75-95	if required	82

\*for each vessel 1 piece is required, for a desiccant change 2 pieces, for a change of activated carbon 1 piece

#### *indicator tube for oil vapour*

<b>SP-FAI-IOP02</b>	cleaning stage for KEA-MT10-95	if required	82
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#### *activated carbon bundles for cleaning stage*

<b>SEDAPAC-10A</b>	KEA-MT10	10 kg	12 months	85
<b>SEDAFILL-13A</b>	KEA-MT15	13 kg	12 months	85
<b>SEDAFILL-16A</b>	KEA-MT20	16 kg	12 months	85
<b>SEDAFILL-20A</b>	KEA-MT25	20 kg	12 months	85
<b>SEDAFILL-26A</b>	KEA-MT35	26 kg	12 months	85
<b>SEDAFILL-30A</b>	KEA-MT45	30 kg	12 months	85
<b>SEDAFILL-43A</b>	KEA-MT60	43 kg	12 months	85
<b>SEDAFILL-56A</b>	KEA-MT75	56 kg	12 months	85
<b>SEDAFILL-76A</b>	KEA-MT95	76 kg	12 months	85

#### *dew-point transmitter*

<b>SP-ESH420</b>	Dew-point -100..+20°C, 4..20mA	12 months	82
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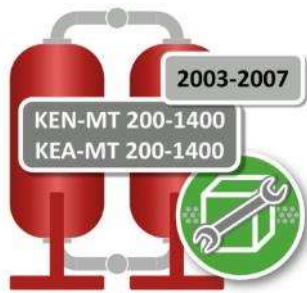
## Adsorption

Maintenance kits for ZANDER adsorption dryer KE-MT10-95, KEA-MT10-95 (2007-2011)

	reset module	Multitronic	NO	NC	230 VAC	DN32	DN50	DN32	DN50	DN32	DN50	G 1	G 1½	G 2	2WS	4WS	18WS	2MS (1,7 kg)	4MS	15MS	140MS	G 1	G 1½	G 2	oil vapour	3A	10A
<b>SK-KE-MT010-095/1207</b>	1	2	2																								
<b>SK-KE-MT010-025/2407</b>	1	2	2		2		2																				
<b>SK-KE-MT035-095/2407</b>	1	2	2			2		2																			
<b>SK-KE-MT010-025/4807</b>	1	2	2	4	2		2		2																		
<b>SK-KE-MT035-095/4807</b>	1	2	2	4		2		2		2																	
<b>SP-FSC25</b>												1															
<b>SP-FSC40</b>													1														
<b>SP-FSC50</b>														1													
<b>SEDAFILL-6WS-23MS</b>															1	1			2	1							
<b>SEDAFILL-6WS-30MS</b>															1	1				2							
<b>SEDAFILL-8WS-40MS</b>																2		1	2	2							
<b>SEDAFILL-12WS-49MS</b>																3			1	3							
<b>SEDAFILL-16WS-62MS</b>																4		1		4							
<b>SEDAFILL-18WS-75MS</b>																	1			5							
<b>SEDAFILL-26WS-111MS</b>																2	1	1	1	7							
<b>SEDAFILL-36WS-142MS</b>																	2	1			1						
<b>SEDAFILL-40WS-200MS</b>																1	2			4	1						
<b>SP-PWS25KE10-25-OMG</b>																						1					
<b>SP-PWS40KE35-60-OMG</b>																							1				
<b>SP-PWS50KE75-95-OMG</b>																								1			
<b>SP-FAI-IOP02</b>																										1	
<b>SEDAPAC-10A</b>																											1
<b>SEDAFILL-13A</b>																										1	1
<b>SEDAFILL-16A</b>																										2	1
<b>SEDAFILL-20A</b>																											2
<b>SEDAFILL-26A</b>																										2	2
<b>SEDAFILL-30A</b>																											3
<b>SEDAFILL-43A</b>																										1	4
<b>SEDAFILL-56A</b>																										2	5
<b>SEDAFILL-76A</b>																										2	7

## Adsorption

### Maintenance kits for ZANDER adsorption dryer KEN-MT200-1400, KEA-MT200-1400 (2003-2007)



For ZANDER adsorption dryer KEN-MT series, built from mid of 2003 to spring 2007, the maintenance kits SK-KEN..03 are available. They contain all necessary wear parts for each maintenance interval. Silencer and filter elements for pre- and after-filters are not included and to order separately. The desiccant bundles SEDAFILL include the exact amount of desiccant or activated carbon, respectively. During a desiccant change, in addition to desiccant bundles, the flow distributors are not included and to order separately, if necessary. In addition, there are indicator tubes available for measuring the oil vapour. During regular maintenances the dew-point meter should be replaced by a new sensor type SP-ESH420.

<i>maintenance kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SK-KEN-MT0200-1400/1203</b>	KEN-MT200 ; KEN-MT1400	12 months	81
<b>SK-KEN-MT0200-0500/2403</b>	KEN-MT200 ; KEN-MT500	24 months	81
<b>SK-KEN-MT0600-1400/2403</b>	KEN-MT600 ; KEN-MT1400	24 months	81
<b>SK-KEN-MT0200-0500/4803</b>	KEN-MT200 ; KEN-MT500	48 months	81
<b>SK-KEN-MT0600-1400/4803</b>	KEN-MT600 ; KEN-MT1400	48 months	81

#### *silencer (standard)*

<b>SP-FSC25</b>	KEN-MT200 ; KEN-MT500	12 months	82
<b>SP-FSC40</b>	KEN-MT600 ; KEN-MT1150	12 months	82
<b>SP-FSC50</b>	KEN-MT1400	12 months	82

#### *desiccant bundles*

<b>SEDAFILL-6WS-30MS</b>	KEN-MT200	36 kg	48 months	85
<b>SEDAFILL-8WS-40MS</b>	KEN-MT300	48 kg	48 months	85
<b>SEDAFILL-12WS-49MS</b>	KEN-MT400	61 kg	48 months	85
<b>SEDAFILL-16WS-62MS</b>	KEN-MT500	78 kg	48 months	85
<b>SEDAFILL-18WS-75MS</b>	KEN-MT600	93 kg	48 months	85
<b>SEDAFILL-26WS-111MS</b>	KEN-MT800	137 kg	48 months	85
<b>SEDAFILL-36WS-142MS</b>	KEN-MT1150	178 kg	48 months	85
<b>SEDAFILL-40WS-200MS</b>	KEN-MT1400	240 kg	48 months	85

#### *flow distributors*

<b>SP-PWS32KEN-OMG</b>	KEN-MT200-500 ; KEA-MT200-500	if required	82
<b>SP-PWS40DPS-OMG</b>	KE-MT600-1150 ; KEA-MT600-1150	if required	82
<b>SP-PWS50DPS-OMG</b>	KE-MT1400 ; KEA-MT1400	if required	82

\*for each vessel 1 piece is required, for a desiccant change 2 pieces are required, for a change of activated carbon for KEA 1 piece

#### *indicator tubes for oil vapour*

<b>SP-FAI-IOP02</b>	cleaning stage KEA-MT200 .. KEA-MT1400	if required	82
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#### *activated carbon bundles*

<b>SEDAFILL-13A</b>	Reinigerstufe KEA-MT200	13 kg	12 months	85
<b>SEDAFILL-16A</b>	Reinigerstufe KEA-MT300	16 kg	12 months	85
<b>SEDAFILL-20A</b>	Reinigerstufe KEA-MT400	20 kg	12 months	85
<b>SEDAFILL-26A</b>	Reinigerstufe KEA-MT500	26 kg	12 months	85
<b>SEDAFILL-30A</b>	Reinigerstufe KEA-MT600	30 kg	12 months	85
<b>SEDAFILL-43A</b>	Reinigerstufe KEA-MT800	43 kg	12 months	85
<b>SEDAFILL-56A</b>	Reinigerstufe KEA-MT1150	56 kg	12 months	85
<b>SEDAFILL-76A</b>	Reinigerstufe KEA-MT1400	76 kg	12 months	85

#### *dew-point transmitter*

<b>SP-ESH420</b>	dew-point -100..+20°C, 4..20mA	12 months	82
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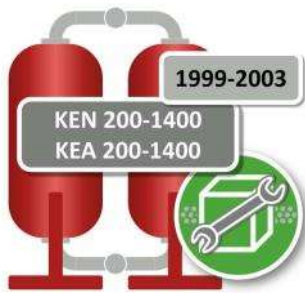
## Adsorption

Maintenance kits for ZANDER adsorption dryer KEN-MT200-1400, KEA-MT200-1400 (2003-2007)

	reset module	Multitronic	pilot valve NO	pilot valve NC	solenoid coil 230 VAC	inlet valve DN32	inlet valve DN50	expansion valve DN32	expansion valve DN50	non return valve DN32	non return valve DN50	silencer G 1	silencer G 1½	silencer G 2	SEDAPAC 2WS	SEDAPAC 4WS	SEDAPAC 18WS	SEDAPAC 2MS (1,7 kg)	SEDAPAC 4MS	SEDAPAC 15MS	SEDAPAC 140MS	flow distributor G ¼	flow distributor G 1 ½	flow distributor G 2	indicator tube for oil vapour	SEDAPAC 3A	SEDAPAC 10A			
<b>SK-KEN-MT0200-1400/1203</b>	1		2	2																										
<b>SK-KEN-MT0200-0500/2403</b>	1		2	2		2		2																						
<b>SK-KEN-MT0600-1400/2403</b>	1		2	2			2		2																					
<b>SK-KEN-MT0200-0500/4803</b>	1		2	2	4	2		2		2																				
<b>SK-KEN-MT0600-1400/4803</b>	1		2	2	4		2		2		2																			
<b>SP-FSC25</b>												1																		
<b>SP-FSC40</b>													1																	
<b>SP-FSC50</b>														1																
<b>SEDAFILL-6WS-30MS</b>															1	1					2									
<b>SEDAFILL-8WS-40MS</b>																2		1	2	2										
<b>SEDAFILL-12WS-49MS</b>																3			1	3										
<b>SEDAFILL-16WS-62MS</b>																4		1		4										
<b>SEDAFILL-18WS-75MS</b>																	1			5										
<b>SEDAFILL-26WS-111MS</b>																2	1	1	1	7										
<b>SEDAFILL-36WS-142MS</b>																	2	1		1										
<b>SEDAFILL-40WS-200MS</b>																1	2			4	1									
<b>SP-PWS32KEN-OMG</b>																					1									
<b>SP-PWS40DPS-OMG</b>																							1							
<b>SP-PWS50DPS-OMG</b>																								1						
<b>SP-FAI-IOP02</b>																											1			
<b>SEDAFILL-13A</b>																												1	1	
<b>SEDAFILL-16A</b>																												2	1	
<b>SEDAFILL-20A</b>																													2	
<b>SEDAFILL-26A</b>																													2	2
<b>SEDAFILL-30A</b>																														3
<b>SEDAFILL-43A</b>																													1	4
<b>SEDAFILL-56A</b>																													2	5
<b>SEDAFILL-76A</b>																													2	7

## Adsorption

### Maintenance kits for ZANDER adsorption dryer KEN200-1400 und KEA200-1400 (1999-2003)



Maintenance kits SK-KEN..99 are suitable for ZANDER adsorption dryer KEN series, built between 1999 and 2003. They contain all relevant wear parts in accordance to the maintenance interval. Silencers and filter elements for pre- and after-filters are not included and to order separately. The SEDAFILL-bundles include the exact amount of desiccant or activated carbon, respectively. Flow distributor and flange gaskets are not included and to order separately, if needed. In addition, there are indicator tubes available for measuring oil vapour. During regular maintenances the dew-point meter should be replaced by a new sensor type SP-ESH420.

<i>maintenance kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp</i>
<b>SK-KEN0200-1400/1299</b>	KEN 200 .. 1400 ; KEA 200 .. 1400	12 months	81
<b>SK-KEN0200-0500/2499</b>	KEN 200 .. 500 ; KEA 200 .. 500	24 months	81
<b>SK-KEN0600-1400/2499</b>	KEN 600 .. 1400 ; KEA 600 .. 1400	24 months	81
<b>SK-KEN0200-0500/4899</b>	KEN 200 .. 500 ; KEA 200 .. 500	48 months	81
<b>SK-KEN0600-1400/4899</b>	KEN 600 .. 1400 ; KEA 600 .. 1400	48 months	81

#### *silencer*

<b>SP-FSC25</b>	KEN 200 .. 500 ; KEA 200 .. 500	12 months	82
<b>SP-FSC40</b>	KEN 600 .. 1150 ; KEA 600 .. 1150	12 months	82
<b>SP-FSC50</b>	KEN 1400 ; KEA 1400	12 months	82

#### *desiccant bundles*

<b>SEDAFILL-6WS-30MS</b>	KEN 200 ; KEA 200	36 kg	48 months	85
<b>SEDAFILL-8WS-40MS</b>	KEN 300 ; KEA 300	48 kg	48 months	85
<b>SEDAFILL-12WS-49MS</b>	KEN 400 ; KEA 400	61 kg	48 months	85
<b>SEDAFILL-16WS-62MS</b>	KEN 500 ; KEA 500	78 kg	48 months	85
<b>SEDAFILL-18WS-75MS</b>	KEN 600 ; KEA 600	93 kg	48 months	85
<b>SEDAFILL-26WS-111MS</b>	KEN 800 ; KEA 800	137 kg	48 months	85
<b>SEDAFILL-36WS-142MS</b>	KEN 1150 ; KEA 1150	178 kg	48 months	85
<b>SEDAFILL-40WS-200MS</b>	KEN 1400 ; KEA 1400	240 kg	48 months	85

#### *flow distributor*

<b>SP-PWS32KEN-OMG</b>	KEN 200 .. 500 ; KEA 200 .. 500	bei Bedarf	82
<b>SP-PWS40DPS-OMG</b>	KEN 600 .. 1150 ; KEA 600 .. 1150	bei Bedarf	82
<b>SP-PWS50DPS-OMG</b>	KEN 1400 ; KEA 1400	bei Bedarf	82

\*for each vessel 1 piece is necessary, for a desiccant change 2 pieces are required, for a change of activated carbon for KEA 1 piece is required

#### *indicator tube for oil vapour*

<b>SP-FAI-IOP02</b>	cleaning stage KEA 200 .. 1400	bei Bedarf	82
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#### *activated carbon bundles for cleaning stage*

<b>SEDAFILL-13A</b>	KEA200	13 kg	12 months	85
<b>SEDAFILL-16A</b>	KEA300	16 kg	12 months	85
<b>SEDAFILL-20A</b>	KEA400	20 kg	12 months	85
<b>SEDAFILL-26A</b>	KEA500	26 kg	12 months	85
<b>SEDAFILL-30A</b>	KEA600	30 kg	12 months	85
<b>SEDAFILL-43A</b>	KEA800	43 kg	12 months	85
<b>SEDAFILL-56A</b>	KEA1150	56 kg	12 months	85
<b>SEDAFILL-76A</b>	KEA1400	76 kg	12 months	85

#### *dew-point transmitter*

<b>SP-ESH420</b>	dew-point -100..+20°C, 4..20mA	12 months	82
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## Adsorption

Maintenance kits for ZANDER adsorption dryer KEN200-1400 und KEA200-1400 (1999-2003)

	filling moisture indicator	pilot valve NO	pilot valve NC	solenoid coil 230 VAC	inlet valve DN32	inlet valve DN50	expansion valve DN32	expansion valve DN50	non return valve DN32	non return valve DN50	silencer G 1	silencer G 1 ½	silencer G 2	SEDAPAC 2WS	SEDAPAC 4WS	SEDAPAC 18WS	SEDAPAC 2MS (1,7 kg)	SEDAPAC 4MS	SEDAPAC 15MS	SEDAPAC 140MS	flow distributor G 1 ¼	flow distributor G 1 ½	flow distributor G 2	indicator tube oil vapour	SEDAPAC 3A	SEDAPAC 10A
SK-KEN0200-1400/1299	1	2	2																							
SK-KEN0200-0500/2499	1	2	2		2		2																			
SK-KEN0600-1400/2499	1	2	2			2		2																		
SK-KEN0200-0500/4899	1	2	2	4	2		2		2																	
SK-KEN0600-1400/4899	1	2	2	4		2		2		2																
SP-FSC25											1															
SP-FSC40												1														
SP-FSC50													1													
SEDAFILL-6WS-30MS														1	1					2						
SEDAFILL-8WS-40MS															2		1	2	2							
SEDAFILL-12WS-49MS															3			1	3							
SEDAFILL-16WS-62MS															4		1		4							
SEDAFILL-18WS-75MS																1			5							
SEDAFILL-26WS-111MS															2	1	1	1	7							
SEDAFILL-36WS-142MS																2	1		1							
SEDAFILL-40WS-200MS															1	2			4	1						
SP-PWS32KEN-OMG																					1					
SP-PWS40DPS-OMG																						1				
SP-PWS50DPS-OMG																							1			
SP-FAI-IOP02																								1		
SEDAFILL-13A																									1	1
SEDAFILL-16A																									2	1
SEDAFILL-20A																										2
SEDAFILL-26A																									2	2
SEDAFILL-30A																										3
SEDAFILL-43A																									1	4
SEDAFILL-56A																									2	5
SEDAFILL-76A																									2	7

## Adsorption

### Maintenance kits for ZANDER adsorption dryer KE-MT120-600 (2007..)



SK-KE-MT..07 maintenance kits contain all relevant wear parts for the ZANDER adsorption dryer KE-MT series built since spring 2007.

Depending on the maintenance interval silencers as well as filter elements for pre- and after-filters are not included and to order separately. The SEDAFILL-bundles include the exact volume of desiccant for a desiccant change. During a desiccant change, in addition to desiccant bundles, the flow distributors are not included and to order separately, if necessary.

During regular maintenances the dew-point meter should be replaced by a new sensor type SP-ESH420.

<i>maintenance kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SK-KE-MT120-600/1207</b>	KE-MT120 .. KE-MT600	12 months	81
<b>SK-KE-MT120/2407</b>	KE-MT120	24 months	81
<b>SK-KE-MT150-250/2407</b>	KE-MT150 .. KE-MT250	24 months	81
<b>SK-KE-MT300-500/2407</b>	KE-MT300 .. KE-MT500	24 months	81
<b>SK-KE-MT600/2407</b>	KE-MT600	24 months	81
<b>SK-KE-MT120/4807</b>	KE-MT120	48 months	81
<b>SK-KE-MT150-200/4807</b>	KE-MT150 .. KE-MT200	48 months	81
<b>SK-KE-MT250/4807</b>	KE-MT250	48 months	81
<b>SK-KE-MT300/4807</b>	KE-MT300	48 months	81
<b>SK-KE-MT380-500/4807</b>	KE-MT380 .. KE-MT500	48 months	81
<b>SK-KE-MT600/4807</b>	KE-MT600	48 months	81

#### *silencer*

<i>SP-FSC40</i>	<i>KE-MT120</i>	<i>quantity needed</i>	<i>2</i>	<i>12 months</i>	<i>81</i>
<b>SP-FSC50</b>	KE-MT150 .. KE-MT500	quantity needed	2	12 months	81
<b>SP-FSC80</b>	KE-MT600	quantity needed	2	12 months	81

#### *desiccant bundles*

<b>SEDAFILL-54WS-245MS</b>	KE-MT120	299 kg	48 months	85
<b>SEDAFILL-72WS-295MS</b>	KE-MT150	367 kg	48 months	85
<b>SEDAFILL-94WS-420MS</b>	KE-MT200	514 kg	48 months	85
<b>SEDAFILL-130WS-473MS</b>	KE-MT250	603 kg	48 months	85
<b>SEDAFILL-130WS-594MS</b>	KE-MT300	724 kg	48 months	85
<b>SEDAFILL-170WS-745MS</b>	KE-MT380	915 kg	48 months	85
<b>SEDAFILL-260WS-988MS</b>	KE-MT500	1248 kg	48 months	85
<b>SEDAFILL-296WS-1260MS</b>	KE-MT600	1556 kg	48 months	85

#### *flow distributors incl. 2 flange flat gaskets*

<b>SK-PWS/PWG050</b>	KE-MT120	bei Bedarf	81
<b>SK-PWS/PWG065</b>	KE-MT150 .. KE-MT200	bei Bedarf	81
<b>SK-PWS/PWG080</b>	KE-MT250 .. KE-MT300	bei Bedarf	81
<b>SK-PWS/PWG100</b>	KE-MT380 .. KE-MT500	bei Bedarf	81
<b>SK-PWS/PWG125</b>	KE-MT600	bei Bedarf	81

\*for each vessel 1 piece is necessary, for 1 dryer 2 pieces are required

#### *gasket kits (flat gasket DIN-flange)*

<b>SK-PWG050-8</b>	KE-MT120	48 months	81
<b>SK-PWG065-8</b>	KE-MT150 .. KE-MT200	48 months	81
<b>SK-PWG080-8</b>	KE-MT250 .. KE-MT300	48 months	81
<b>SK-PWG100-8</b>	KE-MT380 .. KE-MT500	48 months	81
<b>SK-PWG125-8</b>	KE-MT600	48 months	81

#### *dew-point transmitter*

<b>SP-ESH420</b>	dew-point -100..+20°C, 4..20mA	12 months	82
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## Adsorption

### Maintenance kits for ZANDER adsorption dryer KE-MT120-600 (2007..)

	reset module	Multitronic	pilot valve	control valve block	control air filter	repair kit expansion G1 1/2	repair kit expansion G2	repair kit expansion DN65	repair kit expansion DN80	non return valve DN50	non return valve DN65	non return valve DN80	non return valve DN100	non return valve DN125	silencer G11/2	silencer G2	silencer G3	SEDAPAC 4WS	SEDAPAC 18MS	SEDAPAC 130MS	SEDAPAC 4MS	SEDAPAC 15MS	SEDAPAC 140MS	flow distributor DN50	flow distributor DN65	flow distributor DN80	flow distributor DN100	flow distributor DN125	flange gasket		
<b>SK-KE-MT120-600/1207</b>	1		4		1																										
<b>SK-KE-MT120/2407</b>	1		4		1	2																									
<b>SK-KE-MT150-250/2407</b>	1		4		1		2																								
<b>SK-KE-MT300-500/2407</b>	1		4		1			2																							
<b>SK-KE-MT600/2407</b>	1		4		1				2																						
<b>SK-KE-MT120/4807</b>	1			1	1	2				2																					
<b>SK-KE-MT150-200/4807</b>	1			1	1		2				2																				
<b>SK-KE-MT250/4807</b>	1			1	1		2						2																		
<b>SK-KE-MT300/4807</b>	1			1	1			2					2																		
<b>SK-KE-MT380-500/4807</b>	1			1	1			2						2																	
<b>SK-KE-MT600/4807</b>	1			1	1				2						2																
<b>SP-FSC40</b>	quantity needed for KE-MT120														2																
<b>SP-FSC50</b>	quantity needed for KE-MT150 .. KE-MT500															2															
<b>SP-FSC80</b>	quantity needed for KE-MT600																2														
<b>SEDAFILL-54WS-245MS</b>																			3			7	1								
<b>SEDAFILL-72WS-295MS</b>																			4			1	2								
<b>SEDAFILL-94WS-420MS</b>																	1	5					3								
<b>SEDAFILL-130WS-473MS</b>																				1	2	3	3								
<b>SEDAFILL-130WS-594MS</b>																				1	1	2	4								
<b>SEDAFILL-170WS-745MS</b>																1	2	1		3	5										
<b>SEDAFILL-260WS-988MS</b>																				2	2		7								
<b>SEDAFILL-296WS-1260MS</b>																				2	2		9								
<b>SK-PWS/PWG050</b>																							1						2		
<b>SK-PWS/PWG065</b>																									1				2		
<b>SK-PWS/PWG080</b>																										1			2		
<b>SK-PWS/PWG100</b>																											1		2		
<b>SK-PWS/PWG125</b>																											1		2		
<b>SK-PWG050-8</b>																													8		
<b>SK-PWG065-8</b>																													8		
<b>SK-PWG080-8</b>																													8		
<b>SK-PWG100-8</b>																													8		
<b>SK-PWG125-8</b>																													8		

## Adsorption

### Maintenance kits for ZANDER adsorption dryer KEN-MT2000-10000 (2003-2007)



For ZANDER adsorption dryer KEN-MT series, built from mid of 2003 to spring 2007, the maintenance kits SK-KEN..03 are available. They contain all necessary wear parts for each maintenance interval. Silencer and filter elements for pre- and after-filters are not included and to order separately. The desiccant bundles SEDAFILL include the exact volume of desiccant for a desiccant change. Flow distributor and flange gaskets are not included and to order separately, if needed. During regular maintenances the dew-point meter should be replaced by a new sensor type SP-ESH420

<i>maintenance kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SK-KEN-MT2000-10000/1203</b>	KEN-MT2000 .. KEN-MT10000	12 months	81
<b>SK-KEN-MT2000/2403</b>	KEN-MT2000	24 months	81
<b>SK-KEN-MT2600-3800/2403</b>	KEN-MT2600 .. KEN-MT3800	24 months	81
<b>SK-KEN-MT5000-8000/2403</b>	KEN-MT5000 .. KEN-MT8000	24 months	81
<b>SK-KEN-MT10000/2403</b>	KEN-MT10000	24 months	81
<b>SK-KEN-MT2000/4803</b>	KEN-MT2000	48 months	81
<b>SK-KEN-MT2600-3100/4803</b>	KEN-MT2600 .. KEN-MT3100	48 months	81
<b>SK-KEN-MT3800/4803</b>	KEN-MT3800	48 months	81
<b>SK-KEN-MT5000/4803</b>	KEN-MT5000	48 months	81
<b>SK-KEN-MT6000-8000/4803</b>	KEN-MT6000 .. KEN-MT8000	48 months	81
<b>SK-KEN-MT10000/4803</b>	KEN-MT10000	48 months	81

#### *silencer*

<b>SP-FSC50</b>	KEN-MT2000 .. KEN-MT3800	quantity needed	2	12 months	81
<b>SP-FSC80</b>	KEN-MT5000 .. KEN-MT8000	quantity needed	4	12 months	81
	KEN-MT10000	quantity needed	4	12 months	81

#### *desiccant bundles*

<b>SEDAFILL-54WS-245MS</b>	KEN-MT2000	299 kg	48 months	85
<b>SEDAFILL-72WS-295MS</b>	KEN-MT2600	367 kg	48 months	85
<b>SEDAFILL-94WS-420MS</b>	KEN-MT3100	514 kg	48 months	85
<b>SEDAFILL-130WS-473MS</b>	KEN-MT3800	603 kg	48 months	85
<b>SEDAFILL-130WS-594MS</b>	KEN-MT5000	724 kg	48 months	85
<b>SEDAFILL-170WS-745MS</b>	KEN-MT6000	915 kg	48 months	85
<b>SEDAFILL-260WS-988MS</b>	KEN-MT8000	1248 kg	48 months	85
<b>SEDAFILL-296WS-1260MS</b>	KEN-MT1000	1556 kg	48 months	85

#### *flow distributor incl. 2 flange flat gaskets*

<b>SK-PWS/PWG050</b>	KEN-MT2000	if required	81
<b>SK-PWS/PWG065</b>	KEN-MT2600 .. KEN-MT3100	if required	81
<b>SK-PWS/PWG080</b>	KEN-MT3800 .. KEN-MT5000	if required	81
<b>SK-PWS/PWG100</b>	KEN-MT6000 .. KEN-MT8000	if required	81
<b>SK-PWS/PWG125</b>	KEN-MT10000	if required	81

\*for each vessel 1 piece is necessary, for one dryer 2 pieces are required

#### *gasket kits (flat gaskets DIN-flange)*

<b>SK-PWG050-8</b>	KEN-MT2000	48 months	81
<b>SK-PWG065-8</b>	KEN-MT2600 .. KEN-MT3100	48 months	81
<b>SK-PWG080-8</b>	KEN-MT3800 .. KEN-MT5000	48 months	81
<b>SK-PWG100-8</b>	KEN-MT6000 .. KEN-MT8000	48 months	81
<b>SK-PWG125-8</b>	KEN-MT10000	48 months	81

#### *dew-point transmitter*

<b>SP-ESH420</b>	dew-point -100..+20°C, 4..20mA	12 months	82
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## Adsorption

### Maintenance kits for ZANDER adsorption dryer KEN-MT2000-10000 (2003-2007)

	reset module	Multitronic	pilot valve	NC	control valve block	control air filter	rep.kit expansion G1 ½	rep.kit expansion G2	rep.kit expansion DN50	rep.kit expansion DN80	non return valve DN50	non return valve DN65	non return valve DN80	non return valve DN100	non return valve DN125	silencer G2	silencer G3	SEDAPAC 4WS	SEDAPAC 18MS	SEDAPAC 130MS	SEDAPAC 4MS	SEDAPAC 15MS	SEDAPAC 140MS	flow distributor DN50	flow distributor DN65	flow distributor DN80	flow distributor DN100	flow distributor DN125	flange gasket						
SK-KEN-MT2000-10000/1203	1	4	1																																
SK-KEN-MT2000/2403	1	4	1	2																															
SK-KEN-MT2600-3800/2403	1	4	1		2																														
SK-KEN-MT5000-8000/2403	1	4	1			2																													
SK-KEN-MT10000/2403	1	4	1				2																												
SK-KEN-MT2000/4803	1	1	1	2					2																										
SK-KEN-MT2600-3100/4803	1	1	1		2						2																								
SK-KEN-MT3800/4803	1	1	1		2								2																						
SK-KEN-MT5000/4803	1	1	1			2							2																						
SK-KEN-MT6000-8000/4803	1	1	1			2								2																					
SK-KEN-MT10000/4803	1	1	1					2							2																				
SP-FSC50	quantity needed for KEN-MT2000 .. KEN-MT 3800															2																			
SP-FSC80	quantity needed for KEN-MT5000 .. KEN-MT 8000															4																			
	quantity needed for KEN-MT10000																4																		
SEDAFILL-54WS-245MS																			3			7	1												
SEDAFILL-72WS-295MS																			4			1	2												
SEDAFILL-94WS-420MS																		1	5				3												
SEDAFILL-130WS-473MS																				1	2	3	3												
SEDAFILL-130WS-594MS																				1	1	2	4												
SEDAFILL-170WS-745MS																		1	2	1	3	5													
SEDAFILL-260WS-988MS																				2	2		7												
SEDAFILL-296WS-1260MS																				2	2		9												
SK-PWS/PWG050																							1							2					
SK-PWS/PWG065																								1							2				
SK-PWS/PWG080																									1						2				
SK-PWS/PWG100																										1					2				
SK-PWS/PWG125																											1				2				
SK-PWG050-8																															8				
SK-PWG065-8																															8				
SK-PWG080-8																															8				
SK-PWG100-8																															8				
SK-PWG125-8																															8				

## Adsorption

### Maintenance kits for ZANDER adsorption dryer KEN2000-10000 (1999-2003)



Maintenance kits SK-KEN..99 are suitable for ZANDER adsorption dryer KEN series, built between 1999 and 2003. They contain all wearing parts for the according maintenance interval.

Silencers and filter elements for pre- and after-filters are not included and to order separately.

The SEDAFILL-bundles include the exact amount of desiccant and new flow distributors.

Flow distributor and flange gaskets are not included and to order separately, if needed.

During regular maintenances the dew-point meter should be replaced by a new sensor type SP-ESH420.

<i>maintenance kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SK-KEN2000-10000/1299</b>	KEN2000 .. KEN10000	12 months	81
<b>SK-KEN2000/2499</b>	KEN2000	24 months	81
<b>SK-KEN2600-3800/2499</b>	KEN2600 .. KEN3800	24 months	81
<b>SK-KEN5000-8000/2499</b>	KEN5000 .. KEN8000	24 months	81
<b>SK-KEN10000/2499</b>	KEN10000	24 months	81
<b>SK-KEN2000/4899</b>	KEN2000 .. KEN3800	48 months	81
<b>SK-KEN2600-3100/4899</b>	KEN2600 .. KEN3100	48 months	81
<b>SK-KEN3800/4899</b>	KEN3800	48 months	81
<b>SK-KEN5000/4899</b>	KEN5000	48 months	81
<b>SK-KEN6000-8000/4899</b>	KEN6000 .. KEN8000	48 months	81
<b>SK-KEN10000/4899</b>	KEN10000	48 months	81

#### *silencer*

<b>SP-FSC50</b>	KEN2000 .. KEN3800	quantity needed	2	12 months	81
<b>SP-FSC80</b>	KEN5000 .. KEN8000	quantity needed	4	12 months	81
	KEN10000	quantity needed	4	12 months	81

#### *dessicant bundles*

<b>SEDAFILL-54WS-245MS</b>	KEN2000	299 kg	48 months	85
<b>SEDAFILL-72WS-295MS</b>	KEN2600	367 kg	48 months	85
<b>SEDAFILL-94WS-420MS</b>	KEN3100	514 kg	48 months	85
<b>SEDAFILL-130WS-473MS</b>	KEN3800	603 kg	48 months	85
<b>SEDAFILL-130WS-594MS</b>	KEN5000	724 kg	48 months	85
<b>SEDAFILL-170WS-745MS</b>	KEN6000	915 kg	48 months	85
<b>SEDAFILL-260WS-988MS</b>	KEN8000	1248 kg	48 months	85
<b>SEDAFILL-296WS-1260MS</b>	KEN10000	1556 kg	48 months	85

#### *flow distributor incl. 2 flange flat gaskets*

<b>SK-PWS/PWG050</b>	KEN2000	if required	81
<b>SK-PWS/PWG065</b>	KEN2600 .. KEN3100	if required	81
<b>SK-PWS/PWG080</b>	KEN3800 .. KEN5000	if required	81
<b>SK-PWS/PWG100</b>	KEN6000 .. KEN8000	if required	81
<b>SK-PWS/PWG125</b>	KEN10000	if required	81

\*for each vessel 1 piece is necessary, for a dessicant change 2 pieces are required

#### *gasket kits (flange gaskets DIN-flange)*

<b>SK-PWG050-8</b>	KEN2000	48 months	81
<b>SK-PWG065-8</b>	KEN2600 .. KEN3100	48 months	81
<b>SK-PWG080-8</b>	KEN3800 .. KEN5000	48 months	81
<b>SK-PWG100-8</b>	KEN6000 .. KEN8000	48 months	81
<b>SK-PWG125-8</b>	KEN10000	48 months	81

#### *dew-point transmitter*

<b>SP-ESH420</b>	dew-point -100..+20°C, 4..20mA	12 months	82
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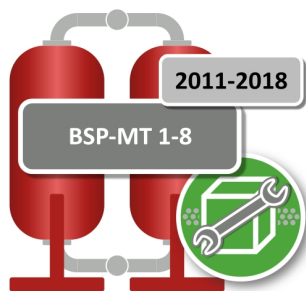
## Adsorption

### Maintenance kits for ZANDER adsorption dryer KEN2000-10000 (1999-2003)

	filling moisture indicator	pilot valve NC	control valve block	control air filter	rep.kit expansion G1 ½	rep.kit expansion G2	rep.kit expansion DN50	rep.kit expansion DN80	non return valve DN50	non return valve DN65	non return valve DN80	non return valve DN100	non return valve DN125	silencer G2	silencer G3	SEDAPAC 4WS	SEDAPAC 18MS	SEDAPAC 130MS	SEDAPAC 4MS	SEDAPAC 15MS	SEDAPAC 140MS	flow distributor DN50	flow distributor DN65	flow distributor DN80	flow distributor DN100	flow distributor DN125	flange gasket		
SK-KEN2000-10000/1299	1	4	1																										
SK-KEN2000/2499	1	4	1	2																									
SK-KEN2600-3800/2499	1	4	1	2																									
SK-KEN5000-8000/2499	1	4	1		2																								
SK-KEN10000/2499	1	4	1			2																							
SK-KEN2000/4899	1	1	1	2				2																					
SK-KEN2600-3100/4899	1	1	1	2					2																				
SK-KEN3800/4899	1	1	1	2							2																		
SK-KEN5000/4899	1	1	1			2					2																		
SK-KEN6000-8000/4899	1	1	1			2						2																	
SK-KEN10000/4899	1	1	1				2						2																
SP-FSC50	quantity needed for KEN2000 .. KEN3800													2															
SP-FSC80	quantity needed for KEN5000 .. KEN8000													4															
	quantity needed for KEN10000														4														
SEDAFILL-54WS-245MS																	3			7	1								
SEDAFILL-72WS-295MS																	4			1	2								
SEDAFILL-94WS-420MS																1	5				3								
SEDAFILL-130WS-473MS																		1	2	3	3								
SEDAFILL-130WS-594MS																		1	1	2	4								
SEDAFILL-170WS-745MS															1	2	1		3	5									
SEDAFILL-260WS-988MS																		2	2		7								
SEDAFILL-296WS-1260MS																	2	2			9								
SK-PWS/PWG050																						1					2		
SK-PWS/PWG065																							1				2		
SK-PWS/PWG080																								1			2		
SK-PWS/PWG100																									1		2		
SK-PWS/PWG125																									1		2		
SK-PWG050-8																											8		
SK-PWG065-8																											8		
SK-PWG080-8																											8		
SK-PWG100-8																											8		
SK-PWG125-8																											8		

## Adsorption

### Maintenance kits for ZANDER breathing air adsorption dryer BSP-MT1-8 (2011-2018)



The maintenance packages SK-BSP-MT...11 are available for the ZANDER breathing air adsorption dryers of the BSP-MT series built from July 2011 to December 2018.

These service packages contain both the mechanical wear parts and all seal kits that are required when changing the drying agent or cleaning agent. The matching filter elements of the Zander GL series and the silencers are also included

The fillings for the dryer section (SEDAFILL... AB) and the cleaning stage (SEDAFILL...A..CL) must be changed according to the intervals given below. During regular maintenance, the dew point sensor should always be replaced with a factory-calibrated sensor of the type SP-ESH420.

<i>maintenance kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>	<i>mainte-nance</i>
<b>SK-BSP-MT1-4/1211</b>	BSP-MT1...BSP-MT4		12 months	81
<b>SK-BSP-MT6-7/1211</b>	BSP-MT6...BSP-MT7		12 months	81
<b>SK-BSP-MT8/1211</b>	BSP-MT8		12 months	81
<b>SK-BSP-MT1-4/2411</b>	BSP-MT1...BSP-MT4		24 months	81
<b>SK-BSP-MT6-7/2411</b>	BSP-MT6...BSP-MT7		24 months	81
<b>SK-BSP-MT8/2411</b>	BSP-MT8		24 months	81
<b>SK-BSP-MT1-4/4811</b>	BSP-MT1...BSP-MT4		48 months	81
<b>SK-BSP-MT6-7/4811</b>	BSP-MT6...BSP-MT7		48 months	81
<b>SK-BSP-MT8/4811</b>	BSP-MT8		48 months	81
<i>gasket kits for dryer</i>				
<b>SR-SGP-KMT1-4</b>	BSP-MT1...BSP-MT4		if required	82
<b>SR-SGP-KMT6-8</b>	BSP-MT6...BSP-MT8		if required	82
<b>SK-AKM1-4/1203</b>	cleaning stage BSP-MT 1...BSP-MT4		if required	81
<b>SK-AKM6-8/1203</b>	cleaning stage BSP-MT 6...BSP-MT8		if required	81
<i>dessicant bundles</i>				
<b>SEDAPAC-2AB</b>	BSP-MT1	2 kg	24 months	85
<b>SEDAFILL-4AB</b>	BSP-MT2	4 kg	24 months	85
<b>SEDAPAC-6AB</b>	BSP-MT3	6 kg	24 months	85
<b>SEDAFILL-8AB</b>	BSP-MT4	8 kg	24 months	85
<b>SEDAFILL-14AB</b>	BSP-MT6	14 kg	24 months	85
<b>SEDAFILL-18AB</b>	BSP-MT7	18 kg	24 months	85
<b>SEDAPAC-20AB</b>	BSP-MT8	20 kg	24 months	85
<i>indicator tube for oil vapour</i>				
<b>SP-FAI-IOP02</b>	BSP-MT1....BSP-MT4		if required	82
<i>activated carbon-/ CO-catalyst bundle</i>				
<b>SEDAFILL-0.5A-0.4CL</b>	cleaning stage BSP-MT1	0,9 kg	12 months	85
<b>SEDAFILL-1A-0.8CL</b>	cleaning stage BSP-MT2	1,8 kg	12 months	85
<b>SEDAFILL-3A-1.2CL</b>	cleaning stage BSP-MT3	4,2 kg	12 months	85
<b>SEDAFILL-3A-1.6CL</b>	cleaning stage BSP-MT4	4,6 kg	12 months	85
<b>SEDAFILL-3A-2.4CL</b>	cleaning stage BSP-MT6	5,4 kg	12 months	85
<b>SEDAFILL-3.5A-4CL</b>	cleaning stage BSP-MT7	7,5 kg	12 months	85
<b>SEDAFILL-4A-4CL</b>	cleaning stage BSP-MT8	8,0 kg	12 months	85
<i>dew-point transmitter</i>				
<b>SP-ESH420</b>	dew-point -100..+20°C, 4..20mA		12 months	82



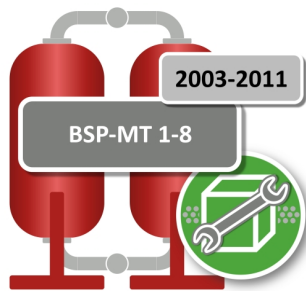
## Adsorption

### Maintenance kits for ZANDER breathing air adsorption dryer BSP-MT1-8 (2011-2018)

	reset module Multitronic	filter element ERZAE1008	filter element ERZAE2010	filter element ERZAE2020	inlet valve NO	expansion valve NC	non return valve	solenoid coil 230AC	seal 80 twin profile	sieve plate 80 twin profile	demister 80 profile	seal 100 twin profile	sieve plate 100 twin profile	demister 100 profile	seal 80 single profile	sieve plate 80 single profile	seal 100 single profile	sieve plate 100 single profile	indicator tube for oil vapour	silencer G1/4	silencer G1/2	SEDAPAC 2AB	SEDAPAC 6AB	SEDAPAC 20AB	SEDAPAC 1A (0,5kg)	SEDAPAC 3A	SEDAPAC 1Cl(0,4 kg)	SEDAPAC 4Cl		
SK-BSP-MT1-4/1211	1	3													4	2				1										
SK-BSP-MT6-7/1211	1		3														4	2				1								
SK-BSP-MT8/1211	1			3													4	2												
SK-BSP-MT1-4/2411	1	3			2	2									4	2				1										
SK-BSP-MT6-7/2411	1		3		2	2											4	2												
SK-BSP-MT8/2411	1			3	2	2											4	2												
SK-BSP-MT1-4/4811	1	3			2	2	2	4	4	2	2				4	2				1										
SK-BSP-MT6-7/4811	1		3		2	2	2	4				4	2	2			4	2												
SK-BSP-MT8/4811	1			3	2	2	2	4				4	2	2			4	2												
SR-SGP-KMT1-4								4	2	2																				
SR-SGP-KMT6-8												4	2	2																
SK-AKM1-4/1203															4	2				1										
SK-AKM6-8/1203																	4	2		1										
SEDAPAC-2AB																						1								
SEDAFILL-4AB																						2								
SEDAPAC-6AB																								1						
SEDAFILL-8AB																						1			1					
SEDAFILL-14AB																						1			2					
SEDAFILL-18AB																								3						
SEDAPAC-20AB																												1		
SP-FAI-IOP02																													1	
SEDAFILL-0.5A-0.4CL																												1	1	
SEDAFILL-1A-0.8CL																												2	2	
SEDAFILL-3A-1.2CL																													1	3
SEDAFILL-3A-1.6CL																													1	4
SEDAFILL-3A-2.4CL																													1	6
SEDAFILL-3.5A-4CL																											1	1		1
SEDAFILL-4A-4CL																											2	1		1

## Adsorption

### Maintenance kits for ZANDER breathing air adsorption dryer BS-MT1-8 ; BSP-MT1-8 (2003-2011)



For ZANDER breathing air adsorption dryers of BS-MT and BSP-MT series, built since 2003, SK-BSP-MT.. 03 maintenance kits are available.

These service packages contain both, mechanical parts and all gaskets, which are required when changing the desiccant or the cleaning materials.

The bulk materials for the dryer part (SEDAFILL..AB) and the cleaning stage (SEDAFILL..A..CL) are to change according to the intervals indicated below. For a complete maintenance, suitable pre- and after-filter elements are not included and to order separately. During regular maintenances the dew point meter should be replaced by a sensor of type SP-ESH420.

<i>maintenance kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SK-BSP-MT1-4/1203</b>	BS-MT 1-4 ; BSP-MT 1-4	12 months	81
<b>SK-BSP-MT6-8/1203</b>	BS-MT 6-8 ; BSP-MT 6-8	12 months	81
<b>SK-BSP-MT1-4/2403</b>	BS-MT 1-4 ; BSP-MT 1-4	24 months	81
<b>SK-BSP-MT6-8/2403</b>	BS-MT 6-8 ; BSP-MT 6-8	24 months	81

#### *gasket kits for dryer*

<b>SR-SGP-KMT1-4</b>	BS-MT 1-4 ; BSP-MT 1-4	if required	82
<b>SR-SGP-KMT6-8</b>	BS-MT 6-8 ; BSP-MT 6-8	if required	82
<b>SK-AKM1-4/1203</b>	cleaning stage BS-MT 1-4 ; BSP-MT 1-4	if required	81
<b>SK-AKM6-8/1203</b>	cleaning stage BS-MT 6-8 ; BSP-MT 6-8	if required	81

#### *silencers*

<b>SP-FSC08-PX</b>	BS-MT 1-4 ; BSP-MT 1-4	12 months	82
<b>SP-FSC15</b>	BS-MT 6-8 ; BSP-MT 6-8	12 months	82

#### *filter silencer (\*optionally)*

<b>SP-FSC15-KNX</b>	BS-MT 6-8 ; BSP-MT 6-8	12 months	82
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#### *desiccant bundles*

<b>SEDAFAC-2AB</b>	BS-MT1 ; BSP-MT1	2 kg	24 months	85
<b>SEDAFILL-4AB</b>	BS-MT2 ; BSP-MT2	4 kg	24 months	85
<b>SEDAFAC-6AB</b>	BS-MT3 ; BSP-MT3	6 kg	24 months	85
<b>SEDAFILL-8AB</b>	BS-MT4 ; BSP-MT4	8 kg	24 months	85
<b>SEDAFILL-14AB</b>	BS-MT6 ; BSP-MT6	14 kg	24 months	85
<b>SEDAFILL-18AB</b>	BS-MT7 ; BSP-MT7	18 kg	24 months	85
<b>SEDAFAC-20AB</b>	BS-MT8 ; BSP-MT8	20 kg	24 months	85

#### *activated carbon-/ CO-catalyst bundle*

<b>SEDAFILL-0.5A-0.4CL</b>	cleaning stage BS-MT1 ; BSP-MT1	0,9 kg	12 months	85
<b>SEDAFILL-1A-0.8CL</b>	cleaning stage BS-MT2 ; BSP-MT2	1,8 kg	12 months	85
<b>SEDAFILL-3A-1.2CL</b>	cleaning stage BS-MT3 ; BSP-MT3	4,2 kg	12 months	85
<b>SEDAFILL-3A-1.6CL</b>	cleaning stage BS-MT4 ; BSP-MT4	4,6 kg	12 months	85
<b>SEDAFILL-3A-2.4CL</b>	cleaning stage BS-MT6 ; BSP-MT6	5,4 kg	12 months	85
<b>SEDAFILL-3.5A-4CL</b>	cleaning stage BS-MT7 ; BSP-MT7	7,5 kg	12 months	85
<b>SEDAFILL-4A-4CL</b>	cleaning stage BS-MT8 ; BSP-MT8	8,0 kg	12 months	85

#### *dew-point transmitter*

<b>SP-ESH420</b>	dew-point -100..+20°C, 4..20mA	12 months	82
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## Adsorption

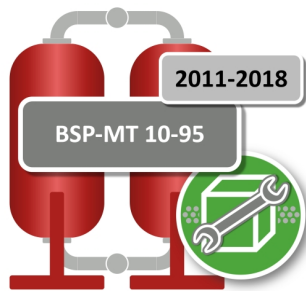
Maintenance kits for ZANDER breathing air adsorption dryer BS-MT 1-8 ; BSP-MT 1-8 (2003-2011)

	reset module	Multitronic	inlet valve NO	expansion valve NC	non return valve	solenoid coil 230AC	seal 80 twin profile	sieve plate 80 twin profile	demister 80 profile	seal 100 twin profile	sieve plate 100 twin profile	demister 100 profile	seal 80 single profile	sieve plate 80 single profile	seal 100 single profile	sieve plate 100 single profile	indicator tube for oil vapour	silencer G1/4	silencer G1/2	SEDAPAC 2AB	SEDAPAC 6AB	SEDAPAC 20AB	SEDAPAC 1A (0,5kg)	SEDAPAC 3A	SEDAPAC 1CL(0,4 kg)	SEDAPAC 4CL	
<b>SK-BSP-MT1-4/1203</b>	1												4	2													
<b>SK-BSP-MT6-8/1203</b>	1														4	2											
<b>SK-BSP-MT1-4/2403</b>	1	2	2	2	4	4	2	4					4	2													
<b>SK-BSP-MT6-8/2403</b>	1	2	2	2	4					4	2	4			4	2											
<b>SR-SGP-KMT1-4</b>						4	2	2																			
<b>SR-SGP-KMT6-8</b>										4	2	2															
<b>SK-AKM1-4/1203</b>													4	2													1
<b>SK-AKM6-8/1203</b>															4	2	1										
<b>SP-FSC08-PX</b>																	1										
<b>SP-FSC15</b>																		1									
<b>SP-FSC15-KNX</b>																			*								
<b>SEDAPAC-2AB</b>																				1							
<b>SEDAFILL-4AB</b>																				2							
<b>SEDAPAC-6AB</b>																						1					
<b>SEDAFILL-8AB</b>																					1	1					
<b>SEDAFILL-14AB</b>																					1	2					
<b>SEDAFILL-18AB</b>																						3					
<b>SEDAPAC-20AB</b>																							1				
<b>SEDAFILL-0.5A-0.4CL</b>																							1		1		
<b>SEDAFILL-1A-0.8CL</b>																							2		2		
<b>SEDAFILL-3A-1.2CL</b>																								1	3		
<b>SEDAFILL-3A-1.6CL</b>																								1	4		
<b>SEDAFILL-3A-2.4CL</b>																								1	6		
<b>SEDAFILL-3.5A-4CL</b>																							1	1		1	
<b>SEDAFILL-4A-4CL</b>																							2	1		1	

\* optionally equipped with filter silencer

## Adsorption

### Maintenance kits for ZANDER breathing air adsorption dryer BSP-MT10-95 (2011-2018)



The maintenance packages for the ZANDER breathing air desiccant dryers of the series and BSP-MT, which were built from July 2011 to December 2018, contain all mechanical wear parts as well as silencers and the filter elements for pre- and post-filters.

The fillings for the dryer section (SEDAFILL... AB) and the cleaning stage (SEDAFILL...A.CL) must be changed according to the intervals given below. If the drying agent and / or cleaning agent is changed, the flow distributors must be ordered in addition to the drying agent containers if required. During regular maintenance, the dew point sensor should always be calibrated against a factory-calibrated one. Sensor of the type SP-ESH420 must be replaced.

<i>maintenance kit</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SK-BSP-MT010-020/1211</b>	BSP-MT10...BSP-MT20	12 months	81
<b>SK-BSP-MT025/1211</b>	BSP-MT25	12 months	81
<b>SK-BSP-MT035/1211</b>	BSP-MT35	12 months	81
<b>SK-BSP-MT045/1211</b>	BSP-MT45	12 months	81
<b>SK-BSP-MT060-075/1211</b>	BSP-MT60...BSP-MT75	12 months	81
<b>SK-BSP-MT095/1211</b>	BSP-MT95	12 months	81
<b>SK-BSP-MT010-020/2411</b>	BSP-MT10...BSP-MT20	24 months	81
<b>SK-BSP-MT025/2411</b>	BSP-MT25	24 months	81
<b>SK-BSP-MT035/2411</b>	BSP-MT35	24 months	81
<b>SK-BSP-MT045/2411</b>	BSP-MT45	24 months	81
<b>SK-BSP-MT060-075/2411</b>	BSP-MT60...BSP-MT75	24 months	81
<b>SK-BSP-MT095/2411</b>	BSP-MT95	24 months	81

#### *desiccant bundles*

<b>SEDAFILL-30AB</b>	BSP-MT10	30 kg	24 months	85
<b>SEDAFILL-38AB</b>	BSP-MT15	38 kg	24 months	85
<b>SEDAFILL-52AB</b>	BSP-MT20	52 kg	24 months	85
<b>SEDAFILL-66AB</b>	BSP-MT25	66 kg	24 months	85
<b>SEDAFILL-80AB</b>	BSP-MT35	80 kg	24 months	85
<b>SEDAFILL-100AB</b>	BSP-MT45	100 kg	24 months	85
<b>SEDAPAC-150AB</b>	BSP-MT60	150 kg	24 months	85
<b>SEDAFILL-190AB</b>	BSP-MT75	190 kg	24 months	85
<b>SEDAFILL-250AB</b>	BSP-MT95	250 kg	24 months	85

#### *activated carbon bundle for cleaning stage*

<b>SEDAFILL-6A-5.6CL</b>	BSP-MT10	11,6 kg	12 months	85
<b>SEDAFILL-9A-8CL</b>	BSP-MT15	17,0 kg	12 months	85
<b>SEDAFILL-10A-9.6CL</b>	BSP-MT20	19,6 kg	12 months	85
<b>SEDAFILL-13A-12CL</b>	BSP-MT25	25,0 kg	12 months	85
<b>SEDAFILL-16A-16CL</b>	BSP-MT35	32,0 kg	12 months	85
<b>SEDAFILL-20A-20CL</b>	BSP-MT45	40,0 kg	12 months	85
<b>SEDAFILL-30A-28CL</b>	BSP-MT60	58,0 kg	12 months	85
<b>SEDAFILL-40A-36CL</b>	BSP-MT75	76,0 kg	12 months	85
<b>SEDAFILL-50A-48CL</b>	BSP-MT95	98,0 kg	12 months	85

#### *flow distributor: for each vessel (upside)*

<b>SP-PWS25KE10-25-OMG</b>	BSP-MT10...BSP-MT-25	if required	82
<b>SP-PWS40KE35-60-OMG</b>	BSP-MT35...BSP-MT60	if required	82
<b>SP-PWS50KE75-95-OMG</b>	BSP-MT75...BSP-MT95	if required	82

\* for each vessel 1 piece is required, for a desiccant change 2 pieces, for a change of activated carbon 1 piece

#### *dew-point transmitter*

<b>SP-ESH420</b>	Dew-point -100..+20°C, 4..20mA	12 months	82
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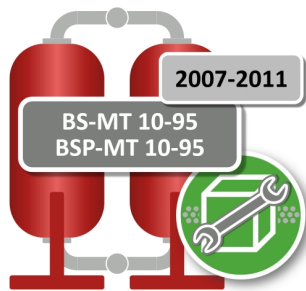
## Adsorption

Maintenance kits for ZANDER breathing air adsorption dryer BSP-MT10-95 (2011-2018)

	reset module	Multitronic	filter element ERZAE3025	filter element ERZAE3040	filter element ERZAE4040	filter element ERZAE4050	filter element ERZAE4065	pilot valve NO	pilot valve NC	solenoid coil 230 VAC	inlet valve DN32	inlet valve DN50	expansion valve DN32	expansion valve DN50	non return valve DN32	non return valve DN50	silencer G 1	silencer G 1 ½	silencer G 2	SEDAPAC 2AB	SEDAPAC 6AB (5,8 kg)	SEDAPAC 20AB	SEDAPAC 150AB	SEDAPAC 3A	SEDAPAC 10A	SEDAPAC 1CL (0,4 kg)	SEDAPAC 4CL	flow distributor G 1	flow distributor G 1 ½	flow distributor G 2		
SK-BSP-MT010-020/1211	1	3						2	2								1															
SK-BSP-MT025/1211	1		3					2	2								1															
SK-BSP-MT035/1211	1		3					2	2																							
SK-BSP-MT045/1211	1			3				2	2																							
SK-BSP-MT060-075/1211	1				3			2	2																							
SK-BSP-MT095/1211	1					3		2	2																							
SK-BSP-MT010-020/2411	1	3						2	2	4	2		2		2		1															
SK-BSP-MT025/2411	1		3					2	2	4	2		2		2		1															
SK-BSP-MT035/2411	1		3					2	2	4	2		2		2		1															
SK-BSP-MT045/2411	1			3				2	2	4	2		2		2		1															
SK-BSP-MT060-075/2411	1				3			2	2	4	2		2		2		1															
SK-BSP-MT095/2411	1					3		2	2	4	2		2		2		1															
SEDAFILL-30AB																			1	1	1											
SEDAFILL-38AB																				3	1											
SEDAFILL-52AB																				2	2											
SEDAFILL-66AB																				1	3											
SEDAFILL-80AB																						4										
SEDAFILL-100AB																						5										
SEDAPAC-150AB																							1									
SEDAFILL-190AB																						2	1									
SEDAFILL-250AB																						5	1									
SEDAFILL-6A-5.6CL																							2		4	1						
SEDAFILL-9A-8CL																							3			2						
SEDAFILL-10A-9.6CL																								1	1	4	2					
SEDAFILL-13A-12CL																								1	1	3						
SEDAFILL-16A-16CL																								2	1	4						
SEDAFILL-20A-20CL																									2	5						
SEDAFILL-30A-28CL																									3	7						
SEDAFILL-40A-36CL																									4	9						
SEDAFILL-50A-48CL																									5	12						
SP-PWS25KE10-25-OMG																												1				
SP-PWS40KE35-60-OMG																													1			
SP-PWS50KE75-95-OMG																														1		

## Adsorption

### Maintenance kits for ZANDER breathing air adsorption dryer BS-MT 10-95 ; BSP-MT 10-95 (2007-2011)



Maintenance kits for ZANDER breathing air adsorption dryers of BS-MT and BSP-MT series, built since spring 2007, contain all mechanical wear parts and each one has a reset module to reset the service indicator.

Depending on the maintenance interval silencers as well as filter elements for pre- and after-filters are not included and to order separately.

The bulk materials for the dryer part (SEDAFILL..AB) and the cleaning stage (SEDAFILL..A..CL) are to change according to the intervals indicated below. During a desiccant and/or cleaning change, in addition to desiccant bundles, the flow distributors are not included and to order separately, if necessary. During regular maintenances the dew-point meter should be replaced by a new sensor type SP-ESH420.

<i>maintenance kit</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SK-BSP-MT010-095/1207</b>	BS-MT 10 .. 95 ; BSP-MT 10 .. 95	12 months	81
<b>SK-BSP-MT010-025/2407</b>	BS-MT 10 .. 25 ; BSP-MT 10 .. 25	24 months	81
<b>SK-BSP-MT035-095/2407</b>	BS-MT 35 .. 95 ; BSP-MT 35 .. 95	24 months	81

#### *silencer*

<b>SP-FSC25</b>	BS-MT 10 .. 25 ; BSP-MT 10 .. 25	12 months	82
<b>SP-FSC40</b>	BS-MT 35 .. 60 ; BSP-MT 35 .. 60	12 months	82
<b>SP-FSC50</b>	BS-MT 75 .. 95 ; BSP-MT 75 .. 95	12 months	82

#### *desiccant bundles*

<b>SEDAFILL-30AB</b>	BS-MT10 ; BSP-MT10	30 kg	24 months	85
<b>SEDAFILL-38AB</b>	BS-MT15 ; BSP-MT15	38 kg	24 months	85
<b>SEDAFILL-52AB</b>	BS-MT20 ; BSP-MT20	52 kg	24 months	85
<b>SEDAFILL-66AB</b>	BS-MT25 ; BSP-MT25	66 kg	24 months	85
<b>SEDAFILL-80AB</b>	BS-MT35 ; BSP-MT35	80 kg	24 months	85
<b>SEDAFILL-100AB</b>	BS-MT45 ; BSP-MT45	100 kg	24 months	85
<b>SEDAPAC-150AB</b>	BS-MT60 ; BSP-MT60	150 kg	24 months	85
<b>SEDAFILL-190AB</b>	BS-MT75 ; BSP-MT75	190 kg	24 months	85
<b>SEDAFILL-250AB</b>	BS-MT95 ; BSP-MT95	250 kg	24 months	85

#### *flow distributor: for each vessel (upside)*

<b>SP-PWS25KE10-25-OMG</b>	BS-MT 10 .. 25 ; BSP-MT 10 .. 25	if required	81
<b>SP-PWS40KE35-60-OMG</b>	BS-MT 35 .. 60 ; BSP-MT 35 .. 60	if required	81
<b>SP-PWS50KE75-95-OMG</b>	BS-MT 75 .. 95 ; BSP-MT 75 .. 95	if required	81

#### *activated carbon bundle for cleaning stage*

<b>SEDAFILL-6A-5.6CL</b>	BS-MT10 ; BSP-MT10	11,6 kg	12 months	85
<b>SEDAFILL-9A-8CL</b>	BS-MT15 ; BSP-MT15	17,0 kg	12 months	85
<b>SEDAFILL-10A-9.6CL</b>	BS-MT20 ; BSP-MT20	19,6 kg	12 months	85
<b>SEDAFILL-13A-12CL</b>	BS-MT25 ; BSP-MT25	25,0 kg	12 months	85
<b>SEDAFILL-16A-16CL</b>	BS-MT35 ; BSP-MT35	32,0 kg	12 months	85
<b>SEDAFILL-20A-20CL</b>	BS-MT45 ; BSP-MT45	40,0 kg	12 months	85
<b>SEDAFILL-30A-28CL</b>	BS-MT60 ; BSP-MT60	58,0 kg	12 months	85
<b>SEDAFILL-40A-36CL</b>	BS-MT75 ; BSP-MT75	76,0 kg	12 months	85
<b>SEDAFILL-50A-48CL</b>	BS-MT95 ; BSP-MT95	98,0 kg	12 months	85

#### *dew-point transmitter*

<b>SP-ESH420</b>	Dew-point -100..+20°C, 4..20mA	12 months	82
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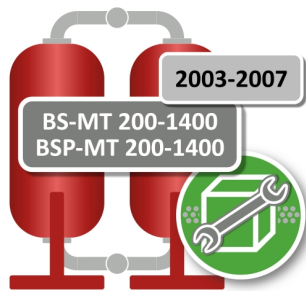
## Adsorption

Maintenance kits for ZANDER breathing air adsorption dryer BS-MT 10-95 ; BSP-MT 10-95 (2007-2011)

	reset module Multitronic	pilot valve NO	pilot valve NC	solenoid coil 230 VAC	inlet valve DN32	inlet valve DN50	expansion valve DN32	expansion valve DN50	non return valve DN32	non return valve DN50	silencer G 1	silencer G 1 ½	silencer G 2	SEDAPAC 2AB	SEDAPAC 6AB (5,8 kg)	SEDAPAC 20AB	SEDAPAC 150AB	flow distributor G 1	flow distributor G 1 ½	flow distributor G 2	SEDAPAC 3A	SEDAPAC 10A	SEDAPAC 1CL (0,4 kg)	SEDAPAC 4CL
SK-BSP-MT010-095/1207	1	2	2																					
SK-BSP-MT010-025/2407	1	2	2	4	2		2		2															
SK-BSP-MT035-095/2407	1	2	2	4		2		2		2														
SP-FSC25											1													
SP-FSC40												1												
SP-FSC50													1											
SEDAFILL-30AB														2	1	1								
SEDAFILL-38AB															3	1								
SEDAFILL-52AB															2	2								
SEDAFILL-66AB															1	3								
SEDAFILL-80AB																4								
SEDAFILL-100AB																5								
SEDAPAC-150AB																	1							
SEDAFILL-190AB																2	1							
SEDAFILL-250AB																5	1							
SP-PWS25KE10-25-OMG																		1						
SP-PWS40KE35-60-OMG																			1					
SP-PWS50KE75-95-OMG																				1				
SEDAFILL-6A-5.6CL																					2		4	1
SEDAFILL-9A-8CL																					3			2
SEDAFILL-10A-9.6CL																						1	4	2
SEDAFILL-13A-12CL																						1	1	3
SEDAFILL-16A-16CL																						2	1	4
SEDAFILL-20A-20CL																							2	5
SEDAFILL-30A-28CL																							3	7
SEDAFILL-40A-36CL																							4	9
SEDAFILL-50A-48CL																							5	12

## Adsorption

### Maintenance kits for ZANDER breathing air adsorption dryer BS-MT and BSP-MT200-1400 (2003-2007)



Maintenance kits for ZANDER breathing air adsorption dryer of series BS-MT and BSP-MT, built from 2003 to 2007, include all mechanical wear parts and a reset module to reset the service indicator.

For a complete maintenance, suitable silencers and filter elements for pre-and after-filters are not included and to order separately.

The bulk materials for the dryer part (SEDAFILL..AB) and the cleaning stage (SEDAFILL..A..CL) are to change according to the intervals indicated below. During a dessicant and/or cleaning change, in addition to dessicant bundles, the flow distributors are not included and to order separately, if necessary. During regular maintenances the dew-point meter should be replace by a new sensor type SP-ESH420..

<i>maintenance kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SK-BSP-MT0200-1400/1203</b>	BS-MT 200 .. 1400 ; BSP-MT 200 .. 1400	12 months	81
<b>SK-BSP-MT0200-0500/2403</b>	BS-MT 200 .. 500 ; BSP-MT 200 .. 500	24 Monate	81
<b>SK-BSP-MT0600-1400/2403</b>	BS-MT 600 .. 1400 ; BSP-MT 600 .. 1400	24 Monate	81

#### *silencer*

<b>SP-FSC25</b>	BS-MT 200 .. 500 ; BSP-MT 200 .. 500	12 months	82
<b>SP-FSC40</b>	BS-MT 600 .. 1150 ; BSP-MT 600 .. 1150	12 months	82
<b>SP-FSC50</b>	BS-MT 1400 ; BSP-MT 1400	12 months	82

#### *dessicant bundles*

<b>SEDAFILL-38AB</b>	BS-MT 200 ; BSP-MT 200	38 kg	24 Monate	85
<b>SEDAFILL-52AB</b>	BS-MT 300 ; BSP-MT 300	52 kg	24 Monate	85
<b>SEDAFILL-66AB</b>	BS-MT 400 ; BSP-MT 400	66 kg	24 Monate	85
<b>SEDAFILL-80AB</b>	BS-MT 500 ; BSP-MT 500	80 kg	24 Monate	85
<b>SEDAFILL-100AB</b>	BS-MT 600 ; BSP-MT 600	100 kg	24 Monate	85
<b>SEDAPAC-150AB</b>	BS-MT 800 ; BSP-MT 800	150 kg	24 Monate	85
<b>SEDAFILL-190AB</b>	BS-MT 1150 ; BSP-MT 1150	190 kg	24 Monate	85
<b>SEDAFILL-250AB</b>	BS-MT 1400 ; BSP-MT 1400	250 kg	24 Monate	85

#### *flow distributor for cleaning stage*

<b>SP-PWS32KEN-OMG</b>	BS-MT 200 .. 500 ; BSP-MT 200 .. 500	if required	82
<b>SP-PWS40DPS-OMG</b>	BS-MT 600 .. 1150 ; BSP-MT 600 .. 1150	if required	82
<b>SP-PWS50DPS-OMG</b>	BS-MT 1400 ; BSP-MT 1400	if required	82

#### *activated carbon bundles for cleaning stage of medical breathing air*

<b>SEDAFILL-9A-8CL</b>	BS-MT 200 ; BSP-MT 200	17,0 kg	12 months	85
<b>SEDAFILL-10A-9.6CL</b>	BS-MT 300 ; BSP-MT 300	19,6 kg	12 months	85
<b>SEDAFILL-13A-12CL</b>	BS-MT 400 ; BSP-MT 400	25,0 kg	12 months	85
<b>SEDAFILL-16A-16CL</b>	BS-MT 500 ; BSP-MT 500	32,0 kg	12 months	85
<b>SEDAFILL-20A-20CL</b>	BS-MT 600 ; BSP-MT 600	40,0 kg	12 months	85
<b>SEDAFILL-30A-28CL</b>	BS-MT 800 ; BSP-MT 800	58,0 kg	12 months	85
<b>SEDAFILL-40A-36CL</b>	BS-MT 1150 ; BSP-MT 1150	76,0 kg	12 months	85
<b>SEDAFILL-50A-48CL</b>	BS-MT 1400 ; BSP-MT 1400	98,0 kg	12 months	85

#### *dew-point transmitter*

<b>SP-ESH420</b>	dew-point -100..+20°C, 4..20mA	12 months	82
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## Adsorption

Maintenance kits for ZANDER breathing air adsorption dryer BS-MT and BSP-MT200-1400 (2003-2007)

	reset module Multitronic	pilot valve NO	pilot valve NC	solenoid coil 230 VAC	inlet valve DN32	inlet valve DN50	expansion valve DN32	expansion valve DN50	non return valve DN32	non return valve DN50	silencer G 1	silencer G 1 ½	silencer G 2	SEDAPAC 2AB	SEDAPAC 6AB (5,8 kg)	SEDAPAC 20AB	SEDAPAC 150AB	flow distributor G 1 ¼	flow distributor G 1 ½	flow distributor G 2	SEDAPAC 3A	SEDAPAC 10A	SEDAPAC 1CL (0,4 kg)	SEDAPAC 4CL
<b>SK-BSP-MT0200-1400/1203</b>	1	2	2																					
<b>SK-BSP-MT0200-0500/2403</b>	1	2	2	4	2		2		2															
<b>SK-BSP-MT0600-1400/2403</b>	1	2	2	4		2		2		2														
<b>SP-FSC25</b>											1													
<b>SP-FSC40</b>												1												
<b>SP-FSC50</b>													1											
<b>SEDAFILL-38AB</b>															3	1								
<b>SEDAFILL-52AB</b>															2	2								
<b>SEDAFILL-66AB</b>															1	3								
<b>SEDAFILL-80AB</b>																4								
<b>SEDAFILL-100AB</b>																5								
<b>SEDAPAC-150AB</b>																	1							
<b>SEDAFILL-190AB</b>																2	1							
<b>SEDAFILL-250AB</b>																5	1							
<b>SP-PWS32KEN-OMG</b>																		1						
<b>SP-PWS40DPS-OMG</b>																			1					
<b>SP-PWS50DPS-OMG</b>																				1				
<b>SEDAFILL-9A-8CL</b>																					3			2
<b>SEDAFILL-10A-9.6CL</b>																						1	4	2
<b>SEDAFILL-13A-12CL</b>																					1	1		3
<b>SEDAFILL-16A-16CL</b>																					2	1		4
<b>SEDAFILL-20A-20CL</b>																						2		5
<b>SEDAFILL-30A-28CL</b>																						3		7
<b>SEDAFILL-40A-36CL</b>																						4		9
<b>SEDAFILL-50A-48CL</b>																						5		12

## Adsorption

### Maintenance kits for ZANDER oil-vapour-adsorber AKM1-8/10-95, AKM05-115, AK10-600, AKN200-10000



SR-SGP.. maintenance kits contain all mechanical wear parts (gaskets and demister) for the maintenance of oil vapour adsorber of sizes AKM1-8 and AKM05 to 115. SEDAFILL bundles include the required quantity of activated carbon. In addition and if needed, there are flow distributors (for AKM 10-95, AK10-600 and AKN200-10000) and indicator tubes for the oil test indicator available.

<i>gasket kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SR-SGP-AKM1-4</b>	AKM1 .. 4	12 months	82
<b>SR-SGP-AKM6-8</b>	AKM6 .. 8	12 months	82
<b>SR-SGP-AKM05-35</b>	AKM05 .. 35	12 months	82
<b>SR-SGP-AKM75-115</b>	AKM75 .. 115	12 months	82

#### *activated carbon bundles*

<b>SEDAPAC-3A</b>	AKM1..6 ; AKM05..75	3 kg	12 months	85
<b>SEDAFILL-6A</b>	AKM7..8 ; AKM95..115	6 kg	12 months	85
<b>SEDAPAC-10A</b>	AKM10 ; AK10	10 kg	12 months	85
<b>SEDAFILL-13A</b>	AK15 ; AKN200	13 kg	12 months	85
<b>SEDAFILL-16A</b>	AKM20 ; AK20 ; AKN300	16 kg	12 months	85
<b>SEDAFILL-20A</b>	AKM25 ; AK25 ; AKN400	20 kg	12 months	85
<b>SEDAFILL-26A</b>	AKM35 ; AK35 ; AKN500	26 kg	12 months	85
<b>SEDAFILL-30A</b>	AKM45 ; AK45 ; AKN600	30 kg	12 months	85
<b>SEDAFILL-43A</b>	AKM60 ; AK60 ; AKN800	43 kg	12 months	85
<b>SEDAFILL-56A</b>	AKM75 ; AK75 ; AKN1150	56 kg	12 months	85
<b>SEDAFILL-76A</b>	AKM95 ; AK95 ; AKN1400	76 kg	12 months	85
<b>SEDAPAC-100A</b>	AK120 ; AKN2000	100 kg	12 months	85
<b>SEDAFILL-120A</b>	AK150 ; AKN2600	120 kg	12 months	85
<b>SEDAFILL-170A</b>	AK200 ; AKN3100	170 kg	12 months	85
<b>SEDAFILL-200A</b>	AK250 ; AKN3800	200 kg	12 months	85
<b>SEDAFILL-240A</b>	AK300 ; AKN5000	240 kg	12 months	85
<b>SEDAFILL-300A</b>	AK380 ; AKN6000	300 kg	12 months	85
<b>SEDAFILL-410A</b>	AK500 ; AKN8000	410 kg	12 months	85
<b>SEDAFILL-500A</b>	AK600 ; AKN10000	500 kg	12 months	85

#### *flow distributor*

<b>SP-PWS25DPS-OMG</b>	AKM10 .. 25 ; AK10 .. 25	if required	82
<b>SP-PWS32KEN-OMG</b>	AKN200 .. 500	if required	82
<b>SP-PWS40DPS-OMG</b>	AKM35 .. 60 ; AK35 .. 60 ; AKN600 .. 1150	if required	82
<b>SP-PWS50DPS-OMG</b>	AKM75 .. 95 ; AK75 .. 95 ; AKN1400	if required	82

#### *flow distributor including 2 flat gasket flanges*

<b>SK-PWS/PWG050</b>	AK120 ; AKN2000	if required	81
<b>SK-PWS/PWG065</b>	AK150 .. 200 ; AKN2600 .. 3100	if required	81
<b>SK-PWS/PWG080</b>	AK250 .. 300 ; AKN3800 ..5000	if required	81
<b>SK-PWS/PWG100</b>	AK380 .. 500 ; AKN6000 .. 8000	if required	81
<b>SK-PWS/PWG125</b>	AK600 ; AKN10000	if required	81

#### *indicator tubes for oil vapour*

<b>SP-FAI-IOP02</b>	all	if required	82
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## Adsorption

Maintenance kits for ZANDER oil-vapour-adsorber AKM1-8/10-95, AKM05-115, AK10-600, AKN200-10000

	seal 80 single profile	seal 100 single profile	sieve plate 80 single profile	sieve plate 100 single profile	SEDAPAC 3A	SEDAPAC 10A	SEDAPAC 100A	flow distributor G 1	flow distributor G 1 ¼	flow distributor G 1 ½	flow distributor G 2	flow distributor DN50	flow distributor DN65	flow distributor DN80	flow distributor DN100	flow distributor DN125	flange gasket DN50	flange gasket DN65	flange gasket DN80	flange gasket DN100	flange gasket DN125	indicator tube oil vapour	
SR-SGP-AKM1-4	4		2																				
SR-SGP-AKM6-8		4		2																			
SR-SGP-AKM05-35	4		2																				
SR-SGP-AKM75-115		4		2																			
SEDAPAC-3A					1																		
SEDAFILL-6A					2																		
SEDAPAC-10A						1																	
SEDAFILL-13A					1	1																	
SEDAFILL-16A					2	1																	
SEDAFILL-20A						2																	
SEDAFILL-26A					2	2																	
SEDAFILL-30A						3																	
SEDAFILL-43A					1	4																	
SEDAFILL-56A					2	5																	
SEDAFILL-76A					2	7																	
SEDAPAC-100A							1																
SEDAFILL-120A						2	1																
SEDAFILL-170A						7	1																
SEDAFILL-200A							2																
SEDAFILL-240A						4	2																
SEDAFILL-300A							3																
SEDAFILL-410A						1	4																
SEDAFILL-500A							5																
SP-PWS25DPS-OMG								1															
SP-PWS32KEN-OMG									1														
SP-PWS40DPS-OMG										1													
SP-PWS50DPS-OMG											1												
SK-PWS/PWG050												1					2						
SK-PWS/PWG065													1					2					
SK-PWS/PWG080														1					2				
SK-PWS/PWG100															1					2			
SK-PWS/PWG125																1						2	
SP-FAI-IOP02																							1

## Adsorption

### Maintenance kits for ZANDER adsorption dryer WVM40-1450



SK-WVM.. maintenance kits are suitable for ZANDER WVM dryers, built during the corresponding year of construction. They contain all mechanical wear parts for each maintenance interval.

Silencers and filter elements for pre- and after-filters are not included and to order separately.

During regular maintenances the dew-point meter should be replaced by a new sensor type SP-ESH420.

<i>maintenance kits</i>	<i>suitable for</i> <b>WVM year of construction 2000 ....2006</b>	<i>maintenance interval</i>	<i>prod. grp.</i>
SK-WVM0040-1450/1200	WVM40 .. WVM1450	12 months	81
SK-WVM0040-0355/2400	WVM40 .. WVM355	24 months	81
SK-WVM0410-0710/2400	WVM410 .. WVM710	24 months	81
SK-WVM0800-1080/2400	WVM800 .. WVM1080	24 months	81
SK-WVM1230-1450/2400	WVM1230 .. WVM1450	24 months	81
SK-WVM0040-0050/4800	WVM40 .. WVM50	48 months	81
SK-WVM0065-0085/4800	WVM65 .. WVM85	48 months	81
SK-WVM0120-0200/4800	WVM120 .. WVM200	48 months	81
SK-WVM0235-0355/4800	WVM235 .. WVM355	48 months	81
SK-WVM0410-0710/4800	WVM410 .. WVM710	48 months	81
SK-WVM0800-1080/4800	WVM800 .. WVM1080	48 months	81
SK-WVM1230-1450/4800	WVM1230 .. WVM1450	48 months	81
<i>maintenance kits</i>	<i>suitable for</i> <b>WVM year of construction 2007 ....04/2009</b>	<i>maintenance interval</i>	<i>prod. grp.</i>
SK-WVM0040-1450/1207	WVM40 .. WVM1450	12 months	81
SK-WVM0040-0355/2407	WVM40 .. WVM355	24 months	81
SK-WVM0410-0710/2407	WVM410 .. WVM710	24 months	81
SK-WVM0800-1080/2407	WVM800 .. WVM1080	24 months	81
SK-WVM1230-1450/2407	WVM1230 .. WVM1450	24 months	81
SK-WVM0040-0050/4807	WVM40 .. WVM50	48 months	81
SK-WVM0065-0085/4807	WVM65 .. WVM85	48 months	81
SK-WVM0120-0200/4807	WVM120 .. WVM200	48 months	81
SK-WVM0235-0355/4807	WVM235 .. WVM355	48 months	81
SK-WVM0410-0710/4807	WVM410 .. WVM710	48 months	81
SK-WVM0800-1080/4807	WVM800 .. WVM1080	48 months	81
SK-WVM1230-1450/4807	WVM1230 .. WVM1450	48 months	81
<i>maintenance kits</i>	<i>suitable for</i> <b>WVM year of construction 04/2009 ....</b>	<i>maintenance interval</i>	<i>prod. grp.</i>
SK-WVM0040-1450/1209	WVM40 .. WVM1450	12 months	81
SK-WVM0040-0355/2409	WVM40 .. WVM355	24 months	81
SK-WVM0410-0710/2409	WVM410 .. WVM710	24 months	81
SK-WVM0800-1080/2409	WVM800 .. WVM1080	24 months	81
SK-WVM1230-1450/2409	WVM1230 .. WVM1450	24 months	81
SK-WVM0040-0050/4809	WVM40 .. WVM50	48 months	81
SK-WVM0065-0085/4809	WVM65 .. WVM85	48 months	81
SK-WVM0120-0200/4809	WVM120 .. WVM200	48 months	81
SK-WVM0235-0355/4809	WVM235 .. WVM355	48 months	81
SK-WVM0410-0710/4809	WVM410 .. WVM710	48 months	81
SK-WVM0800-1080/4809	WVM800 .. WVM1080	48 months	81
SK-WVM1230-1450/4809	WVM1230 .. WVM1450	48 months	81
<i>silencer</i>			
SP-FSC25	WVM40 .. WVM1450	12 months	82
<i>dew-point transmitter</i>			
SP-ESH420	dew-point -100..+20°C, 4..20mA	12 months	82

## Adsorption

### Maintenance kits for ZANDER adsorption dryer WVM40-1450

	control air filter	pilot valve	control valve block	rep.kit expansion valve	rep.kit pressurisation valve	rep.kit flap valve V3 DN40	rep.kit flap valve V3 DN50	rep.kit flap valve V3 DN80	rep.kit flap valve V3 DN100	rep.kit flap valve V3 DN150	rep.kit flap valve V3 DN200	non return flap DN40	non return flap DN50	non return flap DN80	non return flap DN100	non return flap DN150	non return flap DN200	silencer G 1
<b>Year of construction 2000...2006</b>																		
SK-WVM0040-1450/1200	1	4																
SK-WVM0040-0355/2400	1	4		1	1													
SK-WVM0410-0710/2400	1	4		1	1													
SK-WVM0800-1080/2400	1	4		1	1													
SK-WVM1230-1450/2400	1	4		1	1													
SK-WVM0040-0050/4800	1		1	1	1	1*)						1						
SK-WVM0065-0085/4800	1		1	1	1		1*)						1					
SK-WVM0120-0200/4800	1		1	1	1			1*)						1				
SK-WVM0235-0355/4800	1		1	1	1				1*)						1			
SK-WVM0410-0710/4800	1		1	1	1					1*)						1		
SK-WVM0800-1080/4800	1		1	1	1					1*)							1	
SK-WVM1230-1450/4800	1		1	1	1						1*)						1	
<b>Year of construction 2007...04/2009</b>	*) by using the service kit SK-.../4800 an upgrade to year 2007 is already done, after that use service kits SK-.../.07 for these dryer(s)																	
SK-WVM0040-1450/1207	1	4																
SK-WVM0040-0355/2407	1	4		1	1													
SK-WVM0410-0710/2407	1	4		1	1													
SK-WVM0800-1080/2407	1	4		1	1													
SK-WVM1230-1450/2407	1	4		1	1													
SK-WVM0040-0050/4807	1		1	1	1	1						1						
SK-WVM0065-0085/4807	1		1	1	1		1						1					
SK-WVM0120-0200/4807	1		1	1	1			1						1				
SK-WVM0235-0355/4807	1		1	1	1				1						1			
SK-WVM0410-0710/4807	1		1	1	1					1						1		
SK-WVM0800-1080/4807	1		1	1	1					1							1	
SK-WVM1230-1450/4807	1		1	1	1						1						1	
<b>Year of construction 04/2009...</b>																		
SK-WVM0040-1450/1209	1*	6																
SK-WVM0040-0355/2409	1*	6		1	1													
SK-WVM0410-0710/2409	1*	6		1	1													
SK-WVM0800-1080/2409	1*	6		1	1													
SK-WVM1230-1450/2409	1*	6		1	1													
SK-WVM0040-0050/4809	1*	6		1	1	1						1						
SK-WVM0065-0085/4809	1*	6		1	1		1						1					
SK-WVM0120-0200/4809	1*	6		1	1			1						1				
SK-WVM0235-0355/4809	1*	6		1	1				1						1			
SK-WVM0410-0710/4809	1*	6		1	1					1						1		
SK-WVM0800-1080/4809	1*	6		1	1					1							1	
SK-WVM1230-1450/4809	1*	6		1	1						1						1	

\* service kit includes 2 control air filters, YOC to 04/2012 Series G, from 05/2012 to today Series GL

SP-FSC25	Quantity needed for WVM40 .. WVM355	1
	Quantity needed for WVM410...WVM710	2
	Quantity needed for WVM800...WVM1450	3

## Adsorption

### Maintenance kits for ZANDER adsorption dryer WVM40-1450



SEDAFILL dessicant bundles include the exact amount of dessicant for the according type of dryer. The exchange interval is approximately 60 months.

Flow distributors and flange gaskets are not included and to order separately, if needed.

<i>Dessicant bundles</i>	<i>suitable for</i>	<i>weight</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
SEDAFILL-44WS-100N	WVM40	144 kg	60 months	85
SEDAFILL-58WS-120N	WVM50	178 kg	60 months	85
SEDAFILL-58WS-170N	WVM65	228 kg	60 months	85
SEDAFILL-90WS-190N	WVM85	280 kg	60 months	85
SEDAFILL-138WS-290N	WVM120	428 kg	60 months	85
SEDAFILL-148WS-380N	WVM150	528 kg	60 months	85
SEDAFILL-220WS-530N	WVM200	750 kg	60 months	85
SEDAFILL-260WS-620N	WVM235	880 kg	60 months	85
SEDAFILL-314WS-740N	WVM300	1054 kg	60 months	85
SEDAFILL-390WS-960N	WVM355	1350 kg	60 months	85
SEDAFILL-426WS-1090N	WVM410	1516 kg	60 months	85
SEDAFILL-520WS-1240N	WVM475	1760 kg	60 months	85
SEDAFILL-556WS-1350N	WVM525	1906 kg	60 months	85
SEDAFILL-650WS-1730N	WVM620	2376 kg	60 months	85
SEDAFILL-780WS-1840N	WVM710	2620 kg	60 months	85
SEDAFILL-910WS-2250N	WVM800	3160 kg	60 months	85
SEDAFILL-1040WS-2400N	WVM920	3460 kg	60 months	85
SEDAFILL-1170WS-2850N	WVM1080	4020 kg	60 months	85
SEDAFILL-1358WS-3300N	WVM1230	4658 kg	60 months	85
SEDAFILL-1484WS-3900N	WVM1450	5384 kg	60 months	85

#### *flow distributor incl. 2 flange gaskets*

SK-PWS/PWG040/HT	WVM45 .. WVM55	if required	81
SK-PWS/PWG050/HT	WVM65 .. WVM85	if required	81
SK-PWS/PWG080/HT	WVM120 .. WVM200	if required	81
SK-PWS/PWG100/HT	WVM235 .. WVM355	if required	81
SK-PWS/PWG150/HT	WVM410 .. WVM710	if required	81
SK-PWS/PWG200/HT	WVM800 .. WVM1470	if required	81

#### *Set of flange gaskets graphite*

SK-PWG040/GP-16	WVM45 .. WVM55	if required	81
SK-PWG050/GP-16	WVM65 .. WVM85	if required	81
SK-PWG080/GP-16	WVM120 .. WVM200	if required	81
SK-PWG100/GP-16	WVM235 .. WVM355	if required	81
SK-PWG100/GP-16	WVM410 .. WVM710	if required	81
SK-PWG200/GP-16	WVM800 .. WVM1470	if required	81

## Adsorption

### Maintenance kits for ZANDER adsorption dryer WVM40-1450

	SEDAPAC-4WS	SEDAPAC-18WS	SEDAPAC-130WS	SEDAPAC-20N	SEDAPAC-150N	flow distributor DN 40	flow distributor DN 50	flow distributor DN 80	flow distributor DN 100	flow distributor DN 150	flow distributor DN 200	flange gasket DN 40	flange gasket DN 50	flange gasket DN 80	flange gasket DN 100	flange gasket DN 150	flange gasket DN 200	
SEDAFILL-44WS-100N	2	2		5														
SEDAFILL-58WS-120N	1	3		6														
SEDAFILL-58WS-170N	1	3		1	1													
SEDAFILL-90WS-190N		5		2	1													
SEDAFILL-138WS-290N	2		1	7	1													
SEDAFILL-148WS-380N		1	1	4	2													
SEDAFILL-220WS-530N		5	1	4	3													
SEDAFILL-260WS-620N			2	1	4													
SEDAFILL-314WS-740N		3	2	7	4													
SEDAFILL-390WS-960N			3	3	6													
SEDAFILL-426WS-1090N		2	3	2	7													
SEDAFILL-520WS-1240N			4	2	8													
SEDAFILL-556WS-1350N		2	4		9													
SEDAFILL-650WS-1730N			5	4	11													
SEDAFILL-780WS-1840N			6	2	12													
SEDAFILL-910WS-2250N			7		15													
SEDAFILL-1040WS-2400N			8		16													
SEDAFILL-1170WS-2850N			9		19													
SEDAFILL-1358WS-3300N	1	3	10		22													
SEDAFILL-1484WS-3900N		3	11		26													
SK-PWS/PWG040/HT						1						2						
SK-PWS/PWG050/HT							1						2					
SK-PWS/PWG080/HT								1						2				
SK-PWS/PWG100/HT									1						2			
SK-PWS/PWG150/HT										1						2		
SK-PWS/PWG200/HT											1						2	
SK-PWG040/GP-16												16						
SK-PWG050/GP-16													16					
SK-PWG080/GP-16														16				
SK-PWG100/GP-16															16			
SK-PWG150/GP-16																16		
SK-PWG200/GP-16																	16	

## Adsorption

### Spare parts for ZANDER high pressure adsorption dryer HDK18-550/25, HDK18-550/50



For ZANDER 25/50bar adsorption dryer HDK18 to HDK550 series, single spare parts e.g. solenoid valves, repair kits, check valves, silencers and desiccant bundles are available. The opposite table shows the number of components used as standard in the dryers.

Note that, depending on the state of equipment or application of the dryer, differences to the standard are possible. The maintenance intervals correspond to the specifications of the original manufacturer.

During regular maintenances the dew-point meter should be replaced by a new sensor type SP-ESH420

<i>solenoid valves</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SP-VMS-B08/50-NC-230-BJO</b>	pressurisation valve HDK18/25 .. HDK360/25 ; HDK18/50 .. HDK360/50	24 months	82
<b>SP-VMS-B15/50-NC-230-BJO</b>	main valve HDK18/25 .. HDK360/25 ; HDK18/50 .. HDK360/50	24 months	82
<b>SP-VMS-B15/50-NC-230-BJO</b>	expansion valve HDK18/25 .. HDK360/25 ; HDK18/50 .. HDK360/50	24 months	82
<b>SP-VMS-B15/50-NC-230-BJO</b>	pressurisation valve HDK550/25 ; HDK550/50	24 months	82
<b>SP-VMS-B20/50-NC-230-BJO</b>	main valve HDK550/25 ; HDK550/50	24 months	82
<b>SP-VMS-B20/50-NC-230-BJO</b>	expansion valve HDK550/25 ; HDK550/50	24 months	82
<b>SP-ECS230-HDK-BJO</b>	solenoid coil HDK18/25 .. HDK550/25 ; HDK18/50 .. HDK550/50	if required	82
<i>repair kits for solenoid valves</i>			
<b>SR-VMS15NC/50-230-BJO</b>	HDK18/25 .. HDK360/25 ; HDK18/50 .. HDK360/50	if required	82
<b>SR-VMS20NC/50-230-BJO</b>	HDK550/25 ; HDK550-50	if required	82
<i>silencer</i>			
<b>SP-FSC15/350</b>	HDK18/25 .. HDK360/25 ; HDK18/50 .. HDK360/50	12 months	82
<i>desiccant bundles for 50 bar dryer</i>			
<b>SEDAFILL-2WS-4MS</b>	HDK18/25 ; HDK18/50	6 kg 24 months	85
<b>SEDAFILL-2WS-8MS</b>	HDK40/25 ; HDK40/50	10 kg 24 months	85
<b>SEDAFILL-4WS-15MS</b>	HDK80/25 ; HDK80/50	19 kg 24 months	85
<b>SEDAFILL-4WS-19MS</b>	HDK120/25 ; HDK120/50	23 kg 24 months	85
<b>SEDAFILL-6WS-27MS</b>	HDK160/25 ; HDK160/50	33 kg 24 months	85
<b>SEDAFILL-8WS-34MS</b>	HDK210/25 ; HDK210/50	42 kg 24 months	85
<b>SEDAFILL-12WS-60MS</b>	HDK360/25 ; HDK360/50	72 kg 24 months	85
<b>SEDAFILL-20WS-90MS</b>	HDK550/25 ; HDK550/50	110 kg 24 months	85
<i>flow distributor (for each dryer 4 pieces are mounted)</i>			
<b>SP-PWS32/500DHW-OMG</b>	flow distributor 1 ¼"	if required	82
<i>dew-point transmitter</i>			
<b>SP-ESH420</b>	dew-point -100..+20°C, 4..20mA	12 months	82



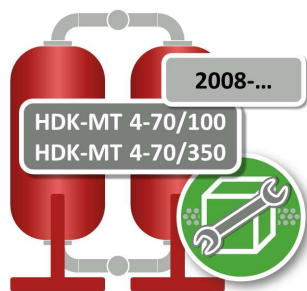
## Adsorption

Spare parts for ZANDER high pressure adsorption dryer HDK18-550/25, HDK18-550/50

	inlet valve G1/2	expansion valve G1/2	inlet valve G3/4	expansion valve G3/4	pressurisation valve G1/4	pressurisation valve G 1/2	rep.kit solenoid valve G1/2	rep.kit solenoid valve G3/4	silencer	SEDAPAC 2MS	SEDAPAC 4MS	SEDAPAC 18MS	SEDAPAC 4MS	SEDAPAC 15MS
SP-VMS-B08/50-NC-230-BJO					1									
SP-VMS-B15/50-NC-230-BJO	1													
SP-VMS-B15/50-NC-230-BJO		1												
SP-VMS-B15/50-NC-230-BJO						1								
SP-VMS-B20/50-NC-230-BJO			1											
SP-VMS-B20/50-NC-230-BJO				1										
SP-ECS230-HDK-BJO														
SR-VMS15NC/50-230-BJO							1							
SR-VMS20NC/50-230-BJO								1						
SP-FSC15/350									2					
SEDAFILL-2WS-4MS										1			1	
SEDAFILL-2WS-8MS										1			2	
SEDAFILL-4WS-15MS											1			1
SEDAFILL-4WS-19MS											1		1	1
SEDAFILL-6WS-27MS										1	1		3	1
SEDAFILL-8WS-34MS											2		1	2
SEDAFILL-12WS-60MS											3			4
SEDAFILL-20WS-90MS												1		6

## Adsorption

### Maintenance kits for ZANDER high pressure adsorption dryer HDK-MT4-70/100, HDK-MT4-70/350(250)



SK-VVB/DHM .. maintenance kits are also suitable for all ZANDER high-pressure dryers HDK-MT .. 100/350 and HDA-MT .. 100/350 series, built since 2005. There are suitable bundles (SEDAFILL) for a desiccant change. The silencers, flow distributors and sieve plates are not included and to order separately. During regular maintenances the dew-point meter should be replaced by a new sensor type SP-ESH420..

<i>maintenance kits</i>	<i>suitable for</i>	<i>maintenance intervall</i>	<i>prod. grp.</i>
<b>SK-VVB-DHM/HDK-MT/2402</b>	HDK-MT4 .. 70/100, HDK-MT4 .. 70/350(250)	24 months	81
<b>SK-VVB-HDK-Upgr/2401</b>	old HDK dryers that have already been equipped with an HDK upgrade kit	24 months	81
<i>solenoid set</i>			
<b>SP-ECS230-DHM/HDK-MT-NHI</b>	HDK-MT4 .. 70/100, HDK-MT4 .. 70/350(250)	if required	82
<i>silencer</i>			
<b>SP-FSC15/350</b>	HDK-MT4 .. 70/100, HDK-MT4 .. 70/350(250)	12 months	82
<i>gasket kit</i>			
<b>SR-SOR-HDK-MT</b>	HDK-MT4 .. 70/100, HDK-MT4 .. 70/350(250)	24 months	82
<i>desiccant bundles for dryers of 100 bar</i>			
<b>SEDAFILL-2WS-6MS</b>	HDK-MT4/100 .. HDK-MT15/100	8 kg 24 months	85
<b>SEDAFILL-2WS-10MS</b>	HDK-MT20/100	12 kg 24 months	85
<b>SEDAFILL-4WS-12MS</b>	HDK-MT25/100	16 kg 24 months	85
<b>SEDAFILL-4WS-15MS</b>	HDK-MT30/100	19 kg 24 months	85
<b>SEDAFILL-6WS-19MS</b>	HDK-MT40/100	25 kg 24 months	85
<b>SEDAFILL-6WS-25MS</b>	HDK-MT50/100	31 kg 24 months	85
<b>SEDAFILL-6WS-30MS</b>	HDK-MT60/100	36 kg 24 months	85
<b>SEDAFILL-8WS-30MS</b>	HDK-MT70/100	38 kg 24 months	85
<i>desiccant bundles for dryers of 350(250) bar</i>			
<b>SEDAFILL-2WS-4MS</b>	HDK-MT4/350(250) .. HDK-MT15/350(250)	6 kg 24 months	85
<b>SEDAFILL-2WS-6MS</b>	HDK-MT20/350(250)	8 kg 24 months	85
<b>SEDAFILL-2WS-8MS</b>	HDK-MT25/350(250)	10 kg 24 months	85
<b>SEDAFILL-2WS-10MS</b>	HDK-MT30/350(250)	12 kg 24 months	85
<b>SEDAFILL-4WS-14MS</b>	HDK-MT40/350(250)	18 kg 24 months	85
<b>SEDAFILL-4WS-17MS</b>	HDK-MT50/350(250)	21 kg 24 months	85
<b>SEDAFILL-4WS-19MS</b>	HDK-MT60/350(250)	23 kg 24 months	85
<b>SEDAFILL-6WS-19MS</b>	HDK-MT70/350(250)	25 kg 24 months	85
<i>flow distributor/filter : for each vessel 1 piece is needed, for each dryer 2 pieces have to be ordered</i>			
<b>SP-PWS20/350DHM-OMG</b>	HDK-MT4 .. 70/100, HDK-MT4 .. 70/350(250)	24 months	82
<i>dew-point transmitter</i>			
<b>SP-ESH420</b>	dew-point -100..+20°C, 4..20mA	12 months	82

## Adsorption

Maintenance kits for ZANDER high pressure adsorption dryer HDK-MT4-70/100, HDK-MT4-70/350(250)

	pilot valve main flow (Y1/Y2)	pilot valve expansion (Y3/Y4/Y5)	pilot valve Y5 (alte Version)	main flow valve DN12 (V1/V2)	valve expansion DN6 (V3/V4)	check valve main flow DN12	check valve regeneration DN6	check valve pressure build-up	check valve container DN12	solenoid 230VAC	silencer G 1/2	gasket kit B1 / B2	SEDAPAC 2WS	SEDAPAC 4WS	SEDAPAC 2MS (1,7 kg)	SEDAPAC 4MS	SEDAPAC 15MS	flow distributor/filter
<b>SK-VVB-DHM/HDK-MT/2402</b>	2	3	1	2	2	2	2	2										
<b>SK-VVB-HDK-Upgr/2401</b>	2	3		2	2		2	2	2									
<b>SP-ECS230-DHM/HDK-MT-NHI</b>										5								
<b>SP-FSC15/350</b>											1							
<b>SR-SOR-HDK-MT</b>												1						
<b>SEDAFILL-2WS-6MS</b>													1		1	1		
<b>SEDAFILL-2WS-10MS</b>													1		1	2		
<b>SEDAFILL-4WS-12MS</b>														1		3		
<b>SEDAFILL-4WS-15MS</b>														1			1	
<b>SEDAFILL-6WS-19MS</b>													1	1		1	1	
<b>SEDAFILL-6WS-25MS</b>													1	1	1	2	1	
<b>SEDAFILL-6WS-30MS</b>													1	1			2	
<b>SEDAFILL-8WS-30MS</b>														2			2	
<b>SEDAFILL-2WS-4MS</b>													1			1		
<b>SEDAFILL-2WS-6MS</b>													1		1	1		
<b>SEDAFILL-2WS-8MS</b>													1			2		
<b>SEDAFILL-2WS-10MS</b>													1		1	2		
<b>SEDAFILL-4WS-14MS</b>														1	1	3		
<b>SEDAFILL-4WS-17MS</b>														1	1		1	
<b>SEDAFILL-4WS-19MS</b>														1		1	1	
<b>SEDAFILL-6WS-19MS</b>													1	1		1	1	
<b>SP-PWS20/350DHM-OMG</b>																		1

## Adsorption

### Maintenance kits for domnick hunter adsorption dryer DME012-080



Maintenance kits for domnick hunter adsorption dryer DME series are designed for repair and regular maintenance of individual components, e.g. intake valves, expansion valves; check valves, gasket sets, etc. That allows identifying flexibly at which components maintenance work should be carried out.

By combining the maintenance kits with silencers, gasket sets and a desiccant bundle, all needed replacement parts for a major overhaul are merged. The packages for the valve groups always include necessary seals. The maintenance intervals correspond to the recommendations of the manufacturer.

<i>maintenance kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod grp.</i>
<b>SR-VIL-NC-DME-DH</b>	DME12 .. DME40	24 months	81
<b>SR-VIL-VPC-DME-DH</b>	DME50 .. DME80	24 months	81
<b>SR-VEX-NC-DME-DH</b>	DME12 .. DME80	24 months	81
<b>SR-VRV-DME-DH</b>	DME12 .. DME80	24 months	81
<i>single spare parts</i>			
<b>SP-VPSS/2I-DME-DH</b>	DME50 .. DME80	if required	82
<b>SP-ECS024-DME-DH</b>	DME12 .. DME80	if required	82
<i>silencer</i>			
<b>SP-FSC-DME-DH</b>	DME12 .. DME80	12 months	82
<i>gasket kits</i>			
<b>SR-SOF-DME-DH</b>	DME12 .. DME80	48 months	82
<b>SR-SOR-DME-DH</b>	DME50 .. DME80	48 months	82
<i>desiccant bundles for dew-points up to -40°C dp</i>			
<b>SEDAPAC-5AA</b>	DME12	5 kg 48 months	85
<b>SEDAFILL-9AA</b>	DME15	9 kg 48 months	85
<b>SEDAFILL-10AA</b>	DME20	10 kg 48 months	85
<b>SEDAFILL-12AA</b>	DME25	12 kg 48 months	85
<b>SEDAFILL-16AA</b>	DME30	16 kg 48 months	85
<b>SEDAPAC-18AA</b>	DME40	18 kg 48 months	85
<b>SEDAFILL-25AA</b>	DME50	25 kg 48 months	85
<b>SEDAFILL-30AA</b>	DME60	30 kg 48 months	85
<b>SEDAFILL-36AA</b>	DME80	36 kg 48 months	85
<i>desiccant bundles for dew-points up to -70°C dp</i>			
<b>SEDAFILL-6MS</b>	DME12	6 kg 48 months	85
<b>SEDAFILL-8MS</b>	DME15	8 kg 48 months	85
<b>SEDAFILL-10MS</b>	DME20	10 kg 48 months	85
<b>SEDAPAC-15MS</b>	DME25	15 kg 48 months	85
<b>SEDAPAC-15MS</b>	DME30	15 kg 48 months	85
<b>SEDAFILL-17MS</b>	DME40	17 kg 48 months	85
<b>SEDAFILL-25MS</b>	DME50	25 kg 48 months	85
<b>SEDAFILL-30MS</b>	DME60	30 kg 48 months	85
<b>SEDAFILL-34MS</b>	DME80	34 kg 48 months	85
<i>dew-point transmitter (optional), from S/Nr.: 31156</i>			
<b>SP-ESH420</b>	dew-point -100..+20°C, 4..20mA	12 months	82

## Adsorption

### Maintenance kits for domnick hunter adsorption dryer DME012-080DME012-080

	rep. kit inlet valve NC	hub cylinder inlet valve	rep. kit expansion valve	non return valve	change over valve 24VDC	solenoid coil 24VDC	silencer package G1/2	profile gasket	vessel gasket	SEDAPAC2AA	SEDAPAC5AA	SEDAPAC 18AA	SEDAPAC 2MS	SEDAPAC 4MS	SEDAPAC 15MS	
SR-VIL-NC-DME-DH	2															
SR-VIL-VPC-DME-DH		2														
SR-VEX-NC-DME-DH			2													
SR-VRV-DME-DH				2				1								
SP-VPS5/2I-DME-DH					1											
SP-ECS024-DME-DH						1										
SP-FSC-DME-DH							2									
SR-SOF-DME-DH								2								
SR-SOR-DME-DH									4							
SEDAPAC-5AA											1					
SEDAFILL-9AA										2	1					
SEDAFILL-10AA											2					
SEDAFILL-12AA										1	2					
SEDAFILL-16AA											3					
SEDAPAC-18AA												1				
SEDAFILL-25AA										1	1	1				
SEDAFILL-30AA										1	2	1				
SEDAFILL-36AA												2				
SEDAFILL-6MS													1	1		
SEDAFILL-8MS														2		
SEDAFILL-10MS													1	2		
SEDAPAC-15MS																1
SEDAPAC-15MS																1
SEDAFILL-17MS													1			1
SEDAFILL-25MS													1	2		1
SEDAFILL-30MS																2
SEDAFILL-34MS														1		2

## Adsorption

### Maintenance kits for domnick hunter adsorption dryer MA-DME012-080



The domnick hunter adsorption dryer MA-DME series has been developed especially for the treatment of breathing air. The maintenance kits are divided into groups, too (inlet valves NO, expansion valves, check valves, gasket sets, etc.). That allows identifying flexibly at which components maintenance work should be done.

By combining the maintenance kits with silencers, gasket sets and a desiccant bundle, all needed replacement parts for a major overhaul are merged. The packages for the valve groups always include necessary seals. The maintenance intervals correspond to the recommendations of the manufacturer..

<i>maintenance kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod grp.</i>
<b>SR-VIL-NO-DME-DH</b>	MA-DME12 .. MA-DME40	12 months	81
<b>SR-VIL-VPC-DME-DH</b>	MA-DME50 .. MA-DME80	24 months	81
<b>SR-VEX-NC-DME-DH</b>	MA-DME12 .. MA-DME80	12 months	81
<b>SR-VRV-DME-DH</b>	MA-DME12 .. MA-DME80	24 months	81
<i>single spare parts</i>			
<b>SP-VP55/2I-DME-DH</b>	MA-DME50 .. MA-DME80	bei Bedarf	82
<b>SP-ECS024-DME-DH</b>	MA-DME12 .. MA-DME80	bei Bedarf	82
<i>silencer</i>			
<b>SP-FSC-DME-DH</b>	MA-DME12 .. MA-DME80	12 months	82
<i>gasket kits</i>			
<b>SR-SOF-DME-DH</b>	MA-DME12 .. MA-DME80	48 months	82
<b>SR-SOR-DME-DH</b>	MA-DME50 .. MA-DME80	48 months	82
<i>desiccant bundles for dryer grades</i>			
<b>SEDAPAC-6AB</b>	MA-DME12	5 kg 48 months	85
<b>SEDAFILL-8AB</b>	MA-DME15	9 kg 48 months	85
<b>SEDAFILL-10AB</b>	MA-DME20	10 kg 48 months	85
<b>SEDAFILL-12AB</b>	MA-DME25	12 kg 48 months	85
<b>SEDAFILL-14AB</b>	MA-DME30	16 kg 48 months	85
<b>SEDAFILL-18AB</b>	MA-DME40	18 kg 48 months	85
<b>SEDAFILL-24AB</b>	MA-DME50	25 kg 48 months	85
<b>SEDAFILL-30AB</b>	MA-DME60	30 kg 48 months	85
<b>SEDAFILL-36AB</b>	MA-DME80	36 kg 48 months	85
<i>activated carbon bundles and hopcalite for cleaning stage</i>			
<b>SEDAFILL-DME12BM</b>	MA-DME12	cartridges 6 months	85
<b>SEDAFILL-DME25BM</b>	MA-DME15...MA-DME25	cartridges 6 months	85
<b>SEDAFILL-DME30BM</b>	MA-DME30	cartridges 6 months	85
<b>SEDAFILL-DME40BM</b>	MA-DME40	cartridges 6 months	85
<b>SEDAFILL-DME60BM</b>	MA-DME50...MA-DME60	6,4 kg 12 months	85
<b>SEDAFILL-DME80BM</b>	MA-DME80	13,2 kg 12 months	85
<i>dew-point transmitter (optional), from S/Nr.: 31156</i>			
<b>SP-ESH420</b>	dew-point -100..+20°C, 4..20mA	12 months	82

## Adsorption

### Maintenance kits for domnick hunter adsorption dryer MA-DME012-080

	rep. kit inlet valve NO	hub cylinder inlet valve	rep. kit expansion valve	non return valve	change over valve 24VDC	solenoid coil 24VDC	silencer package G1/2	profile gasket	vessel gasket	SEDAPAC 2AB	SEDAPAC 6AB	SEDAPAC 20AB	ERDH13CA	ERDH13CHL	ERDH25CA	ERDH40CA	ERDH40CHL	ERDH145A	SEDAPAC-1CL (0,4 kg)	SEDAPAC-4CL
SR-VIL-NO-DME-DH	2																			
SR-VIL-VPC-DME-DH		2																		
SR-VEX-NC-DME-DH			2																	
SR-VRV-DME-DH				2				1												
SP-VP55/2I-DME-DH					1															
SP-ECS024-DME-DH						1														
SP-FSC-DME-DH							2													
SR-SOF-DME-DH								2												
SR-SOR-DME-DH									4											
SEDAPAC-6AB											1									
SEDAFILL-8AB										1	1									
SEDAFILL-10AB										2	1									
SEDAFILL-12AB											2									
SEDAFILL-14AB										2	2									
SEDAFILL-18AB											3									
SEDAFILL-24AB										2		1								
SEDAFILL-30AB										2	1	1								
SEDAFILL-36AB										2	2	1								
SEDAFILL-DME12BM													1	1						
SEDAFILL-DME25BM														1			1			
SEDAFILL-DME30BM															1	1				
SEDAFILL-DME40BM															1	2				
SEDAFILL-DME60BM																		1	6	1
SEDAFILL-DME80BM																		1	3	3

## Adsorption

### Maintenance kits for domnick hunter MIDAS adsorption dryer size DAS1-7



Maintenance kits for domnick hunter MIDAS series are accumulated. This means: For a general overhaul a 12-month, 24-month and 48-month package must be ordered together.

The service packages shown here include parts from the original manufacturer.

<i>maintenance kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SK-DASMK1-7/1201-DH</b>	MIDAS1 .. MIDAS7	12 months	86
<b>SK-DASMK1-7/2401-DH</b>	MIDAS1 .. MIDAS7	24 months	86
<i>single spare parts</i>			
<b>SP-ECS24A-10-ASJ</b>		if required	86
<i>desiccant cartridge for -40°C/-70°C dp</i>			
<b>SK-DASMK1/4801-DH</b>	MIDAS1	48 months	86
<b>SK-DASMK2/4801-DH</b>	MIDAS2	48 months	86
<b>SK-DASMK3/4801-DH</b>	MIDAS3	48 months	86
<b>SK-DASMK4/4801-DH</b>	MIDAS4	48 months	86
<b>SK-DASMK5/4801-DH</b>	MIDAS5	48 months	86
<b>SK-DASMK6/4801-DH</b>	MIDAS6	48 months	86
<b>SK-DASMK7/4801-DH</b>	MIDAS7	48 months	86



## Adsorption

### Maintenance kits for domnick hunter MIDAS adsorption dryer size DAS1-7

	silencer element	expansion valve	valve core V1/V2	bottom gasket	solenoid coil 24VAC	desiccant cartridge DAS1	desiccant cartridge DAS2	desiccant cartridge DAS3	desiccant cartridge DAS4	desiccant cartridge DAS5	desiccant cartridge DAS6	desiccant cartridge DAS7	condensate drain	non return valve	housing gasket	special tools
<b>SK-DASMK1-7/1201-DH</b>	1															
<b>SK-DASMK1-7/2401-DH</b>		2	1	1												
<b>SP-ECS24A-10-ASJ</b>					1											
<b>SK-DASMK1/4801-DH</b>						1							1	2	2	1
<b>SK-DASMK2/4801-DH</b>							1						1	2	2	1
<b>SK-DASMK3/4801-DH</b>								1					1	2	2	1
<b>SK-DASMK4/4801-DH</b>									1				1	2	2	1
<b>SK-DASMK5/4801-DH</b>										1			1	2	2	1
<b>SK-DASMK6/4801-DH</b>											1		1	2	2	1
<b>SK-DASMK7/4801-DH</b>												1	1	2	2	1

## Adsorption

### Spare parts for domnick hunter railway dryer TD0800-1400G



Spare part kits for domnick hunter railway - dryers TYPE3 and TD .. G series are customised to the individual components of the dryer.

These kits can be combined for a preventive maintenance as well as for repairs.

The column "maintenance interval" contains periods recommended by the manufacturer. The table on the following page provides information on the content of the packages.

<i>spare part kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SR-VIL-VPC-DME-DH</b>	TD0800G .. TD 1400G	24 months	81
<b>SR-VEX/NC-DME-DH</b>	TD0800G .. TD 1400G	24 months	81
<b>SR-VRV-DME-DH</b>	TD0800G .. TD 1400G	24 months	81
<b>SP-VPS5/ZI-DME-DH</b>	TD0800G .. TD 1400G	24 months	82
<i>single spare parts</i>			
<b>SP-ECS024-DME-DH</b>	TD0800G .. TD 1400G	if required	82
<i>repair kits</i>			
<b>SR-SOF-DME-DH</b>	TD0800G .. TD 1400G	24 months	82
<b>SR-SOR-DME-DH</b>	TD0800G .. TD 1400G	24 months	82
<i>silencer</i>			
<b>SP-FSC-DME-DH</b>	TD0800G .. TD 1400G	12 months	82
<i>condensate valve</i>			
<b>SP-VMS08NO-024-DH</b>	TF-x55 .. TF-x870	12 months	82
<i>desiccant bundles</i>			
<b>SEDAFILL-28AA</b>	TD0800G .. TD0818G	28 kg 24 months	85
<b>SEDAFILL-33AA</b>	TD0950G .. TD0985G	33 kg 24 months	85
<b>SEDAFILL-36AA</b>	TD1100G	36 kg 24 months	85
<b>SEDAFILL-41AA</b>	TD1232G	41 kg 24 months	85
<b>SEDAFILL-46AA</b>	TD1400G	46 kg 24 months	85

## Adsorption

### Spare parts for domnick hunter railway dryer TD0800-1400G

	inlet valve hub cylinder	rep. kit expansion valve	non return valve	change over valve 24VDC	solenoid coil 24VDC	profile gasket valve block	seals vessel	silencer G1/2	condensate valve NO 24VDC	SEDAPAC 5AA	SEDAPAC 18AA
SR-VIL-VPC-DME-DH	2										
SR-VEX/NC-DME-DH		2									
SR-VRV-DME-DH			2				1				
SP-VPS5/2I-DME-DH				1							
SP-ECS024-DME-DH					1						
SR-SOF-DME-DH						2					
SR-SOR-DME-DH							4				
SP-FSC-DME-DH								2			
SP-VMS08NO-024-DH									1		
SEDAFILL-28AA										2	1
SEDAFILL-33AA										3	1
SEDAFILL-36AA											2
SEDAFILL-41AA										1	2
SEDAFILL-46AA										2	2

## Adsorption

### Spare parts for domnick hunter railway dryer TD0450-0650G



For the domnick hunter railway dryers TYPE2 series TD .. G most parts of the DME series are used, too. The individual access to the sections provides flexibility for repair and preventative maintenance.

For a general overhaul the bundles of the valve sections have to be ordered together with the gasket kits, the silencers and the suitable desiccant bundle

<i>spare part kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
<b>SR-VIL/NO-DME-DH</b>	TD450G .. TD650G	24 months	81
<b>SR-VEX/NC-DME-DH</b>	TD450G .. TD650G	24 months	81
<b>SR-VRV-DME-DH</b>	TD450G .. TD650G	24 months	81
<i>single spare parts</i>			
<b>SP-ECS024-DME-DH</b>	TD450G .. TD650G	if required	82
<i>repair kits</i>			
<b>SR-SOF-DME-DH</b>	TD450G .. TD650G	24 months	82
<b>SR-SOR-DME-DH</b>	TD450G .. TD650G	24 months	82
<i>silencer</i>			
<b>SP-FSC-DME-DH</b>	TD450G .. TD650G	12 months	82
<i>condensate valve</i>			
<b>SP-VMS08NO-024-DH</b>	TF-x55 .. TF-x870	12 months	82
<i>desiccant bundles</i>			
<b>SEDAPAC-18AA</b>	TD450G .. TD550G	18 kg 24 months	85
<b>SEDAFILL-28AA</b>	TD650G	28 kg 24 months	85

## Adsorption

### Spare parts for domnick hunter railway dryer TD0450-0650G

	rep. kit inlet valve NO	rep. kit expansion valve NC	non return valve	solenoid coil 24VDC	profile gasket valve block	seals vessel	silencer	condensate valve NO 24VDC	SEDAPAC 5AA	SEDAPAC 18AA
<b>SR-VIL/NO-DME-DH</b>	2									
<b>SR-VEX/NC-DME-DH</b>		2								
<b>SR-VRV-DME-DH</b>			2		1					
<b>SP-ECS024-DME-DH</b>				1						
<b>SR-SOF-DME-DH</b>					2					
<b>SR-SOR-DME-DH</b>						4				
<b>SP-FSC-DME-DH</b>							1			
<b>SP-VMS08NO-024-DH</b>								1		
<b>SEDAPAC-18AA</b>										1
<b>SEDAFILL-28AA</b>									2	1

## Single spare parts

### Heater cartridges (400V) for heat regenerated adsorption dryer



Heater cartridges for vacuum and blower regenerated adsorption dryers are designed for the extreme impacts in their application.

Sizes and power of a heater are often adjusted individually to the operating capacity and working principle of the adsorption dryer. Thus, the table below does not consider any special constructions.

We recommend keeping a spare unit on site in order to avoid downtimes of the adsorption dryer. You are welcome to ask us advice on suitable spare heaters and suitable applications

<i>heater cartridges 400V 3Ph</i>	<i>suitable for</i>	<i>power</i>	<i>current</i>	<i>flange</i>	<i>prod. grp.</i>
<b>SP-EHT004-400-065</b>	FST: DTS45V/BP .. DTS55V/BP ZANDER: WVM40 .. WVM50	4,5 kW	3x 6,5A	DN65	82
<b>SP-EHT008-400-080</b>	FST: DTS65V/BP .. DTS85V/BP ZANDER: WVM65 .. WVM85	8 kW	3x11,5A	DN80	82
<b>SP-EHT011-400-125</b>	FST: DTS125V/BP ZANDER: WVM120	11 kW	3x 16 A	DN125	82
<b>SP-EHT014-400-125</b>	FST: DTS155V/BP ZANDER: WVM150	14 kW	3x 23 A	DN125	82
<b>SP-EHT018-400-125</b>	FST: DTS215V/BP ZANDER: WVM200	18 kW	3x 26 A	DN125	82
<b>SP-EHT028-400-150</b>	FST: DTS250V/BP .. DTS380V/BP ZANDER: WVM235 .. WVM355	28 kW	3x 40,5 A	DN150	82
<b>SP-EHT040-400-150</b>	FST: DTS430V/BP...DTS500V/BP ZANDER: WVM410...WVM475	40 kW	3x 58 A	DN150	82
<b>SP-EHT058-400-200</b>	FST: DTS540V/BP...DTS720V/BP ZANDER: WVM525...WVM710	58 kW	3x 84 A	DN200	82
<b>SP-EHT084-400-200</b>	FST: DTS860V/BP.. DTS940V/BP ZANDER: WVM800...WVM920	84 kW	3x 121 A	DN200	82
<b>SP-EHT095-400-250</b>	FST: DTS1100V/BP ZANDER: WVM1080	95 kW	3x 137 A	DN250	82
<b>SP-EHT114-400-250</b>	FST: DTS1280V/BP ZANDER: WVM1230	114 kW	3x 165 A	DN250	82
<b>SP-EHT135-400-250</b>	FST: DTS1470V/BP ZANDER: WVM1450	135 kW	3x 195 A	DN250	82

Heater cartridges are not available on stock. For lead times please refer to the according quotation.

## Single spare parts

### Temperature transmitter (PT100) for heat regenerated adsorption dryer

<i>PT 100 for Temp.-control</i>	<i>suitable for</i>	<i>für pipe- Ø</i>	<i>length</i>	<i>prod. grp.</i>
<b>SP-EST100-15-ECA-MSG</b>	FST: DTS45 – DTS215	bis DN 80	100mm	82
<b>SP-EST120-15-ECA-MSG</b>	FST: DTS250 – DTS380	DN 100	120mm	82
<b>SP-EST150-15-ECA-MSG</b>	FST: DTS430 – DTS720 ZANDER: WVM040 .. WVM355	DN 150 DN 50 - 150	150 mm	82
<b>SP-EST200-15-ECA-MSG</b>	FST: DTS860... and bigger ZANDER: WVM410... and bigger	DN 200 - 250	200 mm	82

<i>Compression fitting for PT100</i>	<i>suitable for</i>	<i>connection</i>	<i>prod. grp.</i>
<b>SP-PWC-EST100-200-MSG</b>	SP-EST100-15-MSG SP-EST120-15-MSG SP-EST150-15-MSG SP-EST200-15-MSG	G1/2 - Ø8mm, stainless steel	82

## Single spare parts

### Temperature limiter for heater for heat regenerated adsorption dryer

<i>temperature-limit-switch for heater</i>	<i>suitable for</i>	<i>adjustable range</i>	<i>prod. grp.</i>
<b>SP-ETS/EM50-500-JUM</b>	FST: DTS45 – DTS1470 ZANDER: WVM40 .. WVM1450	50-500°C	82

## Single spare parts

### Pressure transmitter for heat regenerated adsorption dryer

<i>Pressure transmitter</i>	<i>description</i>	<i>prod. grp.</i>
<b>SP-ESP16-08-420-JUM</b>	Pressure transmitter 16bar 1/4" connection 4-20mA Incl. GDM plug	82

## Single spare parts

### Side channel blower type ELMO (400V) for vacuum regenerated adsorption dryers



Side channel blowers used as vacuum pumps for adsorption dryers are especially designed to be operated at high temperatures up to 220°C.

They are equipped with capsuled bearings and special impellers. The table below does not include any specialised version.

We recommend keeping a spare unit on site in order to avoid downtimes of the adsorption dryer. You are welcome to ask us advice on suitable spare heaters and suitable applications.

<i>side channel blower 400V 3Ph</i>	<i>suitable for</i>	<i>nom. Power (kW)</i>	<i>nom. Current (A)</i>	<i>volume flow (m<sup>3</sup>/h)</i>	<i>prod. grp.</i>
<b>SP-EVP1500-400-0.8-GDN</b>	FST: DTS45V .. DTS55V ZANDER: WVM40 .. WVM50	0,85	2,4△/1,4 Y	125	82
<b>SP-EVP1600-400-1.5-GDN</b>	FST: DTS65V .. DTS85V ZANDER: WVM65 .. WVM85	1,5	4,9△/2,8 Y	210	82
<b>SP-EVP1630-400-2.2-GDN</b>	FST: DTS125V ZANDER: WVM120	2,2	8,5△/4,9 Y	300	82
<b>SP-EVP1640-400-4.0-GDN</b>	FST: DTS155V ZANDER: WVM150	4,0	9,5△/5,5 Y	350	82
<b>SP-EVP1830-400-5.5-GDN</b>	FST: DTS215V ZANDER: WVM200	5,5	12,9△/7,4 Y	525	82
<b>SP-EVP1900-400-8.5-GDN</b>	FST: DTS250V .. DTS380V ZANDER: WVM235 .. WVM355	8,5	18,2△/10,5 Y	840	82
<b>SP-EVP1930-400-8.5-GDN</b>	FST: DTS430V .. DTS500V ZANDER: WVM410 .. WVM475	8,5	18,8△/10,9 Y	1100	82
<b>SP-EVP1940-400-15-GDN</b>	FST: DTS540V .. DTS720V ZANDER: WVM525 .. WVM710	15,0	35△/20 Y	1670	82

Other types and flow rates as well as equipment with PTC thermistors for operation with frequency inverters on request.  
Side channel blowers are not available on stock. Delivery times depend on quotation.

## Single spare parts

### Bearing sets for side channel blower type ELMO

Bearing kits for the side channel blower ensure that you got the right spare parts on site in case of emergency. These bearings are designed for a high temperature application.

We recommend any refurbishing work to be carried out by well educated service personnel or certified companies. FST explicitly disclaims all warranty requirements that are a consequence of bearing changes.

<i>bearing sets</i>	<i>suitable for</i>	<i>bearing blower side</i>	<i>bearing motor side</i>	<i>prod. grp.</i>
<b>SR-EVP1500-GDN</b>	SP-EVP1500	1x	1x	82
<b>SR-EVP1600-GDN</b>	SP-EVP1600 ; SP-EVP1630	1x	1x	82
<b>SR-EVP1640-GDN</b>	SP-EVP1640	1x	1x	82
<b>SR-EVP1830-GDN</b>	SP-EVP1830	1x	1x	82
<b>SR-EVP1900-GDN</b>	SP-EVP1900 ; SP-EVP1930	1x	1x	82
<b>SR-EVP1940-GDN</b>	SP-EVP1940	2x	2x	82
<b>SR-EVP1943-GDN</b>	SP-EVP1943	1x	1x	82



## Single spare parts

### Side channel blower type VACUVANE (400V) for vacuum regenerated adsorption dryers



FST adsorption dryer DTS series are equipped with side channel blowers type VACUVANE VSC since 2013. These side channel blowers offer a weight optimised design due to casted aluminium components and they are especially made for high temperature applications up to 220°C. All models offer an integrated thermal protection switch as standard and can be operated either at 50 Hz or 60 Hz. The protection class is IP55.

<i>side channel blower 400V 3Ph</i>	<i>suitable for</i>	<i>nom. Power (kW)</i>	<i>nom. Current (A)</i>	<i>volume flow (m<sup>3</sup>/h)</i>	<i>prod. grp.</i>
<b>SP-EVP0210-400-1.3-VAC</b>	FST: DTS45V .. DTS55V	1,3	5,7△/3,3 Y	130	82
<b>SP-EVP0315-400-1.6-VAC</b>	FST: DTS65V .. DTS85V	1,6	8,5△/4,9 Y	210	82
<b>SP-EVP0415-400-2.2-VAC</b>	FST: DTS125V	2,2	9,7△/5,6 Y	270	82
<b>SP-EVP0495-400-4.0-VAC</b>	FST: DTS155V	4,0	15,6△/9,0 Y	340	82
<b>SP-EVP0700-400-4.0-VAC</b>	FST: DTS215V	4,0	15,6△/9,0 Y	510	82
<b>SP-EVP1050-400-8.5-VAC</b>	FST: DTS250V .. DTS380V	8,5	18,2△/10,5 Y	875	82
<b>SP-EVP1370-400-8.5-VAC</b>	FST: DTS430V .. DTS500V	8,5	18,2△/10,5 Y	1100	82
<b>SP-EVP1950-400-15-VAC</b>	FST: DTS540V .. DTS720V	15,0	35△/20 Y	1660	82

Side channel blowers are not available on stock. Delivery times depending on quotation.

## Single spare parts

### Bearing sets for side channel blower type VACUVANE

With the bearing sets for the side channel blowers, you ensure that you have the right spare parts on site in an emergency. These bearings are specially designed for the high temperature range. We recommend that the assembly of bearing sets for side channel blowers only be carried out by authorized specialist personnel or designated specialist companies. FST GmbH expressly rejects guarantee claims as a result of bearing changes.

<i>bearing sets</i>	<i>suitable for</i>	<i>content</i>	<i>prod. grp.</i>
<b>SR-EVP0210-VAC</b>	SP-EVP0210	1x groove ball bearing blower side , 1x groove ball bearing motor side, 3x seal, 1x felt ring	82
<b>SR-EVP0315-VAC</b>	SP-EVP0315	1x groove ball bearing blower side , 1x groove ball bearing motor side, 3x seal, 1x felt ring	82
<b>SR-EVP0415-VAC</b>	SP-EVP0415	1x groove ball bearing blower side , 1x groove ball bearing motor side, 3x seal, 1x felt ring	82
<b>SR-EVP0495-VAC</b>	SP-EVP0495	1x groove ball bearing blower side , 1x groove ball bearing motor side, 3x seal, 1x felt ring	82
<b>SR-EVP0700-VAC</b>	SP-EVP0700	1x groove ball bearing blower side , 1x groove ball bearing motor side, 3x seal, 1x felt ring	82
<b>SR-EVP1050-VAC</b>	SP-EVP1050	1x groove ball bearing blower side , 1x groove ball bearing motor side, 3x seal, 1x felt ring	82
<b>SR-EVP1370-VAC</b>	SP-EVP1370	1x groove ball bearing blower side , 1x groove ball bearing motor side, 3x seal, 1x felt ring	82
<b>SR-EVP1950-VAC</b>	SP-EVP1950	1x groove ball bearing blower side , 1x groove ball bearing motor side, 3x seal, 1x felt ring	82

## Single spare parts

### Radial blowers type L&VT (400V) for vacuum- / blower regenerated adsorption dryers

Radial blowers of type L&VT are used with FST adsorption dryer DTS.. series when high volume flows are required.

All motors are standard motors acc. IEC rules, with 3 thermistors. Protection class IP55. IE2, type B3, winding 400/690V, ISO-class F, fixed bearing AS, suitable for variable speed controller.

Noise level for all sizes approx. 85 dB(A) acc. DIN45635 free field measure

Standard accessories: adapter for suction- and pressure side to pipe-Ø..., pipe sound adsorber for pressure side, 2 compensators, 2 baffle plates, and puls damper for place of installation.



<i>Radial blowers 400V 3Ph</i>	<i>suitable for</i>	<i>flange-Ø acc. DIN24154 R4</i>	<i>power</i>	<i>current</i>	<i>volume flow</i>	<i>prod. grp.</i>
<b>SP-EVP13971-400-19-LVT</b>	FST: DTS860 ; DTS940	160 mm	18,5 kW	31,5 A	1865 Nm <sup>3</sup> /h	82
<b>SP-EVP12000-400-30-LVT</b>	FST: DTS1100	200 mm	30 kW	52 A	2100 Nm <sup>3</sup> /h	82
<b>SP-EVP15971-400-30-LVT</b>	FST: DTS1280	200 mm	30 kW	52 A	2400 Nm <sup>3</sup> /h	82
<b>SP-EVP15985-400-30-LVT</b>	FST: DTS1470	200 mm	30 kW	52 A	2800 Nm <sup>3</sup> /h	82
<b>SP-EVP14942-400-37-LVT</b>	FST: DTS1700	250 mm	37 kW	64 A	3220 Nm <sup>3</sup> /h	82
<b>SP-EVP14956-400-45-LVT</b>	FST: DTS1900	250 mm	45 kW	77 A	3600 Nm <sup>3</sup> /h	82

Volume flow data for medium air, suction flow at 60°C (density 0,9 kg/m<sup>3</sup>)

Radial blowers are not available on stock. Delivery times depend on quotation.

## Single spare parts

### Soft sealed process flap valves type GEFA series K with actuator and limit switch



Soft sealed process flap valves series K are especially designed for operations at high temperatures up to 200°C and a system pressure of up to 16 bar.

A temperature proof silicone seat ring provides an optimal sealing and high durability. These valves are delivered completely with double-acting pneumatic actuator and proximity limit switch.

You are welcome to ask us advice on suitable spare heaters and suitable applications.

<i>process flap valves</i>	<i>description</i>	<i>max. pressure</i>	<i>flange</i>	<i>prod. grp.</i>
<b>SP-VFV040/16-KG11-APD-INI-GEF</b>	process flap valve soft sealed with pneum. actuator AP2 DA and limit switch IN5337	PN16	DN40	82
<b>SP-VFV050/16-KG9-APD-INI-GEF</b>	process flap valve soft sealed with pneum. actuator AP3 DA and limit switch IN5337	PN16	DN50	82
<b>SP-VFV065/16-KG9-APD-INI-GEF</b>	process flap valve soft sealed with pneum. actuator AP3 DA and limit switch IN5337	PN16	DN65	82
<b>SP-VFV080/16-KG9-APD-INI-GEF</b>	process flap valve soft sealed with pneum. actuator AP3 DA and limit switch IN5337	PN16	DN80	82
<b>SP-VFV100/16-KG9-APD-INI-GEF</b>	process flap valve soft sealed with pneum. actuator AP3,5 DA and limit switch IN5337	PN16	DN100	82
<b>SP-VFV125/16-KG9-APD-INI-GEF</b>	process flap valve soft sealed with pneum. actuator AP4 DA and limit switch IN5337	PN16	DN125	82
<b>SP-VFV150/16-KG9-APD-INI-GEF</b>	process flap valve soft sealed with pneum. actuator AP4,5 DA and limit switch IN5337	PN16	DN150	82
<b>SP-VFV200/16-KG9-APD-INI-GEF</b>	process flap valve soft sealed with pneum. actuator AP5 DA F10 and limit switch IN5337	PN16	DN200	82
<b>SP-VFV250/16-KG9-APD-INI-GEF</b>	process flap valve soft sealed with pneum. actuator AP5,5 DA and limit switch IN5337	PN16	DN250	82

## Single spare parts

### Soft sealed process flap valves type GEFA series K



Soft sealed process flap valves series K are the same as the ones above without pneumatic actuator and limit switch.

<i>process flap valves</i>	<i>description</i>	<i>max. pressure</i>	<i>flange</i>	<i>prod. grp.</i>
<b>SP-VFV040/16-KG11-GEF</b>	butterfly valve soft sealed	PN16	DN40	82
<b>SP-VFV050/16-KG9-GEF</b>	butterfly valve soft sealed	PN16	DN50	82
<b>SP-VFV065/16-KG9-GEF</b>	butterfly valve soft sealed	PN16	DN65	82
<b>SP-VFV080/16-KG9-GEF</b>	butterfly valve soft sealed	PN16	DN80	82
<b>SP-VFV100/16-KG9-GEF</b>	butterfly valve soft sealed	PN16	DN100	82
<b>SP-VFV125/16-KG9-GEF</b>	butterfly valve soft sealed	PN16	DN125	82
<b>SP-VFV150/16-KG9-GEF</b>	butterfly valve soft sealed	PN16	DN150	82
<b>SP-VFV200/16-KG9-GEF</b>	butterfly valve soft sealed	PN16	DN200	82
<b>SP-VFV250/16-KG9-GEF</b>	butterfly valve soft sealed	PN16	DN250	82

## Single spare parts

### Gasket kits for soft sealed process butterfly valves type GEFA series K

The sealing kits for the process butterfly valves type GEFA series K consists of a high temperature-proof silicone-seat ring and a shaft bushing.

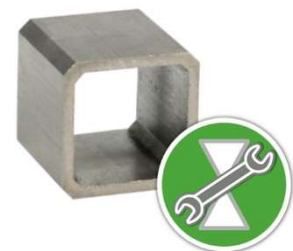


<i>silicone-valve seat</i>	<i>description</i>	<i>prod. grp.</i>
<b>SR-VFV040/16-K11/SI-GEF</b>	gasket kit DN40 consists of silicone-valve seat DN40, shaft bushing DN25-DN40	82
<b>SR-VFV050/16-K19S/SI-GEF</b>	gasket kit DN50 consists of silicone-valve seat DN50, shaft bushing DN50-DN80	82
<b>SR-VFV065/16-K19S/SI-GEF</b>	gasket kit DN65 consists of silicone-valve seat DN65, shaft bushing DN50-DN80	82
<b>SR-VFV080/16-K19S/SI-GEF</b>	gasket kit DN80 consists of silicone-valve seat DN80, shaft bushing DN50-DN80	82
<b>SR-VFV100/16-K19S/SI-GEF</b>	gasket kit DN100 consists of silicone-valve seat DN100, shaft bushing DN100	82
<b>SR-VFV125/16-K19S/SI-GEF</b>	gasket kit DN125 consists of silicone-valve seat DN125, shaft bushing DN125-DN150	82
<b>SR-VFV150/16-K19S/SI-GEF</b>	gasket kit DN150 consists of silicone-valve seat DN150, shaft bushing DN125-DN150	82
<b>SR-VFV200/16-K19S/SI-GEF</b>	gasket kit DN200 consists of silicone-valve seat DN200, shaft bushing DN200	82
<b>SR-VFV250/16-K19S/SI-GEF</b>	gasket kit DN250 consists of silicone-valve seat DN250, shaft bushing DN250	82

## Single spare parts

### Square adapter for process flaps type GEFA series K and actuators type GEFA series AP (M) DA

When changing a process flap without a actuatir and a actuator without a process flap, an adapter for the square shaft connection is required



<i>square adapter</i>	<i>suitable for</i>	<i>adapter size</i>	<i>prod. grp.</i>
<b>SP-MDA-VBA-F14/F11-SS</b>	process flap SP-VFV050/16-KG9-GEF with actuator AP3DA process flap SP-VFV065/16-KG9-GEF with actuator AP3DA process flap SP-VFV080/16-KG9-GEF with actuator AP3DA	14mm / 11mm	82
<b>SP-MDA-VBA-F17/F14-SS</b>	process flap SP-VFV100/16-KG9-GEF with actuator AP3,5DA	74mm / 14mm	82
<b>SP-MDA-VBA-F22/F17-SS</b>	process flap SP-VFV150/16-KG9-GEF with actuator AP4,5DA process flap SP-VFV200/16-KG9-GEF with actuator AP5DA	22mm / 17mm	82
<b>SP-MDA-VBA-F27/F22-SS</b>	process flap SP-VFV250/16-KG9-GEF with actuator AP5,5DA	72mm / 22mm	82

## Single spare parts

### High performance process butterfly valves type GEFA series HG with actuator and limit switch



The high-performance process butterfly valves series HG are suitable for operations under system pressures up to 25 bar.

Offering a PTFE sealing ring these flaps can be operated at temperatures up to 220°C.

The flaps are completely assembled with a double-acting pneumatic actuator and a proximity limit switch as limit position switch.

high performance butterfly valve	description	max. pressure	flange	prod. grp.
SP-VFV050/25-HG-APD-INI-GEF	high performance butterfly valve with PTFE seal and pneum. actuator APM 3,5 DA and limit switch IN5337	PN25	DN50	82
SP-VFV065/25-HG-APD-INI-GEF	high performance butterfly valve with PTFE seal and pneum. actuator APM 3,5 DA and limit switch IN5337	PN25	DN65	82
SP-VFV080/25-HG-APD-INI-GEF	high performance butterfly valve with PTFE seal and pneum. actuator APM 3,5 DA and limit switch IN5337	PN25	DN80	82
SP-VFV100/25-HG-APD-INI-GEF	high performance butterfly valve with PTFE seal and pneum. actuator APM 3,5 DA and limit switch IN5337	PN25	DN100	82
SP-VFV125/25-HG-APD-INI-GEF	high performance butterfly valve with PTFE seal and pneum. actuator APM 4 DA and limit switch IN5337	PN25	DN125	82
SP-VFV150/25-HG-APD-INI-GEF	high performance butterfly valve with PTFE seal and pneum. actuator APM 4,5 DA and limit switch IN5337	PN25	DN150	82
SP-VFV200/25-HG-APD-INI-GEF	high performance butterfly valve with PTFE seal and pneum. actuator APM 5 DA and limit switch IN5337	PN25	DN200	82
SP-VFV250/25-HG-APD-INI-GEF	high performance butterfly valve with PTFE seal and pneum. actuator APM 5,5 DA and limit switch IN5337	PN25	DN250	82

## Single spare parts

### High performance process butterfly valves type GEFA series HG



High performance butterfly valves series HG are the same as the ones above but without pneumatic actuator and limit switch.

high performance butterfly valve	description	max. pressure	flange	prod. grp.
SP-VFV050/25-HG-GEF	high performance butterfly valve with PTFE seal	PN25	DN50	82
SP-VFV065/25-HG-GEF	high performance butterfly valve with PTFE seal	PN25	DN65	82
SP-VFV080/25-HG-GEF	high performance butterfly valve with PTFE seal	PN25	DN80	82
SP-VFV100/25-HG-GEF	high performance butterfly valve with PTFE seal	PN25	DN100	82
SP-VFV125/25-HG-GEF	high performance butterfly valve with PTFE seal	PN25	DN125	82
SP-VFV150/25-HG-GEF	high performance butterfly valve with PTFE seal	PN25	DN150	82
SP-VFV200/25-HG-GEF	high performance butterfly valve with PTFE seal	PN25	DN200	82
SP-VFV250/25-HG-GEF	high performance butterfly valve with PTFE seal	PN25	DN250	82

## Single spare parts

### Gasket kits for high performance process butterfly valves type GEFA series HG

Sealing kits for process valves type GEFA series HG consist of a high temperature proofed PTFE-seat ring and a bushing set for sealing the shaft.

<i>gasket kits</i>	<i>description</i>	<i>prod. grp.</i>
<b>SR-VFV050/25-HG-GEF</b>	gasket kit DN50 consists of valve seat-PTFE/glass, shaft bushing DN50-DN100	82
<b>SR-VFV065/25-HG-GEF</b>	gasket kit DN65 consists of valve seat-PTFE/glass, shaft bushing DN50-DN100	82
<b>SR-VFV080/25-HG-GEF</b>	gasket kit DN80 consists of valve seat-PTFE/glass, shaft bushing DN50-DN100	82
<b>SR-VFV100/25-HG-GEF</b>	gasket kit DN100 consists of valve seat-PTFE/glass, shaft bushing DN50-DN100	82
<b>SR-VFV125/25-HG-GEF</b>	gasket kit 125 consists of valve seat-PTFE/glass, shaft bushing DN125-DN150	82
<b>SR-VFV150/25-HG-GEF</b>	gasket kit DN150 consists of valve seat-PTFE/glass, shaft bushing DN125-DN150	82
<b>SR-VFV200/25-HG-GEF</b>	gasket kit DN200 consists of valve seat-PTFE/glass, shaft bushing DN200-DN250	82
<b>SR-VFV250/25-HG-GEF</b>	gasket kit DN250 consists of valve seat-PTFE/glass, shaft bushing DN200-DN250	82

## Single spare parts

### Gasket kits for soft sealed process butterfly valves type TYCO series OptiSeal



Seat rings for TYCO process butterfly valves series OptiSeal are made of EPDM material. They can be used at temperatures up to 175°C and system pressures up to 16 bar. In addition, the repair kits include a new shaft sealing and a bearing bush.

You are welcome to ask us advice on suitable spare types and suitable applications.

<i>gasket kits</i>	<i>description</i>	<i>prod. grp.</i>
SR-VFV050/16-TYC	gasket kit DN50 consists of EPDM XP-valve seat, shaft bushing	82
SR-VFV065/16-TYC	gasket kit DN65 consists of EPDM XP-valve seat, shaft bushing	82
SR-VFV080/16-TYC	gasket kit DN80 consists of EPDM XP-valve seat, shaft bushing	82
SR-VFV100/16-TYC	gasket kit DN100 consists of EPDM XP-valve seat, shaft bushing	82
SR-VFV125/16-TYC	gasket kit DN125 consists of EPDM XP-valve seat, shaft bushing	82
SR-VFV150/16-TYC	gasket kit DN150 consists of EPDM XP-valve seat, shaft bushing	82
SR-VFV200/16-TYC	gasket kit DN200 consists of EPDM XP-valve seat, shaft bushing	82
SR-VFV250/16-TYC	gasket kit DN250 consists of EPDM XP-valve seat, shaft bushing	82

## Single spare parts

### Gasket kits for process butterfly valves type TYCO series HiLok

Sealing kits for TYCO process valves series HiLOK include all components required for a complete overhaul of these valves. The components are especially made for operations at high temperatures up to 200°C and pressures up to 40 bar.

<i>gasket kits</i>	<i>description</i>	<i>prod. grp.</i>
SR-VFV050/25-HL-TYC	gasket kit DN50 consists of RTFE-valve seat, support ring, stuffing glant	82
SR-VFV065/25-HL-TYC	gasket kit DN65 consists of RTFE-valve seat, support ring, stuffing glant	82
SR-VFV080/25-HL-TYC	gasket kit DN80 consists of RTFE-valve seat, support ring, stuffing glant	82
SR-VFV100/25-HL-TYC	gasket kit DN100 consists of RTFE-valve seat, support ring, stuffing glant	82
SR-VFV125/25-HL-TYC	gasket kit DN125 consists of RTFE-valve seat, support ring, stuffing glant	82
SR-VFV150/25-HL-TYC	gasket kit DN150 consists of RTFE-valve seat, support ring, stuffing glant	82
SR-VFV200/25-HL-TYC	gasket kit DN200 consists of RTFE-valve seat, support ring, stuffing glant	82
SR-VFV250/25-HL-TYC	gasket kit DN250 consists of RTFE-valve seat, support ring, stuffing glant	82

## Single spare parts

### Non-return flaps for inter flange mounting

Our high quality non-return butterfly valves are especially designed for the application at high temperature ranges up to 220°C and pressures up to 16 bar.  
Primarily these flaps are built into vacuum-regenerated adsorption dryers.



<i>non-return flaps</i>	<i>description</i>	<i>prod. grp.</i>
<b>SP-VFR040/16-END</b>	non-return flap valve DN40 for intermediate flange mounting tin plated steel with PTFE-valve seat, PN16	82
<b>SP-VFR050/16-END</b>	non-return flap valve DN50 for intermediate flange mounting tin plated steel with PTFE-valve seat, PN16	82
<b>SP-VFR065/16-END</b>	non-return flap valve DN65 for intermediate flange mounting tin plated steel with PTFE-valve seat, PN16	82
<b>SP-VFR080/16-END</b>	non-return flap valve DN80 for intermediate flange mounting tin plated steel with PTFE-valve seat, PN16	82
<b>SP-VFR100/16-END</b>	non-return flap valve DN100 for intermediate flange mounting tin plated steel with PTFE-valve seat, PN16	82
<b>SP-VFR125/16-END</b>	non-return flap valve DN125 for intermediate flange mounting tin plated steel with PTFE-valve seat, PN16	82
<b>SP-VFR150/16-END</b>	non-return flap valve DN150 for intermediate flange mounting tin plated steel with PTFE-valve seat, PN16	82
<b>SP-VFR200/16-END</b>	non-return flap valve DN200 for intermediate flange mounting tin plated steel with PTFE-valve seat, PN16	82

## Single spare parts

### Seals for intermediate flange assembly

Suitable flange seals are also available for the non-return valves shown above. When changing a non-return valve, 2 new flange seals are required.



<i>flange seal</i>	<i>description</i>	<i>prod. grp.</i>
<b>SP-PWG040/GP</b>	flange flat gasket DN40 graphit	82
<b>SP-PWG050/GP</b>	flange flat gasket DN50 graphit	82
<b>SP-PWG065/GP</b>	flange flat gasket DN65 graphit	82
<b>SP-PWG080/GP</b>	flange flat gasket DN80 graphit	82
<b>SP-PWG100/GP</b>	flange flat gasket DN100 graphit	82
<b>SP-PWG125/GP</b>	flange flat gasket DN125 graphit	82
<b>SP-PWG150/GP</b>	flange flat gasket DN150 graphit	82
<b>SP-PWG200/GP</b>	flange flat gasket DN200 graphit	82



## Single spare parts

### 4/2-way plug valves with actuator for heat-regenerated adsorption dryer\*



The 4/2-way plug valves with pneumatic actuator are especially equipped to be applied in heat-regenerated adsorption dryers. High temperature proof sealing materials such as PTFE and Viton guarantee a long life and allow temperatures up to 220 °C. The actuator is equipped with a special coupling to connect the driving shaft.

The actuator can be equipped optionally with 2 limit switches in order to monitor the position. Those 4/2-way plug valves are suitable for both repair and upgrading of older adsorption dryers. Please pay attention to delivery times.

4/2-way plug valve with pneumatic actuator	description	prod. grp.
SP-VPV040/40-APD-AZA	4/2-way plug valve DN40, PN40 with double-acting pneumatic actuator DR150	82
SP-VPS050/40-APD-AZA	4/2-way plug valve DN50; PN40 with double-acting pneumatic actuator DR300	82
SP-VPV080/40-APD-AZA	4/2-way plug valve DN80; PN40 with double-acting pneumatic actuator DR450	82
SP-VPV100/16-APD-AZA	4/2-way plug valve DN100; PN16 with double-acting pneumatic actuator DR600	82
SP-VPV150/16-APD-AZA	4/2-way plug valve DN150; PN16 with double-acting pneumatic actuator DR2000	82
SP-VPV200/16-APD-AZA	4/2-way plug valve DN200; PN16 with double-acting pneumatic actuator DR3000	82
SP-VPV250/16-APD-AZA	4/2-way plug valve DN250; PN16 with double-acting pneumatic actuator DR5000	82
SP-EPI-VBA-AZA	Limit switch suitable for actuator AirTourque DR150..DR6000 connection: 1x NC, 1x NO 250V/6A; IP65 , PG13,5	82

## Single spare parts

### 4/2-way plug valves for heat-regenerated adsorption dryer\*



The 4/2-way plug valves without pneumatic actuator.

This type is also equipped with the coupling connection for the driving shaft.

Flange gaskets are not included. Please pay attention to delivery times.

4/2-way plug valve	description	prod. grp.
SP-VPV040/40-AZA	4/2-way plug valve DN40, PN40	82
SP-VPS050/40-AZA	4/2-way plug valve DN50; PN40	82
SP-VPV080/40-AZA	4/2-way plug valve DN80; PN40	82
SP-VPV100/16-AZA	4/2-way plug valve DN100; PN16	82
SP-VPV150/16-AZA	4/2-way plug valve DN150; PN16	82
SP-VPV200/16-AZA	4/2-way plug valve DN200; PN16	82
SP-VPV250/16-AZA	4/2-way plug valve DN250; PN16	82

\* on the dryers before 2013, the plug valves must be changed together, otherwise an adapter for the cardan shaft is required

## Einzersatzteile Single spare parts

### Angle seat valves with pneumatic actuator

Angle seat valves operate in many different applications. On adsorption dryers they are primarily used as expansion- and repressurisation valves. But in other applications these angle seat valves convince with their reliability, too. All valves can be operated at a pressure up to 16 bar and a maximum temperature of 150°C.



<i>angle seat valves</i>	<i>description</i>	<i>prod. grp.</i>
<b>SP-VSV15/16-50-SSV</b>	angle seat valve G1/2 i , PN16, including pneumatic actuator 50mm spring returned	82
<b>SP-VSV20/16-50-SSV</b>	angle seat valve G3/4 i , PN16, including pneumatic actuator 50mm spring returned	82
<b>SP-VSV25/16-50-SSV</b>	angle seat valve G1 i , PN16, including pneumatic actuator 50mm spring returned	82
<b>SP-VSV32/16-80-SSV</b>	angle seat valve G1 1/4 i , PN16, including pneumatic actuator 80mm spring returned	82
<b>SP-VSV40/16-80-SSV</b>	angle seat valve G1 1/2 i , PN16, including pneumatic actuator 80mm spring returned	82
<b>SP-VSV50/16-80-SSV</b>	angle seat valve G2 i , PN16, including pneumatic actuator 80mm spring returned	82
<b>SP-VSV65/16-80-SSV</b>	angle seat valve G2 1/2 i , PN16, including pneumatic actuator 80mm spring returned	82

## Single spare parts

### Gasket kits for angle seat valves

Sealing kits for angle seat valves as shown above include all relevant spare parts for valve seats and for the pneumatic actuator, too.



<i>gasket kits</i>	<i>description</i>	<i>prod. grp.</i>
<b>SR-VSV15/16-50-SSV</b>	gasket kit for angle seat valve G1/2 i , PN16, and pneumatic actuator 50mm	82
<b>SR-VSV20/16-50-SSV</b>	gasket kit for angle seat valve G3/4 i , PN16, and pneumatic actuator 50mm	82
<b>SR-VSV25/16-50-SSV</b>	gasket kit for angle seat valve G1 i , PN16, and pneumatic actuator 50mm	82
<b>SR-VSV32/16-80-SSV</b>	gasket kit for angle seat valve G1 1/4 i , PN16, and pneumatic actuator 80mm	82
<b>SR-VSV40/16-80-SSV</b>	gasket kit for angle seat valve G1 1/2 i , PN16, and pneumatic actuator 80mm	82
<b>SR-VSV50/16-80-SSV</b>	gasket kit for angle seat valve G2 i , PN16, and pneumatic actuator 80mm	82
<b>SR-VSV65/16-80-SSV</b>	gasket kit angle seat valve G2 1/2 i , PN16, and pneumatic actuator 80mm	82

## Single spare parts

### Silencer for adsorption dryer



Silencers from FST meet the high requirements for expansion of compressed air on adsorption dryers and also fulfil the requirements of lowest backpressure and noise. Furthermore, these silencers keep back abrasion and particles from desiccant.

The energy efficiency and fault-free function of dryers can be guaranteed only by periodic renewal of these silencers.

You are welcome to ask us advice on suitable spare types and suitable applications.



<i>Porex silencer</i>	<i>description</i>	<i>prod. grp.</i>
<b>SP-FSC08-PX</b>	Porex silencer G1/4 a	82
<b>SP-FSC10-PX</b>	Porex silencer G3/8 a	82
<i>alu-silencer PN16</i>	<i>description</i>	<i>prod. grp.</i>
<b>SP-FSC15</b>	aluminium silencer G1/2 a	82
<b>SP-FSC25</b>	aluminium silencer G1 a	82
<b>SP-FSC40</b>	aluminium silencer G1 1/2 a	82
<b>SP-FSC50</b>	aluminium silencer G2 a	82
<i>silencer for high pressure</i>	<i>description</i>	<i>prod. grp.</i>
<b>SP-FSC15/350</b>	aluminium silencer G1/2 a, suitable for high pressure dryers up to PN350	82
<b>SP-FSC-B15F-SV (female thread)</b>	aluminium silencer G1/2 a, with safety valve, suitable for high pressure dryers up to 500 bar, if appropriate orifice is installed in the expansion line before. For all DHW dryers from serial D002980, or older ones that have been upgraded	82
<b>SP-PWO-DHW-B15-B15</b>	Adapter 1/2" male to 1/2" female for change from SP-FSC15/350 to SP-FSC-BF-SV Therefore we need to know max. pressure of the unit to size the orifice and drill it accordingly (Ø 3,0 up to 7,5 mm).	82

## Single spare parts

### Silencers for various applications

Filter silencers of type KNX are primarily used with uniform exhaust air streams. They allow very low noise levels and keep particles back from the air stream. For these silencers, appropriate replacement elements are available.

Other silencers shown fit to different adsorption dryers and nitrogen generators manufactured by domnick hunter.



<i>filter silencer PN16</i>	<i>description</i>	<i>prod. grp.</i>
<b>SP-FSC20-KNX</b>	filter silencer G3/4 i, complete mounted	82
<b>SP-FSC25-KNX</b>	filter silencer G1 i, complete mounted	82



<i>replacement element for filter silencer</i>	<i>description</i>	<i>prod. grp.</i>
<b>SR-FSC15-20-KNX</b>	replacement element suitable for filter silencer G1/2 and G3/4	82
<b>SR-FSC25-KNX</b>	replacement element suitable for filter silencer G1	82



<i>silencer for domnick hunter dryer</i>	<i>description</i>	<i>prod. grp.</i>
<b>SP-FSC15-DM-DH</b>	aluminium silencer G1/2, suitable for MIDI/DME series	82
<b>SP-FSC-DX-DH</b>	aluminium silencer G1 1/4, suitable for MAXI series	82
<b>SP-FSC-MXS-DH</b>	aluminium silencer G1 1/2, suitable for MAXI-PLUS series	86

<i>filter silencer for nitrogen generators etc.</i>	<i>description</i>	<i>prod. grp.</i>
<b>SP-FSC-MIST-X25</b>	filter silencer Mist-X 25, G 1/2	86
<b>SP-FSC-MIST-X50</b>	filter silencer Mist-X50, G 1	86
<b>SP-FSC-MIST-X150</b>	filter silencer Mist-X150, G1 1/2	86



<i>foam silencer</i>	<i>description</i>	<i>prod. grp.</i>
<b>SP-FSC-MI-DH</b>	silencer for domnick hunter MINI DM002 .. DM006	82

## Single spare parts

### Exhaust silencers



In order to reduce noise from regeneration exhaust air streams by vacuum or blower regenerated adsorption dryers on site so called cross talk silencers are used.

These silencers are made of a flexible aluminium corrugated pipe. The interior is made of a perforated aluminium tube which is jacketed with resin bonded mineral wool. They obtain an average attenuation of up to 9 dB. All silencers correspond to DIN4102 class A1, they are resistant to a temperature of up to 200 °C and non-combustible.

<i>exhaust silencers</i>	<i>width [mm]</i>	<i>length [mm]</i>	<i>outer Ø [mm]</i>	<i>damping at 250 Hz [dB]</i>	<i>prod. grp.</i>
<b>SP-FSC80X750-SD50-HTH</b>	80	750	180	17	82
<b>SP-FSC80X1000-SD50-HTH</b>	80	1000	180	19	82
<b>SP-FSC100X1000-SD50-HTH</b>	100	1000	200	16	82
<b>SP-FSC150X1000-SD50-HTH</b>	150	1000	250	10	82
<b>SP-FSC200X1000-SD50-HTH</b>	200	1000	300	9	82

## Single spare parts

### Exhaust silencers type TROX CA



Pipe silencers of type TROX are used on site for the noise reduction of very large exhaust air streams. In the rigid structure the outer pipe and the perforated inner tube consist of galvanized sheet steel. The 100mm thick coat is made of non-combustible mineral wool. An average attenuation of up to 9 dB can be obtained.

All silencers correspond to DIN4102 class A1 and are resistant to temperatures of up to 200°C.

<i>exhaust silencers</i>	<i>width [mm]</i>	<i>length [mm]</i>	<i>outer Ø [mm]</i>	<i>damping at 250 Hz [dB]</i>	<i>prod. grp.</i>
<b>SP-FSC100X1000-CA100-TRX</b>	100	1000	300	24	82
<b>SP-FSC160X1000-CA100-TRX</b>	160	1000	360	18	82
<b>SP-FSC200X1000-CA100-TRX</b>	200	1000	400	16	82
<b>SP-FSC250X1000-CA100-TRX</b>	250	1000	450	14	82

## Single spare parts Intake filters for heat-regenerated adsorption dryer

Air intake filter series FIF fit to the air inlet of the heater pipe on heat-vacuum-regenerated adsorption dryers or to the suction inlet of a blower. This filter prevents dirt particles from burning onto the heating elements or e.g. from being carried into the desiccant bed of vacuum-regenerated dryers. Thus, the components in the regeneration air stream are effectively protected, the fire risk is reduced (on heating) and the life prolongs significantly. Suitable replacement filter sheets are available for already installed suction filters. In order to install the air intake filter FIF to heaters and blowers, request FST to provide an appropriate adapter.



<i>intake filter housing</i>	<i>description</i>	<i>prod. grp.</i>
<b>SP-FIF-DTS045-085-F7G4-RAS</b>	intake-filter for dryer DTS045-085V, filter size 7, filtration class G4 acc. EN779; Ø175mm, length: 247mm; max. volume flow 380m <sup>3</sup> /h	82
<b>SP-FIF-DTS125-215-F12G4-RAS</b>	intake-filter for dryer DTS125-215V, filter size 12, filtration class G4 acc. EN779; Ø250mm, length: 272mm; max. volume flow 615m <sup>3</sup> /h	82
<b>SP-FIF-DTS250-650-F19G4-RAS</b>	intake-filter for dryer DTS250-650V, filter size 19, filtration class G4 acc. EN779; Ø375mm, length: 429mm; max. volume flow 1520m <sup>3</sup> /h	82
<b>SP-FIF-DTS720-1700-F21G4-RAS</b>	intake-filter for dryer DTS720-1700V, filter size 21, filtration class G4 acc. EN779; Ø420mm, length: 566mm; max. volume flow 2320m <sup>3</sup> /h	82

## Single spare parts Silicone-spiral-canvas-hose

Silicone canvas hot air hoses are used as flexible connectors between the regeneration gas valve and the vacuum pump on DTS .. , ZANDER WVM and similar dryers.

These hoses should be checked regularly for brittleness and should be replaced, if necessary.

This silicone-canvas hot air hoses are 2-ply, complying with the DIN3017 and temperature resistant up to +250°C

Corresponding wire hose clamps are available.



<i>spiral-canvas-hose</i>	<i>description</i>	<i>prod. grp.</i>
<b>SP-PWH040-500/SI</b>	DN40 silicone-spiral-canvas-hose, Ø51mm, length 500mm	82
<b>SP-PWH050-500/SI</b>	DN50 silicone-spiral-canvas-hose, Ø63mm, length 500mm	82
<b>SP-PWH065-500/SI</b>	DN65 silicone-spiral-canvas-hose, Ø76mm, length 500mm	82
<b>SP-PWH080-500/SI</b>	DN80 silicone-spiral-canvas-hose, Ø90mm, length 500mm	82
<b>SP-PWH100-500/SI</b>	DN100 silicone-spiral-canvas-hose, Ø114mm, length 500mm	82
<b>SP-PWH125-500/SI</b>	DN125 silicone-spiral-canvas-hose, Ø152mm, length 500mm	82
<b>SP-PWH150-500/SI</b>	DN150 silicone-spiral-canvas-hose, Ø178mm, length 500mm	82
<b>SP-PWH200-500/SI</b>	DN200 silicone-spiral-canvas-hose, Ø254mm, length 500mm	82

### *hose clamp*

<b>SP-MCL050-070</b>	wire hose clamp Ø50-70mm	82
<b>SP-MCL080-100</b>	wire hose clamp Ø80-100mm	82
<b>SP-MCL100-120</b>	wire hose clamp Ø100-120mm	82
<b>SP-MCL120-140</b>	wire hose clamp Ø120-140mm	82
<b>SP-MCL140-160</b>	wire hose clamp Ø140-160mm	82
<b>SP-MCL160-180</b>	wire hose clamp Ø160-180mm	82
<b>SP-MCL180-220</b>	wire hose clamp Ø280-200mm	82

## Controller

### Controller for upgrading heatless-regenerated adsorption dryer



The FST controller C1 is ideal to be suited as retrofit on heatless regenerated adsorption dryers of all types and manufacturers.

Many older dryers are still driven by simple time controllers or cam timers, regardless of energy losses, caused by purge air consumption. Thanks to an upgrade with the C1 controller including dew-point measurement, typically 20% of the valuable compressed air can be saved.

This guarantees a short return on invested time and protects the environment. The upgrade itself is done with some handles, afterwards C1 takes control.

	<i>content</i>	<i>prod. grp.</i>
<b>SU-ECH-C1/230/115-PLUS</b>	retrofit package C1 dryer controller 230/115VAC including dew-point measurement 1) multifunctional controller suitable for all heatless regenerated adsorption dryers and HOC-dryers of any type/manufacturer 230VAC with display 2x16 characters, option for integrated dew-point measurement including 4-20mA output, or linking with external dew-point measurement equipment control of differential pressure of filter free programmable alarms, service run timer function 5x output 230VAC/30VA, 1x potential free alarm, 2) dew-point transmitter ESH420, -100°C .. +20°C dp 3) measuring chamber for dew-point transmitter ESH420 2) mounting material 3) cable set	82
<b>SU-ECH-C1/230/115-BASIC</b>	retrofit package C1 dryer controller 230/115VAC without dew-point measurement, (suitable for dew-point monitoring) 1) multifunctional controller suitable for all heatless regenerated adsorption dryers and HOC-dryers of any type/manufacturer 230VAC with display 2x16 characters, option for integrated dew-point measurement including 4-20mA output, or linking with external dew-point measuring equipment control of differential pressure of filter free programmable alarms, service run timer function 5x output 230VAC/30VA, 1x potential free alarm, 2) mounting material 3) cable set	82
<b>SP-ECH-C1/230/115</b>	Replacement control C1 230/115VAC, without cables and mounting material	82

Both articles are available in 24VDC as well (SU-ECH-C1/24VDC-PLUS, SU-ECH-C1/24VDC-BASIC oder SP-ECH-C1/024)

## Controller

### Controller for upgrading heat-regenerated adsorption dryer

The control cabinets for retrofitting heat-regenerated adsorption dryers are equipped with the control module C10. The highly flexible control program of this controller enables the operation of dryers of various designs (vacuum, blower, upstream, downstream, Loop Cooler, etc.) and for a wide range of power classes. The C10 controller with 5.7" touch display allows an intuitive operation. The structured program offers the advantage of representing all measured values (dew-point temperatures, pressures, functions) and of recording them for analysis. Measured values are shown as curves and can be downloaded via USB interface. The C10 is the first choice when cost-effectiveness and easy-installation are required when replacing old controllers.



	<i>voltage</i>	<i>power heater</i>	<i>heater steps</i>	<i>power blower</i>	<i>total power consumption</i>	<i>cabinet type</i>	<i>prod. grp.</i>
<b>SU-ECH-C10-006-400</b>	400V 3ph	4,5 kW	1	0,9 kW	5,5 kW	AE1057	82
<b>SU-ECH-C10-010-400</b>	400V 3ph	8 kW	1	1,6 kW	9,6 kW	AE1057	82
<b>SU-ECH-C10-013-400</b>	400V 3ph	11 kW	1	2,2 kW	13,2 kW	AE1057	82
<b>SU-ECH-C10-018-400</b>	400V 3ph	14 kW	1	4,0 kW	18,0 kW	AE1057	82
<b>SU-ECH-C10-024-400</b>	400V 3ph	18 kW	1	5,5 kW	23,5 kW	AE1058	82
<b>SU-ECH-C10-037-400</b>	400V 3ph	28 kW	1	8,5 kW	36,5 kW	AE1058	82
<b>SU-ECH-C10-044-400</b>	400V 3ph	35 kW	1	8,5 kW	43,5 kW	AE1058	82
<b>SU-ECH-C10-050-400</b>	400V 3ph	40 kW	1	8,5 kW	48,5 kW	AE1058	82
<b>SU-ECH-C10-063-400</b>	400V 3ph	48 kW	2	15 kW	63 kW	AE1213	82
<b>SU-ECH-C10-073-400</b>	400V 3ph	58 kW	2	15 kW	73 kW	AE1213	82
<b>SU-ECH-C10-085-400</b>	400V 3ph	69 kW	2	15 kW	85 kW	AE1213	82
<b>SU-ECH-C10-090-400</b>	400V 3ph	74 kW	2	15 kW	89 kW	AE1213	82
<b>SU-ECH-C10-110-400</b>	400V 3ph	84 kW	2	25 kW	109 kW	CM5123	82
<b>SU-ECH-C10-125-400</b>	400V 3ph	95 kW	2	30 kW	125 kW	CM5123	82
<b>SU-ECH-C10-145-400</b>	400V 3ph	114 kW	2	30 kW	144 kW	CM5123	82
<b>SU-ECH-C10-165-400</b>	400V 3ph	135 kW	2	30 kW	165 kW	CM5123	82

#### Content

C10 controller module completely assembled / tested in switch cabinet

- main switch
  - 4 inputs 4-20mA (dew-point transmitter, pressure transmitter 1 & 2, 1x free)
  - 2 inputs PT100 resistance temperature sensor
  - 8 inputs digital (for limit switches etc.)
  - motor protection switch for blower / vacuum pump
  - contactor for heater (1-2 stages)
  - common alarm relay
  - program update via SD memory card
  - RS485 interface
  - Ethernet interface / - USB port for data download
- \* further options possible (frequency converter, profibus or Modbus gateway,... )





## Controller

### Front panel exchange control C10 for retrofitting warm regenerated adsorption dryers



FST front panel exchange control is a cost-effective and easy-to-install alternative for retrofitting warm regenerated adsorption dryers of type DTS, WVM and all similar warm regenerated adsorption dryers to the C10 control \*. The panel structure enables installation in common control cabinets.

The control evaluates signals from measuring devices / sensors of the adsorption dryer and controls the actuators of the adsorption dryer in such a way that an adsorption dryer can be operated automatically and continuously. Malfunctions are recognized and signaled via alarm messages. All relevant operating parameters are recorded and can be shown on site on the control display or downloaded via the USB interface.

#### specifications

prod.  
grp.

SU-ECH-C10-024-8CR

Front panel exchange control C10 consist of:

- Front panel made of aluminum H = 370mm W = 291mm with Threaded rivets for installation in an existing one Cabinet door
- C10 control module fully assembled with I / O card module, coupling relay 24V and Connection terminals on top-hat rail
- Operating software for heat regenerated Adsorption dryer type DTS or WVM



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\* Please clarify with the manufacturer to what extent the control is suitable for your application or what may have been adapted to the control must become.

## Controller

### Switching control for 2 adsorption dryers



With the help of the changeover control, 2 compressed air dryers can be operated alternately automatically. All dryers with a "remote start / stop contact" or a "compressor synchronism contact" can be connected and controlled without any further modification.

Cold regenerative dryers with low power requirements can also be supplied with 230VAC voltage directly from the switchover control.

To switch the dryer on and off, the higher-level controller uses the Dryer controls available compressor synchronization contact or remote start / stop contact.

At the same time, the on-site shut-off devices (solenoid valves or flaps with 230 VAC actuators) to shut off the flow per dryer are activated or supplied with voltage.

#### specifications

prod.  
grp.

DA-CM1-230/STIP1-01-ATS

Compact micro PLC JZ 10-11-R31 or JZ20-R31 with 2-line LCD display with 16 characters each  
 16 digital inputs (24VDC), 2 as counter  
 11 relay outputs (230VAC / 30VDC. Max. 3A)  
 2 analog inputs 4-20mA (or 0-20mA)  
 2 analog inputs 0-10V or as digital inputs pnp / npn can be used  
 Keyboard: 16 membrane keys  
 DIN rail and panel mounting  
 Power supply: 230VAC  
 Cutout: W x H: 117 x 89 mm



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The above article is also available in 690VAC (DA-CM1-690 / STIP1-01-ATS)

## Measuring technology Upgrade kits for dew-point metering

Many adsorption dryers are still working with an obsolete or no dew-point meter at all. But only an exact dew-point metering allows energy savings of 20% or more by dynamically adapting the operation or the regeneration cycle of dryers to the actual consumption situation. The dew-point meters in these upgrade kits provide a 4-20mA signal and can be used with any type of controller with an appropriate input (switch or analogue).

The SU-ESH3000-5000 offers a display unit with 2 relay outputs to control external devices.



<i>upgrade kit dew-point metering</i>	<i>technical data</i>	<i>prod. grp.</i>
<b>SU-TDS420-DTS</b>	dew-point metering for upgrading FST DTS dryers and other adsorption dryers from various manufactures, consists of: - dew-point transmitter -100..+20°C dp 4-20mA signal, 24VDC - adapter ½" – 5/8 UNF - 2,8m assembled cable with M12 plug - measuring chamber with exhaust spiral	82
<b>SU-TDS420-DPS</b>	dew-point metering for upgrading FST DPS dryers or high pressure dryers or for direct installation into a compressed air pipe, consists of: - dew-point transmitter -100..+20°C dp, 4-20mA signal, 24VDC - adapter ½" – 5/8 UNF - 2,8m assembled cable with M12 plug	82
<b>SU-ESH3000-5000</b>	dewpoint meter for retrofitting or as replacement for ZANDER dew-point meters ZH3000 , ZH4000 , ZH5000 or PANAMETRICS Moisture Target Series 4..5 consists of: display module for panel mounting, build in frame, dew-point transmitter, measuring chamber, assembled cable	82

## Measuring technology Upgrade kits for temperature metering

Heat regenerated adsorption dryers from earlier years of construction are often still equipped with mechanical thermostats for the regulation of heater- and process temperatures. Those thermostats often got a wide hysteresis (typically >15°C) or they are reacting slowly and unprecisely.

By retrofitting those temperature controls with an electronic temperature regulator the temperature can be controlled more precisely. Thereby an overdriving of heater power is avoided and significant energy savings can be realised.



<i>upgrade kit temperature metering</i>	<i>technical data</i>	<i>prod. grp.</i>
<b>SU-EDD-EST150</b>	temperature regulator for retrofitting or as replacement for mechanical thermostats consists of: display module for DIN-rail mounting, 150mm resistance thermo couple, G½ pipe connector, assembled cable with plug	82
<b>SU-EDD-EST200</b>	temperature regulator for retrofitting or as replacement for mechanical thermostats consists of: display module for DIN-rail mounting, 20mm resistance thermo couple, G½ pipe connector, assembled cable with plug	82

## Measuring technology

### Dew-point transmitter to be build in




The dew-point transmitters SP-ESH420 are separately available for replacement and upgrading. In addition, there are two ATEX compliant versions available.


	<i>technical data</i>	<i>prod. grp.</i>
<b>SP-ESH420</b>	dew-point transmitter -100..+20°C dp supply voltage 24VDC output 4-20mA thread 5/8" UNF in protective packing with calibration certificate	82
<b>SP-ESH420-EA2</b>	dew-point transmitter -100..+20°C dp ATEX proof supply voltage 24VDC output 4-20mA (2-wire technology) thread 5/8" UNF in protective packing with calibration certificate	82
<b>SP-ESH420-EPR</b>	dew-point transmitter -100..+20°C dp ATEX proof in field housing with threaded terminals supply voltage 24VDC output 4-20mA (2-wire technology) connection 5/8" UNF in protective packing with calibration certificate	82
<b>SP-PWR-ESH-B15M-U16F-SS</b>	adapter for ESH420 dewpoint transmitter 5/8"UNF inside - G1/2" outside	82
<b>SP-ECA3-GDS307-ESH420</b>	assembled connection cable for ESH 420 dew point sensor 3m with GDS307 angled connector	82

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