

Service catalogue

EN - 2019



FST GmbH Filtrations-Separations-Technik



Sales office:
Im Teelbruch 106 - 45219 Essen

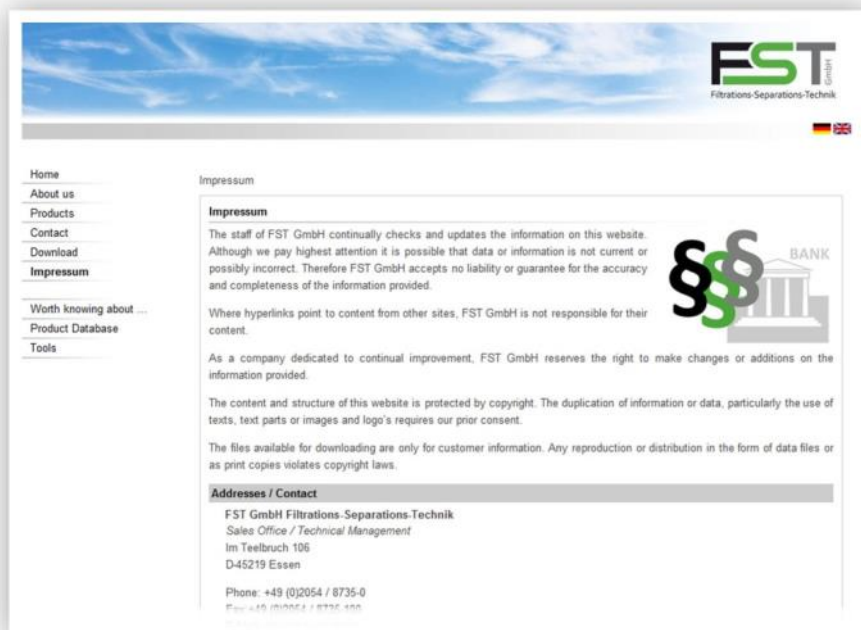
+49 (0)2054 / 8735-0
+49 (0)2054 / 8735-100
info@fstweb.de
www.fstweb.de



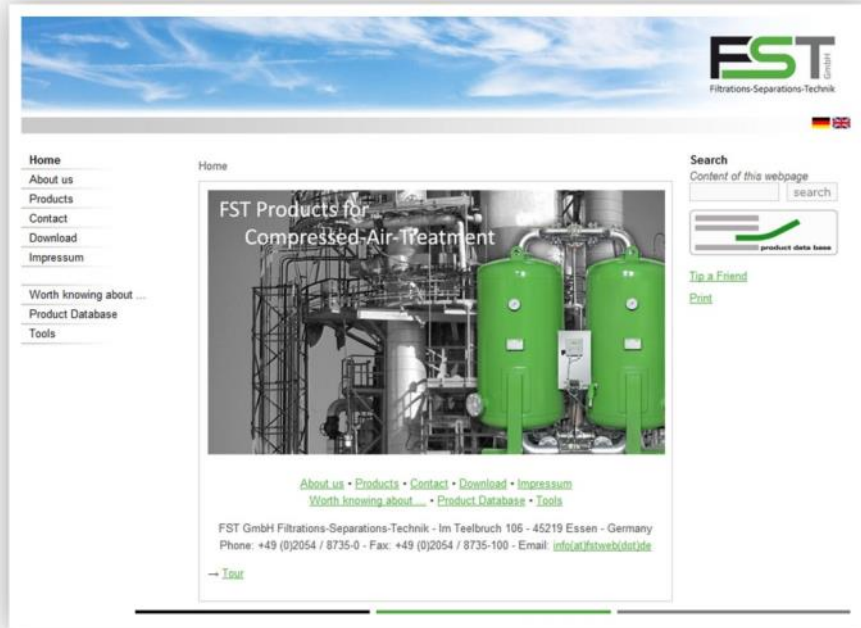
Headquarters/ Production / Logistics:
Weiherdamm 17 - 57250 Netphen-Deuz

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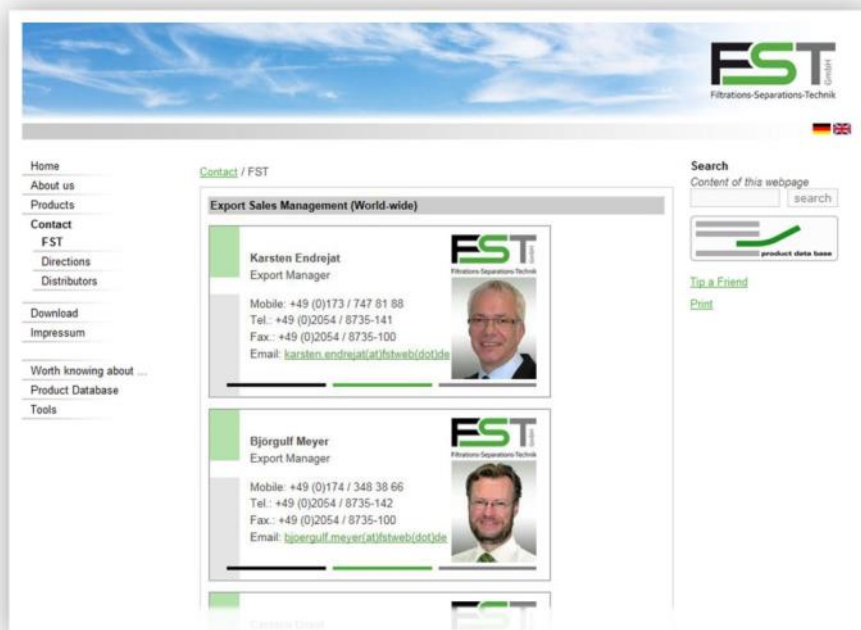
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Service concept

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.

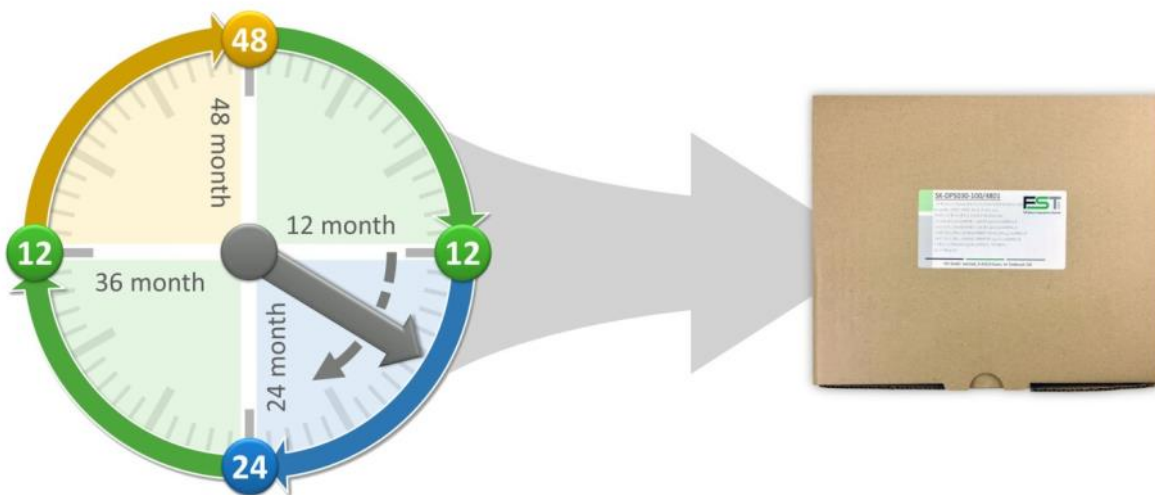
The failure of a compressed air treatment component highly reduces the compressed air purity, which leads to a contamination of the entire compressed air system with pollutants and respective consequences.

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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High temperature spiral hose



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Control units



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Measuring technology



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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>
SP-SOS-FCA20-25/PB	FCA20 .. FCA25	NBR O-ring filter housing	82
SP-SOS-FCA30-70/PB	FCA30 .. FCA70	NBR O-ring filter housing	82
SP-SOS-FCA90-130/PB	FCA90 .. FCA130	NBR O-ring filter housing	82
SP-SOS-FCA140-170/PB	FCA140 .. FCA170	NBR O-ring filter housing	82
SP-SOS-FCA180-190/PB	FCA180 .. FCA190	NBR O-ring filter housing	82
<i>Viton seals for aluminium housings</i>			
SP-SOS-FCA20-25/FK	FCA20 .. FCA25	VITON O-ring filter housing	82
SP-SOS-FCA30-70/FK	FCA30 .. FCA70	VITON O-ring filter housing	82
SP-SOS-FCA90-130/FK	FCA90 .. FCA130	VITON O-ring filter housing	82
SP-SOS-FCA140-170/FK	FCA140 .. FCA170	VITON O-ring filter housing	82
SP-SOS-FCA180-190/FK	FCA180 .. FCA190	VITON O-ring filter housing	82
<i>seals for flange filter housings</i>			
SP-PWG-FWS140-190/CF	FWS140 .. FWS190	C4400 flange gasket	82
SP-PWG-FWS200-300/CF	FWS200 .. FWS300	C4400 flange gasket	82
SP-PWG-FWS400/CF	FWS400	C4400 flange gasket	82
SP-PWG-FWS600-800/CF	FWS600 .. FWS800	C4400 flange gasket	82
SP-PWG-FWS1000-1200/CF	FWS1000 .. FWS1200	C4400 flange gasket	82
SP-PWG-FWS1600-2000/CF	FWS1600 .. FWS2000	C4400 flange gasket	82
<i>NBR seals for high pressure filter housings</i>			
SP-SOS-FMA30-70/PB	FMA30 .. FMA70	NBR O-ring filter housing	82
SP-SOS-FMS90-110/PB	FMS90 .. FMS110	NBR O-ring filter housing	82
<i>Viton seals for high pressure filter housings</i>			
SP-SOS-FMA30-70/FK	FMA30 .. FMA70	VITON O-ring filter housing	82
SP-SOS-FMS90-110/FK	FMS90 .. FMS110	VITON O-ring filter housing	82
<i>EPDM seals for sterile filter housings</i>			
SP-SGR-FWP20-90/EP	FWP20 .. FWP90	EPDM aseptic housing gasket	82
SP-SGR-FWP110-120/EP	FWP110 .. FWP120	EPDM aseptic housing gasket	82
SP-SGR-FWP130-170/EP	FWP130 .. FWP170	EPDM aseptic housing gasket	82
SP-SGR-FWP180-190/EP	FWP180 .. FWP190	EPDM aseptic housing gasket	82
<i>silicone seals for steam filter housings</i>			
SP-SGR-FWP20-90/SI	FWP20 .. FWP90	silicone housing gasket	82
SP-SGR-FWP110-120/SI	FWP110 .. FWP120	silicone housing gasket	82
SP-SGR-FWP130-170/SI	FWP130 .. FWP170	silicone housing gasket	82
SP-SGR-FWP180-190/SI	FWP180 .. FWP190	silicone housing gasket	82
<i>seals kit package</i>			
SP-SOS-FCA/PB	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>
SP-SOS-EFST25/PB	EFST25	NBR O-ring filter element	82
SP-SOS-EFST30-70/PB	EFST30 .. EFST70	NBR O-ring filter element	82
SP-SOS-EFST90-130/PB	EFST90 .. EFST130	NBR O-ring filter element	82
SP-SOS-EFST140-170/PB	EFST140 .. EFST170	NBR O-ring filter element	82
SP-SOS-EFST180-190/PB	EFST180 .. EFST190	NBR O-ring filter element	82
<i>Viton seals for FST filter elements</i>			
SP-SOS-EFST25/FK	EFST25	VITON O-ring filter element	82
SP-SOS-EFST30-70/FK	EFST30 .. EFST70	VITON O-ring filter element	82
SP-SOS-EFST90-130/FK	EFST90 .. EFST130	VITON O-ring filter element	82
SP-SOS-EFST140-170/FK	EFST140 .. EFST170	VITON O-ring filter element	82
SP-SOS-EFST180-190/FK	EFST180 .. EFST190	VITON O-ring filter element	82
<i>Viton seals for FST process filter elements</i>			
SP-SOS-EFSTP90-120/FK	EFSTP90 .. EFSTP120	VITON O-ring filter element	82
SP-SOS-EFSTP140-190/FK	EFSTP140 .. EFSTP190	VITON O-ring filter element	82
<i>EPDM seals for FST process filter elements</i>			
SP-SOS-EFSTP90-120/EP	EFSTP90 .. EFSTP120	EPDM O-ring filter element	82
SP-SOS-EFSTP140-190/EP	EFSTP140 .. EFSTP190	EPDM O-ring filter element	82
<i>silicone seals for FST process filter elements</i>			
SP-SOS-EFSTP90-120/SI	EFSTP90 .. EFSTP120	silicone O-ring filter element	82
SP-SOS-EFSTP140-190/SI	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>
SP-PWG-FCA20-25	FCA20 .. FCA25 16 bar	2x flat gasket	82
SP-PWG-FCA30-70	FCA30 .. FCA70 16 bar	2x flat gasket	82
SP-PWG-FCA90-130	FCA90 .. FCA130 16 bar	2x 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>
CDF130NO-M14	FST FCA20 .. FCA130; ZANDER G2 .. G13	Ø 14,5 mm (M14)	PN16	51
SP-CDF0009G-0145G-DH	domnick hunter Oil-X series 0009G .. 0145G (60864)	Ø 16 mm	PN16	86
SP-CDF-EF1-DH	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>
SK-CDF140NC	FST CDF140NC	valve seal, housing gasket	82
SK-CDE4-500L	FST CDE4 .. CDE500	valve diaphragm, piston, sieve, housing gasket	82
<i>Spare parts for ZANDER condensate drains</i>			
SK-CDE-ED3000	ZANDER ED3000 series	valve diaphragm, plunger, sieve, housing gasket	82
<i>Accessories for condensate drains</i>			
SP-ECA2-ECN49440	FST CDE4 .. CDE500	2m power cable 3-wire with Schuko angle plug	82
SP-ECA3-ECN15	FST CDE8 .. CDE500	3m signal-cable with M12 plug for alarm output	82
SP-ECA5-ECN15	FST CDE8 .. CDE500	5m signal-cable with M12 plug for alarm output	82
SP-ECA9-ECN15	FST CDE8 .. CDE500	9m signal-cable with M12 plug for alarm output	82
SR-CDE-ED3000	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>
SEWAPAC-CSW1-DSEP	drukosep 1	2,0 kg	1 x combi filter, 1 x exhaust filter	83
SEWAPAC-CSW2-DSEP	drukosep 2	2,5 kg	1 x combi filter, 1 x exhaust filter	83
SEWAPAC-CSW3-DSEP	drukosep 3	3,0 kg	1 x combi filter, 1 x exhaust filter	83
SEWAPAC-CSW6-DSEP	drukosep 6	4,0 kg	1 x combi filter, 1 x exhaust filter	83
SEWAPAC-CSW8-DSEP	drukosep 8	8,0 kg	1 x combi filter, 1 x exhaust filter	83
SEWAPAC-CSW10-DSEP	drukosep 10	7,0 kg	1 x combi filter, 1 x exhaust filter	83

SEWAPAC-CSW1-DMAT	drukomat mini/1, ecosep S mini/S1	4,0 kg	1x activated carbon, 1x exhaust filter	83
SEWAPAC-CSW8-DMAT	drukomat 2/4/8, ecosep S2/S4/S8	6,0 kg	1x activated carbon, 1x exhaust filter	83
SEWAPAC-CSW15-DMAT	drukomat 15, ecosep S15	7,0 kg	1x activated carbon, 1xexhaust filter, 1x pre filter	83
SEWAPAC-CSW30-DMAT	drukomat 30, ecosep S30	10 kg	2x activated carbon, 1x exhaust filter, 1xpre filter	83
SEWAPAC-CSW61-DMAT	drukomat 61, ecosep S61	20 kg	4x activated carbon, 1x exhaust filter, 1x pre filter	83

SEWAPAC-CSW15-PLUS	drukomat 15 plus	6,5 kg	1x activated carbon, 1x exhaust filter, 1x pre filter	83
SEWAPAC-CSW30-PLUS	drukomat 30 plus	9,5 kg	1x activated carbon, 1x exhaust filter, 2x pre filter	83
SEWAPAC-CSW31-PLUS	drukomat 31 plus	12 kg	2x activated carbon, 1x exhaust filter, 2x pre filter	83
SEWAPAC-CSW61-PLUS	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>
SEWAPAC-CSD3	CSD3	2,0 kg	1x activated carbon	83
SEWAPAC-CSD5	CSD5	4,0 kg	1x activated carbon, 1x pre filter	83
SEWAPAC-CSD10	CSD10	5,0 kg	1x activated carbon with pre filter	83
SEWAPAC-CSD20	CSD20	8,0 kg	2x activated carbon, 2x pre filter	83
SEWAPAC-CSD40	CSD40	10 kg	2x activated carbon, 1x pre filter	83
SEWAPAC-CSD80	CSD80	20 kg	4x activated carbon, 2x pre filter	83
SEWAPAC-CSD160	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>
SEWAPAC-OWM2-BE	Öwamat 1-2	2,0 kg	1x activated carbon	83
SEWAPAC-OWM3-BE	Öwamat 3	3,0 kg	1x activated carbon	83
SEWAPAC-OWM4-BE	Öwamat 4	4,0 kg	1x activated carbon	83
SEWAPAC-OWM5R-BE	Öwamat 5R	5,0 kg	1x activated carbon, 1x pre filter	83
SEWAPAC-OWM5-BE	Öwamat 5	9,0 kg	2x activated carbon	83
SEWAPAC-OWM6-BE	Öwamat 6	12 kg	2x activated carbon, 1x pre filter	83
SEWAPAC-OWM8-BE	Öwamat 8	32 kg	2x activated carbon, 1x pre filter	83
SEWAPAC-OWM20-BE	Öwamat 20	24 kg	1x activated carbon	83

SEWAPAC-OWM10-BE	Öwamat 10	0,5 kg	1x activated carbon, 1x pre filter	83
SEWAPAC-OWM11-BE	Öwamat 11	2,0 kg	1x activated carbon, 1x pre filter	83
SEWAPAC-OWM12-BE	Öwamat 12	2,0 kg	1x activated carbon, 1x pre filter	83
SEWAPAC-OWM14-BE	Öwamat 14	3,4 kg	1x activated carbon, 1x pre filter	83
SEWAPAC-OWM15-BE	Öwamat 15	6,0 kg	1x activated carbon, 1x pre filter	83
SEWAPAC-OWM16-BE	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>
SEWAPAC-SP10N-UF	Ultrasep SuperPlus SP10-N	4,0 kg	1x activated carbon, 1x pre filter	83
SEWAPAC-SP15N-UF	Ultrasep SuperPlus SP15-N	5,0 kg	1x activated carbon with pre filter	83
SEWAPAC-SP30N-UF	Ultrasep SuperPlus SP30-N	8,0 kg	2x activated carbon, 2x pre filter	83
SEWAPAC-SP60N-UF	Ultrasep SuperPlus SP60-N	10 kg	2x activated carbon, 1x pre filter	83
SEWAPAC-SP120N-UF	Ultrasep SuperPlus SP120-N	20 kg	4x activated carbon, 2x pre filter	83
SEWAPAC-SP240N-UF	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>
SEWAPAC-SP5-UF	Ultrasep SuperPlus SP5	2,0 kg	1x activated carbon	83
SEWAPAC-SP10-UF	Ultrasep SuperPlus SP10	4,0 kg	1x activated carbon, 1x pre filter	83
SEWAPAC-SP15-UF	Ultrasep SuperPlus SP15	5,0 kg	1x activated carbon with pre filter	83
SEWAPAC-SP30-UF	Ultrasep SuperPlus SP30	8,0 kg	2x activated carbon, 2x pre filter	83
SEWAPAC-SP60-UF	Ultrasep SuperPlus SP60	10 kg	2x activated carbon, 1x pre filter	83
SEWAPAC-SP120-UF	Ultrasep SuperPlus SP120	20 kg	4x activated carbon, 2x pre filter	83
SEWAPAC-SP240-UF	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>
SEWAPAC-OSC35-AC	OSC 35	2,5 kg	1 x activated carbon, 1 x pre filter	83
SEWAPAC-OSC95-AC	OSC 95	4,5 kg	1 x activated carbon, 1 x pre filter	83
SEWAPAC-OSC145-AC	OSC 145	7,0 kg	1 x activated carbon, 1 x pre filter	83
SEWAPAC-OSC355-AC	OSC 355	9,0 kg	2 x activated carbon, 1 x pre filter	83
SEWAPAC-OSC600-AC	OSC 600	12 kg	2 x activated carbon, 1 x pre filter	83
SEWAPAC-OSC825-AC	OSC 825	14 kg	2 x activated carbon, 1 x pre filter	83
SEWAPAC-OSC1200-AC	OSC 1200	20 kg	2 x activated carbon, 1 x pre filter	83
SEWAPAC-OSC2400-AC	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>
SEWAPAC-OSW11-AC	OSW 5 , OSW 11	2,0 kg	1x activated carbon	83
SEWAPAC-OSW30-AC	OSW 30	4,0 kg	1x activated carbon	83
SEWAPAC-OSW55-AC	OSW 55	5,0 kg	1x activated carbon, 1x pre filter	83
SEWAPAC-OSW110-AC	OSW 110	12 kg	2x activated carbon, 1x pre filter	83
SEWAPAC-OSW315-AC	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>
SEWAPAC-ENV-JC	Enviro	1,0 kg	1x activated carbon	83
SEWAPAC-PMN-JC	Puro Mini	5,0 kg	1x activated carbon, 1x pre filter	83
SEWAPAC-PUR-JC	Puro	6,0 kg	1x activated carbon, 1x pre filter	83
SEWAPAC-PMD-JC	Puro Midi	13 kg	1x activated carbon, 1x pre filter	83
SEWAPAC-PGR-JC	Puro Grand	19 kg	1x activated carbon, 1x pre filter	83
SEWAPAC-PEX-JC	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>
SEWAPAC-SE2010-DH	SE2010	3,0 kg	1x activated carbon, 1x exhaust filter	83
SEWAPAC-SE2015-DH	SE2015	5,0 kg	1x activated carbon, 1x exhaust filter	83
SEWAPAC-SE2030-DH	SE2030	7,0 kg	1x activated carbon, 1x exhaust filter	83
SEWAPAC-ES2200-DH	ES2100–ES2200, ecosep SL1-SL5	3,0 kg	1x activated carbon, 1x exhaust filter	83
SEWAPAC-ES2300-DH	ES2300, ecosep SL8	4,0 kg	1x activated carbon, 1x exhaust filter	83
SEWAPAC-ES2400-DH	ES2400, ecosep SL15	6,0 kg	2x activated carbon, 1x exhaust filter, 2x pre filter	83
SEWAPAC-ES2500-DH	ES2500, ecosep SL30	7,0 kg	1x activated carbon, 1x exhaust filter, 1x pre filter	83
SEWAPAC-ES2600-DH	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>
SEWAPAC-WT02-WO	WO1 ,WO2 , WT1 , WT2	6,0 kg	1x activated carbon, 1x exhaust filter	83
SEWAPAC-WT03-WO	WO3 , WT3	11 kg	2x activated carbon, 1x exhaust filter	83
SEWAPAC-WT04-WO	WO4 , WT4	20 kg	4x activated carbon, 1x exhaust filter	83
SEWAPAC-WT05-WO	WT5	2,5 kg	1x activated carbon	83
SEWAPAC-WT10-WO	WT10	3,5 kg	1x activated carbon	83
SEWAPAC-WT20-WO	WT20	8,0 kg	2x activated carbon	83
SEWAPAC-WT30-WO	WT30	14 kg	4x activated carbon	83

SEWAPAC accessories

	<i>description</i>	<i>content</i>	<i>prod. grp.</i>
SP-IOI-CSW	oil test paper	box with 100 strips of indicator paper	83
SP-IDI-CSW	cloud reference glass	1x glass with threaded cover	83
SP-IDT-CSW	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-2MS	plastic container	1,7 kg	85
SEDAPAC-4MS	plastic container	4,0 kg	85
SEDAPAC-15MS	plastic container	15 kg	85
SEDAPAC-140MS	barrel	140 kg	85
SEDAPAC-800MS	big-bag	800 kg	85

molecular sieve 10 Å

molecular sieve 10Å for CO₂ 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:

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.*

SEDAPAC-2WS	plastic container	2 kg	85
SEDAPAC-4WS	plastic container	4 kg	85
SEDAPAC-18WS	plastic container	18 kg	85
SEDAPAC-130WS	barrel	130 kg	85
SEDAPAC-750WS	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.

SEDAPAC-20N	plastic container	20 kg	85
SEDAPAC-150N	barrel	150 kg	85
SEDAPAC-850N	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 m²/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-20A	plastic sack	20 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 m²/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 CO₂ for breathing air treatment
specific surface 200 m²/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 N₂ generators

carbon-molecular sieve for N₂ 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>
SK-DPM2/1201	DPM02	12 months	81
SK-DPM4/1201	DPM04	12 months	81
SK-DPM2+/1201	DPM02plus	12 months	81
SK-DPM4+/1201	DPM04plus	12 months	81
SK-DPM2/2401	DPM02	24 months	81
SK-DPM4/2401	DPM04	24 months	81
SK-DPM2+/2401	DPM02plus	24 months	81
SK-DPM4+/2401	DPM04plus	24 months	81

Activated carbon cartridge (for DPM...A)

DSM02A-000-01	DPM02A, DPM02Aplus	12 months	81
DSM04A-000-01	DPM04A, DPM04Aplus	12 months	81

Single Parts

SP-ECH-C0-024	DPM02, DPM04	if required	82
SP-ECH-C0Plus-024	DPM02plus, DPM04plus	if required	82
SR-VPF-DPM02	DPM02, DPM02plus	if required	82
SR-VPF-DPM04	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
SK-DPM2/1201	2	2											
SK-DPM4/1201	2		2										
SK-DPM2+/1201	1	2											
SK-DPM4+/1201	1		2										
SK-DPM2/2401	2	2		1	1	1							
SK-DPM4/2401	2		2	1	1	1							
SK-DPM2+/2401	1	2		1	1	1	1						
SK-DPM4+/2401	1		2	1	1	1	1						
DSM02A-000-01								1					
DSM04A-000-01									1				
SP-ECH-C0-024										1			
SP-ECH-COPlus-024											1		
SR-VPF-DPM02												1	
SR-VPF-DPM04													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>
SK-DPS1-4/1201	DPS1 .. DPS4	12 months	81
SK-DPS6-8/1201	DPS6 .. DPS8	12 months	81
SK-DPS1-4/2401	DPS1 .. DPS4	24 months	81
SK-DPS6-8/2401	DPS6 .. DPS8	24 months	81
SK-DPS1-4/4801	DPS1 .. DPS4	48 months	81
SK-DPS6-8/4801	DPS6 .. DPS8	48 months	81
<i>filter silencer element (optional)</i>			
SR-FSC15-20-KNX	DPS6 .. DPS8 (FST DPS1 ..4 adapter required)	*optional	82
<i>sealing kit for dryer part (twin-profile)</i>			
SR-SGP-DPS1-4	DPS1 .. DPS4	if required	82
SR-SGP-DPS6-8	DPS6 .. DPS8	if required	82
<i>desiccant bundle</i>			
SEDAPAC-2MS	DPS1	2 kg 48 months	85
SEDAPAC-4MS	DPS2	4 kg 48 months	85
SEDAFILL-2WS-4MS	DPS3	6 kg 48 months	85
SEDAFILL-2WS-6MS	DPS4	8 kg 48 months	85
SEDAFILL-2WS-12MS	DPS6	14 kg 48 months	85
SEDAFILL-4WS-12MS	DPS7	16 kg 48 months	85
SEDAFILL-4WS-15MS	DPS8	19 kg 48 months	85
<i>indicator tube for oil vapour (only for DPS..A)</i>			
SP-FAI-IOP02	DPS1A .. DPS8A	if required	82
<i>sealing kit for cleaning stage (single profile, only at DPS...A)</i>			
SR-SGP-DSS1-4	DPS1A .. DPS4A	if required	82
SR-SGP-DSS6-8	DPS6A .. DPS8A	if required	82
<i>activated carbon bundle (for DPS..A)</i>			
SEDAPAC-3A	DPS3A .. DPS4A	3 kg 12 months	85
SEDAFILL-6A	DPS7A .. DPS8A	6 kg 12 months	85
<i>dew-point transmitter</i>			
SP-ESH420	dew-point -100 .. +20°C td, 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	
SK-DPS1-4/1201	1					1																	
SK-DPS6-8/1201	1						1																
SK-DPS1-4/2401	1	2	2			1																	
SK-DPS6-8/2401	1	2	2				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-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	
SR-SGP-DSS1-4													2		2								
SR-SGP-DSS6-8														2		2							
SEDAPAC-3A																							1
SEDAFILL-6A																							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>
SK-DPS1-4/1201	DPS1BI .. DPS4BI ; DPS1BM .. DPS4BM	12 months	81
SK-DPS6-8/1201	DPS6BI .. DPS8BI ; DPS6BM .. DPS8BM	12 months	81
SK-DPS1-4/4801	DPS1BI .. DPS4BI ; DPS1BM .. DPS4BM	24 months	81
SK-DPS6-8/4801	DPS6BI .. DPS8BI ; DPS6BM .. DPS8BM	24 months	81

filter silencer element (optional)

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

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

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

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

sealing kit for cleaning stage (single profile)

SR-SGP-DSS1-4	DPS1A .. DPS4A	12 months	82
SR-SGP-DSS6-8	DPS6A .. DPS8A	12 months	82

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

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

dew-point transmitter

SP-ESH420	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			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>
SK-DPS010-100/1201	DPS10 .. DPS100 ; DPS10A .. DPS100A	12 months	81
SK-DPS010-025/2401	DPS10 .. DPS25 ; DPS10A .. DPS25A	24 months	81
SK-DPS030-100/2401	DPS30 .. DPS100; DPS30A .. DPS100A	24 months	81
SK-DPS010-025/4801	DPS10 .. DPS25 ; DPS10A .. DPS25A	48 months	81
SK-DPS030-100/4801	DPS30 .. DPS100; DPS30A .. DPS100A	48 months	81

silencer

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

desiccant bundle

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

flow distributor

SP-PWS25DPS-OMG	DPS10 .. DPS25 ; DPS10A.. DPS25A	if required	82
SP-PWS40DPS-OMG	DPS30 .. DPS60 ; DPS30A .. DPS60A	if required	82
SP-PWS50DPS-OMG	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

SP-FAI-IOP02	DPS10A .. DPS100A	if required	82
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activated carbon bundle (for DPS..A)

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

dew-point transmitter

SP-ESH420	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									
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>
SK-DPS010-100/1201	DPS10BI .. DPS100BI ; DPS10BM .. DPS100BM	12 months	81
SK-DPS010-025/4801	DPS10BI .. DPS25BI ; DPS10BM .. DPS25BM	24 months	81
SK-DPS030-100/4801	DPS10BI .. DPS25BI ; DPS10BM .. DPS25BM	24 months	81

silencer

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

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

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

flow distributor

SP-PWS25DPS-OMG	DPS10-25BI/BM	48 months	82
SP-PWS40DPS-OMG	DPS30-60BI/BM	48 months	82
SP-PWS50DPS-OMG	DPS80-100BI/BM	48 months	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

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

dew-point transmitter

SP-ESH420	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																					2			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>
SK-DPS120-630/1201	DPS120 .. DPS630	12 months	81
SK-DPS120/2401	DPS120	24 months	81
SK-DPS150-290/2401	DPS150 .. DPS290	24 months	81
SK-DPS370-510/2401	DPS370 .. DPS510	24 months	81
SK-DPS630/2401	DPS630	24 months	81
SK-DPS120/4801	DPS120	48 months	81
SK-DPS150-210/4801	DPS150 .. DPS210	48 months	81
SK-DPS240-290/4801	DPS240 .. 290	48 months	81
SK-DPS370-510/4801	DPS370 .. DPS510	48 months	81
SK-DPS630/4801	DPS630	48 months	81

silencer bundles

SK-FSC40-2	DPS120	12 months	81
SK-FSC50-2	DPS150 .. DPS210	12 months	81
SK-FSC50-3	DPS240	12 months	81
SK-FSC50-4	DPS290 .. DPS510	12 months	81
SK-FSC50-6	DPS630	12 months	81

desiccant bundles

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

flow distributor incl. 2 flange gaskets

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

SK-PWG050-08	DPS120	48 months	81
SK-PWG065-08	DPS150-DPS210	48 months	81
SK-PWG080-08	DPS240-DPS290	48 months	81
SK-PWG100-08	DPS370-DPS510	48 months	81
SK-PWG125-08	DPS630	48 months	81

dew-point transmitter

SP-ESH420	dew-point -100..+20°C dp, 4..20mA	12 months	82
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Other spare parts if required

SP-VVB230/3-WVM07-REX	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	
SK-DPS120-630/1201	1		4		1																								
SK-DPS120/2401	1		4		1	2																							
SK-DPS150-290/2401	1		4		1		2																						
SK-DPS370-510/2401	1		4		1			2																					
SK-DPS630/2401	1		4		1				2																				
SK-DPS120/4801	1			1	1	2				2																			
SK-DPS150-210/4801	1			1	1		2				2																		
SK-DPS240-290/4801	1			1	1		2					2																	
SK-DPS370-510/4801	1			1	1			2						2															
SK-DPS630/4801	1			1	1				2						2														
SK-FSC40-2															2														
SK-FSC50-2																2													
SK-FSC50-3																	3												
SK-FSC50-4																		4											
SK-FSC50-6																			6										
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-PWG050-08																													8
SK-PWG065-08																													8
SK-PWG080-08																													8
SK-PWG100-08																													8
SK-PWG125-08																													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>
SK-DSS1-4/1201	DSS1A .. DSS4A	12 months	81
SK-DSS6-8/1201	DSS6A .. DSS8A	12 months	81

activated carbon bundle (for model DSS..A)

SEDAPAC-3A	DSS1A .. DSS4A	3 kg	12 months	85
SEDAFILL-6A	DSS6A .. DSS8A	6 kg	12 months	85
SEDAPAC-10A	DSS10A	10 kg	12 months	85
SEDAFILL-13A	DSS15A	13 kg	12 months	85
SEDAFILL-16A	DSS20A	16 kg	12 months	85
SEDAFILL-20A	DSS25A	20 kg	12 months	85
SEDAFILL-24A	DSS30A	24 kg	12 months	85
SEDAFILL-30A	DSS40A	30 kg	12 months	85
SEDAFILL-43A	DSS60A	43 kg	12 months	85
SEDAFILL-56A	DSS80A	56 kg	12 months	85
SEDAFILL-76A	DSS100A	74 kg	12 months	85
SEDAPAC-100A	DSS120A	100 kg	12 months	85
SEDAFILL-120A	DSS150A	120 kg	12 months	85
SEDAFILL-170A	DSS210A	170 kg	12 months	85
SEDAFILL-200A	DSS240A	200 kg	12 months	85
SEDAFILL-240A	DSS290A	240 kg	12 months	85
SEDAFILL-300A	DSS370A	300 kg	12 months	85
SEDAFILL-410A	DSS510A	410 kg	12 months	85
SEDAFILL-500A	DSS630A	500 kg	12 months	85

flow distributor

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

indicator tube for oil vapour

SP-FAI-IOP02	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 1½	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>
SEDAPAC-100A	DSS85A	100 kg	12 months	85
SEDAFILL-130A	DSS125A	130 kg	12 months	85
SEDAFILL-160A	DSS155A	160 kg	12 months	85
SEDAFILL-230A	DSS215A	230 kg	12 months	85
SEDAFILL-260A	DSS250A	260 kg	12 months	85
SEDAFILL-313A	DSS300A	313 kg	12 months	85
SEDAFILL-403A	DSS380A	403 kg	12 months	85
SEDAFILL-460A	DSS430A	460 kg	12 months	85
SEDAFILL-510A	DSS500A	510 kg	12 months	85
SEDAFILL-553A	DSS540A	553 kg	12 months	85
SEDAFILL-710A	DSS650A	710 kg	12 months	85
SEDAFILL-800A	DSS720A	800 kg	12 months	85
SEDAFILL-940A	DSS860A	940 kg	12 months	85
SEDAFILL-1030A	DSS940A	1030 kg	12 months	85
SEDAFILL-1230A	DSS1100A	1230 kg	12 months	85
SEDAFILL-1440A	DSS1280A	1440 kg	12 months	85
SEDAFILL-1660A	DSS1470A	1660 kg	12 months	85
<i>flow distributor incl. 2 flange gaskets</i>				
SK-PWS/PWG050	DSS85		if required	81
SK-PWS/PWG080	DSS125A .. DSS215A		if required	81
SK-PWS/PWG100	DSS250A .. DSS380A		if required	81
SK-PWS/PWG150	DSS430A .. DSS720A		if required	81
SK-PWS/PWG200	DSS860A .. DSS1470A		if required	81
<i>indicator tube for oil vapour</i>				
SP-FAI-IOP02	DSS85A .. DSS1470A		if required	82

Adsorption

Maintenance kits for FST oil vapour-adsorber DSS85-1470

	SEDAPAC 1A (0,5 kg)	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
SEDAPAC-100A			1										
SEDAFILL-130A		3	1										
SEDAFILL-160A		6	1										
SEDAFILL-230A		3	2										
SEDAFILL-260A		6	2										
SEDAFILL-313A	1	1	3										
SEDAFILL-403A	1		4										
SEDAFILL-460A		6	4										
SEDAFILL-510A		1	5										
SEDAFILL-553A	1	5	5										
SEDAFILL-710A		1	7										
SEDAFILL-800A			8										
SEDAFILL-940A		4	9										
SEDAFILL-1030A		3	10										
SEDAFILL-1230A		3	12										
SEDAFILL-1440A		4	14										
SEDAFILL-1660A		6	16										
SK-PWS/PWG050				1					2				
SK-PWS/PWG080					1					2			
SK-PWS/PWG100						1					2		
SK-PWS/PWG150							1					2	
SK-PWS/PWG200								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 silencer and 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>
SK-DTS0045-0380V/1201	DTS45V .. DTS0380V	12 months	81
SK-DTS0430-1100V/1201	DTS0430V .. DTS1100V	12 months	81
SK-DTS1280-1470V/1201	DTS1280V .. DTS1470V	12 months	81
SK-DTS0045-0380V/2401	DTS45V .. DTS380V	24 months	81
SK-DTS0430-0720V/2401	DTS430V .. DTS720V	24 months	81
SK-DTS0860-1100V/2401	DTS860V .. 1100V	24 months	81
SK-DTS1280-1470V/2401	DTS1280V .. 1470V	24 months	81
SK-DTS0045-0055V/4801	DTS45V .. DTS55V	48 months	81
SK-DTS0065-0085V/4801	DTS65V .. DTS85V	48 months	81
SK-DTS0125-0215V/4801	DTS125V .. DTS215V	48 months	81
SK-DTS0250-0380V/4801	DTS250V .. DTS380V	48 months	81
SK-DTS0430-0720V/4801	DTS430V .. DTS720V	48 months	81
SK-DTS0860-1100V/4801	DTS860V .. DTS1100V	48 months	81
SK-DTS1280-1470V/4801	DTS1280V .. DTS1470V	48 months	81
SK-DTS0045-0380BVL/1201	DTS45BLV .. DTS380BVL	12 months	81
SK-DTS0430-1100BVL/1201	DTS430BVL .. DTS1100BVL	12 months	81
SK-DTS1280-1470BVL/1201	DTS1280BVL .. DTS1470BVL	12 months	81
SK-DTS0045-0380BVL/2401	DTS45BVL .. DTS380BVL	24 months	81
SK-DTS0430-0720BVL/2401	DTS430BVL .. DTS720BVL	24 months	81
SK-DTS0860-1100BVL/2401	DTS860BVL .. 1100BVL	24 months	81
SK-DTS1280-1470BVL/2401	DTS1280BVL .. 1470BVL	24 months	81
SK-DTS0045-0055BVL/4801	DTS45BVL .. DTS55BVL	48 months	81
SK-DTS0065-0085BVL/4801	DTS65BVL .. DTS85BVL	48 months	81
SK-DTS0125-0215BVL/4801	DTS125BVL .. DTS215BVL	48 months	81
SK-DTS0250-0380BVL/4801	DTS250BVL .. DTS380BVL	48 months	81
SK-DTS0430-0720BVL/4801	DTS430BVL .. DTS720BVL	48 months	81
SK-DTS0860-1100BVL/4801	DTS860BVL .. DTS1100BVL	48 months	81
SK-DTS1280-1470BVL/4801	DTS1280BVL .. DTS1470BVL	48 months	81
<i>dew-point transmitter</i>			
SP-ESH420	dew-point -100..+20°C dp, 4..20mA	12 months	82

Adsorption

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

	control air filter EFST25 XN	pilot valve (2x 3/2-way)	silencer element SP-FSC25 1"	silencer element SP-FSC50 2"	rep. kit expansion valve 1/2"	rep. kit expansion valve 3/4"	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							1							
SK-DTS0065-0085BVL/4801	1	4*	1		1				1							1							1						
SK-DTS0125-0215BVL/4801	1	4*	1		1				1									1						1					
SK-DTS0250-0380BVL/4801	1	4*	1		1				1										1							1			
SK-DTS0430-0720BVL/4801	1	4*		1		1		1												1							1		
SK-DTS0860-1100BVL/4801	1	4*		1			1		1												1								1
SK-DTS1280-1470BVL/4801	1	7*	4					2		1					4							2							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

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



SEDAFILL desiccants offer the exact quantity of desiccant for the respective type of dryer. The maintenance interval usually comprises 48 months.

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

<i>desiccant bundle</i>	<i>suitable for</i>	<i>weight</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
SEDAFILL-44WS-100N	DTS45V ; DTS45BVL	144 kg	48 months	85
SEDAFILL-58WS-120N	DTS55V ; DTS55BVL	178 kg	48 months	85
SEDAFILL-58WS-170N	DTS65V ; DTS65BVL	228 kg	48 months	85
SEDAFILL-90WS-190N	DTS85V ; DTS85BVL	280 kg	48 months	85
SEDAFILL-138WS-290N	DTS125V ; DTS125BVL	428 kg	48 months	85
SEDAFILL-148WS-380N	DTS155V ; DTS155BVL	528 kg	48 months	85
SEDAFILL-220WS-530N	DTS215V ; DTS215BVL	750 kg	48 months	85
SEDAFILL-260WS-620N	DTS250V ; DTS250BVL	880 kg	48 months	85
SEDAFILL-314WS-740N	DTS300V ; DTS300BVL	1054 kg	48 months	85
SEDAFILL-390WS-960N	DTS380V ; DTS380BVL	1350 kg	48 months	85
SEDAFILL-426WS-1090N	DTS430V ; DTS430BVL	1516 kg	48 months	85
SEDAFILL-520WS-1240N	DTS500V ; DTS500BVL	1760 kg	48 months	85
SEDAFILL-556WS-1350N	DTS540V ; DTS540BVL	1906 kg	48 months	85
SEDAFILL-650WS-1730N	DTS650V ; DTS650BVL	2376 kg	48 months	85
SEDAFILL-780WS-1840N	DTS720V ; DTS720BVL	2620 kg	48 months	85
SEDAFILL-910WS-2250N	DTS860V ; DTS860BVL	3160 kg	48 months	85
SEDAFILL-1040WS-2400N	DTS940V ; DTS940BVL	3460 kg	48 months	85
SEDAFILL-1170WS-2850N	DTS1100V ; DTS1100BVL	4020 kg	48 months	85
SEDAFILL-1358WS-3300N	DTS1280V ; DTS1280BVL	4658 kg	48 months	85
SEDAFILL-1484WS-3900N	DTS1470V ; DTS1470BVL	5384 kg	48 months	85

flow distributor incl. 2 flange gaskets

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

Set of flange gaskets graphite

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

Adsorption

Maintenance kits for ZANDER adsorption dryer K-MT1-8, KA-MT1-8



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 inter- val</i>	<i>prod. grp.</i>
SK-K-MT1-4/1203	K-MT1 .. K-MT4	12 months	81
SK-K-MT6-8/1203	K-MT6 .. K-MT8	12 months	81
SK-K-MT1-4/2403	K-MT1 .. K-MT4	24 months	81
SK-K-MT6-8/2403	K-MT6 .. K-MT8	24 months	81
SK-K-MT1-4/4803	K-MT1 .. K-MT4	48 months	81
SK-K-MT1-4/115-4803	K-MT1 .. K-MT4 für 115VAC	48 months	81
SK-K-MT1-4/024-4803	K-MT1 .. K-MT4 für 24VDC	48 months	81
SK-K-MT6-8/4803	K-MT6 .. K-MT8	48 months	81
SK-K-MT6-8/115-4803	K-MT6 .. K-MT8 für 115VAC	48 months	81
SK-K-MT6-8/024-4803	K-MT6 .. K-MT8 für 24VDC	48 months	81

gasket kits for dryer

SR-SGP-KMT1-4	K-MT1 .. K-MT4	if required	82
SR-SGP-KMT6-8	K-MT6 .. K-MT8	if required	82

silencer (Standard)

SP-FSC08-PX	K-MT1 .. K-MT4	12 months	82
SP-FSC15	K-MT6 .. K-MT8	12 months	82

*filter silencer (*optional)*

SP-FSC15-KNX	K-MT6 .. K-MT8	12 months	82
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desiccant bundle

SEDAPAC-2MS	K-MT1	2 kg	48 months	84
SEDAPAC-4MS	K-MT2	4 kg	48 months	84
SEDAFILL-2WS-4MS	K-MT3	6 kg	48 months	84
SEDAFILL-2WS-6MS	K-MT4	7 kg	48 months	84
SEDAFILL-2WS-12MS	K-MT6	14 kg	48 months	84
SEDAFILL-4WS-12MS	K-MT7	16 kg	48 months	84
SEDAFILL-4WS-15MS	K-MT8	19 kg	48 months	84

indicator tube for oil vapour

SP-FAI-IOP02	KA-MT1 .. KA-MT4	if required	82
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gasket kits for cleaning stage

SK-AKM1-4/1203	KA-MT1 .. KA-MT4	12 months	81
SK-AKM6-8/1203	KA-MT6 .. KA-MT8	12 months	81

activated carbon bundle for cleaning stage

SEDAPAC-3A	KA-MT1 .. KA-MT4	3 kg	12 months	85
SEDAFILL-6A	KA-MT6 .. KA-MT8	6 kg	12 months	85

dew-point transmitter

SP-ESH420	dew-point -100..+20°C dp, 4..20mA	12 months	82
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Adsorption

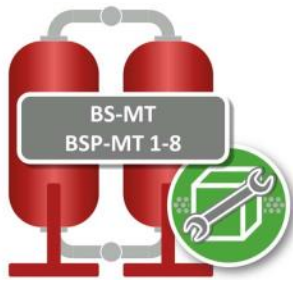
Maintenance kits for ZANDER adsorption dryer K-MT1-8, KA-MT1-8

	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																								
SK-K-MT1-4/2403	1	2	2										1												
SK-K-MT6-8/2403	1	2	2																						
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													1
SK-K-MT6-8/115-4803	1	2	2	2	4					4	2	4													1
SK-K-MT6-8/024-4803	1	2	2	2	4					4	2	4													1
SR-SGP-KMT1-4							4	2	2																
SR-SGP-KMT6-8										4	2	2													
SP-FSC08-PX													1												
SP-FSC15																									1
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																						4	2		
SK-AKM6-8/1203																							4	2	
SEDAPAC-3A																									1
SEDAFILL-6A																									2

* Optionally equipped with filter silencer

Adsorption

Maintenance kits for ZANDER breathing air systems BS-MT1-8 and BSP-MT1-8



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>
SK-BSP-MT1-4/1203	BS-MT 1-4 ; BSP-MT 1-4	12 months	81
SK-BSP-MT6-8/1203	BS-MT 6-8 ; BSP-MT 6-8	12 months	81
SK-BSP-MT1-4/2403	BS-MT 1-4 ; BSP-MT 1-4	24 months	81
SK-BSP-MT6-8/2403	BS-MT 6-8 ; BSP-MT 6-8	24 months	81
<i>gasket kits for dryer</i>			
SR-SGP-KMT1-4	BS-MT 1-4 ; BSP-MT 1-4	if required	82
SR-SGP-KMT6-8	BS-MT 6-8 ; BSP-MT 6-8	if required	82
SK-AKM1-4/1203	cleaning stage BS-MT 1-4 ; BSP-MT 1-4	12 months	81
SK-AKM6-8/1203	cleaning stage BS-MT 6-8 ; BSP-MT 6-8	12 months	81
<i>silencers</i>			
SP-FSC08-PX	BS-MT 1-4 ; BSP-MT 1-4	12 months	82
SP-FSC15	BS-MT 6-8 ; BSP-MT 6-8	12 months	82
<i>filter silencer (*optionally)</i>			
SP-FSC15-KNX	BS-MT 6-8 ; BSP-MT 6-8	12 months	82
<i>desiccant bundles</i>			
SEDAFAC-2AB	BS-MT1 ; BSP-MT1	2 kg	24 months 85
SEDAFILL-4AB	BS-MT2 ; BSP-MT2	4 kg	24 months 85
SEDAFAC-6AB	BS-MT3 ; BSP-MT3	6 kg	24 months 85
SEDAFILL-8AB	BS-MT4 ; BSP-MT4	8 kg	24 months 85
SEDAFILL-14AB	BS-MT6 ; BSP-MT6	14 kg	24 months 85
SEDAFILL-18AB	BS-MT7 ; BSP-MT7	18 kg	24 months 85
SEDAFAC-20AB	BS-MT8 ; BSP-MT8	20 kg	24 months 85
<i>activated carbon-/ CO-catalyst bundle</i>			
SEDAFILL-0.5A-0.4CL	cleaning stage BS-MT1 ; BSP-MT1	0,9 kg	12 months 85
SEDAFILL-1A-0.8CL	cleaning stage BS-MT2 ; BSP-MT2	1,8 kg	12 months 85
SEDAFILL-3A-1.2CL	cleaning stage BS-MT3 ; BSP-MT3	4,2 kg	12 months 85
SEDAFILL-3A-1.6CL	cleaning stage BS-MT4 ; BSP-MT4	4,6 kg	12 months 85
SEDAFILL-3A-2.4CL	cleaning stage BS-MT6 ; BSP-MT6	5,4 kg	12 months 85
SEDAFILL-3.5A-4CL	cleaning stage BS-MT7 ; BSP-MT7	7,5 kg	12 months 85
SEDAFILL-4A-4CL	cleaning stage BS-MT8 ; BSP-MT8	8,0 kg	12 months 85
<i>dew-point transmitter</i>			
SP-ESH420	dew-point -100..+20°C, 4..20mA	12 months	82

Adsorption

Maintenance kits for ZANDER breathing air systems BS-MT and BSP-MT 1-8

	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	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-MT1-4/1203	1											4	2											
SK-BSP-MT6-8/1203	1													4	2									
SK-BSP-MT1-4/2403	1	2	2	2	4	4	2	4				4	2											
SK-BSP-MT6-8/2403	1	2	2	2	4				4	2	4			4	2									
SR-SGP-KMT1-4						4	2	2																
SR-SGP-KMT6-8									4	2	2													
SK-AKM1-4/1203												4	2											
SK-AKM6-8/1203														4	2									
SP-FSC08-PX																1								
SP-FSC15																	1							
SP-FSC15-KNX																								*
SEDAPAC-2AB																		1						
SEDAFILL-4AB																		2						
SEDAPAC-6AB																			1					
SEDAFILL-8AB																		1	1					
SEDAFILL-14AB																		1	2					
SEDAFILL-18AB																			3					
SEDAPAC-20AB																				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

* optionally equipped with filter silencer

Adsorption

Maintenance kits for ZANDER adsorption dryer KE-MT10-95, KEA-MT10-95



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>
SK-KE-MT010-095/1207	KE-MT10 ; KE-MT95	12 months	81
SK-KE-MT010-025/2407	KE-MT10 ; KE-MT25	24 months	81
SK-KE-MT035-095/2407	KE-MT35 ; KE-MT95	24 months	81
SK-KE-MT010-025/4807	KE-MT10 ; KE-MT25	48 months	81
SK-KE-MT035-095/4807	KE-MT35 ; KE-MT95	48 months	81

silencer

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

desiccant bundles

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

flow distributors

SP-PWS25KE10-25-OMG	KE-MT10-25 ; KEA-MT10-25	if required	82
SP-PWS40KE35-60-OMG	KE-MT35-60 ; KEA-MT35-60	if required	82
SP-PWS50KE75-95-OMG	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

SP-FAI-IOP02	cleaning stage for KEA-MT10-95	if required	82
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activated carbon bundles for cleaning stage

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

dew-point transmitter

SP-ESH420	Dew-point -100..+20°C, 4..20mA	12 months	82
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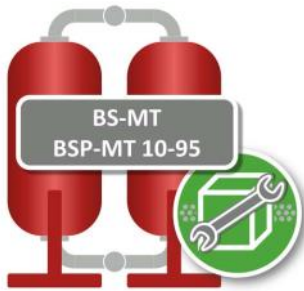
Adsorption

Maintenance kits for ZANDER adsorption dryer KE-MT10-95, KEA-MT10-95

	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 1	flow distributor G 1½	flow distributor G 2	indicator tube for oil vapour	SEDAPAC 3A	SEDAPAC 10A
SK-KE-MT010-095/1207	1	2	2																							
SK-KE-MT010-025/2407	1	2	2		2		2																			
SK-KE-MT035-095/2407	1	2	2			2		2																		
SK-KE-MT010-025/4807	1	2	2	4	2		2		2																	
SK-KE-MT035-095/4807	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-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	4
SEDAFILL-56A																									2	5
SEDAFILL-76A																									2	7

Adsorption

Maintenance kits for ZANDER breathing air adsorption dryer BS-MT and BSP-MT10-95



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>
SK-BSP-MT010-095/1207	BS-MT 10 .. 95 ; BSP-MT 10 .. 95	12 months	81
SK-BSP-MT010-025/2407	BS-MT 10 .. 25 ; BSP-MT 10 .. 25	24 months	81
SK-BSP-MT035-095/2407	BS-MT 35 .. 95 ; BSP-MT 35 .. 95	24 months	81

silencer

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

desiccant bundles

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

flow distributor: for each vessel (upside)

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

activated carbon bundle for cleaning stage

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

dew-point transmitter

SP-ESH420	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-MT 10-95

	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 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>
SK-KE-MT120-600/1207	KE-MT120 .. KE-MT600	12 months	81
SK-KE-MT120/2407	KE-MT120	24 months	81
SK-KE-MT150-250/2407	KE-MT150 .. KE-MT250	24 months	81
SK-KE-MT300-500/2407	KE-MT300 .. KE-MT500	24 months	81
SK-KE-MT600/2407	KE-MT600	24 months	81
SK-KE-MT120/4807	KE-MT120	48 months	81
SK-KE-MT150-200/4807	KE-MT150 .. KE-MT200	48 months	81
SK-KE-MT250/4807	KE-MT250	48 months	81
SK-KE-MT300/4807	KE-MT300	48 months	81
SK-KE-MT380-500/4807	KE-MT380 .. KE-MT500	48 months	81
SK-KE-MT600/4807	KE-MT600	48 months	81

silencer bundles

SK-FSC50-2	KE-MT120 .. KE-MT250	12 months	81
SK-FSC50-4	KE-MT300 .. KE-MT500	12 months	81

desiccant bundles

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

flow distributors incl. 2 flange flat gaskets

SK-PWS/PWG050	KE-MT120	if required	81
SK-PWS/PWG065	KE-MT150 .. KE-MT200	if required	81
SK-PWS/PWG080	KE-MT250 .. KE-MT300	if required	81
SK-PWS/PWG100	KE-MT380 .. KE-MT500	if required	81
SK-PWS/PWG125	KE-MT600	if required	81

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

gasket kits (flat gasket DIN-flange)

SK-PWG050-08	KE-MT120	48 months	81
SK-PWG065-08	KE-MT150 .. KE-MT200	48 months	81
SK-PWG080-08	KE-MT250 .. KE-MT300	48 months	81
SK-PWG100-08	KE-MT380 .. KE-MT500	48 months	81
SK-PWG125-08	KE-MT600	48 months	81

dew-point transmitter

SP-ESH420	dew-point -100..+20°C, 4..20mA	12 months	82
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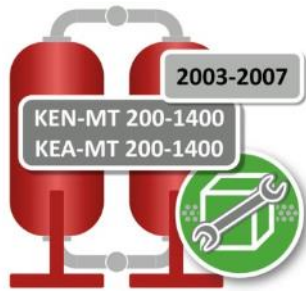
Adsorption

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 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-KE-MT120-600/1207	1	4		1																							
SK-KE-MT120/2407	1	4		1	2																						
SK-KE-MT150-250/2407	1	4		1		2																					
SK-KE-MT300-500/2407	1	4		1			2																				
SK-KE-MT600/2407	1	4		1				2																			
SK-KE-MT120/4807	1		1	1	2				2																		
SK-KE-MT150-200/4807	1		1	1		2				2																	
SK-KE-MT250/4807	1		1	1		2					2																
SK-KE-MT300/4807	1		1	1			2				2																
SK-KE-MT380-500/4807	1		1	1			2					2															
SK-KE-MT600/4807	1		1	1				2					2														
SK-FSC50-2														2													
SK-FSC50-4														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-PWG050-08																											8
SK-PWG065-08																											8
SK-PWG080-08																											8
SK-PWG100-08																											8
SK-PWG125-08																											8

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>
SK-KEN-MT0200-1400/1203	KEN-MT200 ; KEN-MT1400	12 months	81
SK-KEN-MT0200-0500/2403	KEN-MT200 ; KEN-MT500	24 months	81
SK-KEN-MT0600-1400/2403	KEN-MT600 ; KEN-MT1400	24 months	81
SK-KEN-MT0200-0500/4803	KEN-MT200 ; KEN-MT500	48 months	81
SK-KEN-MT0600-1400/4803	KEN-MT600 ; KEN-MT1400	48 months	81

silencer (standard)

SP-FSC25	KEN-MT200 ; KEN-MT500	12 months	82
SP-FSC40	KEN-MT600 ; KEN-MT1150	12 months	82
SP-FSC50	KEN-MT1400	12 months	82

desiccant bundles

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

flow distributors

SP-PWS32KEN-OMG	KEN-MT200-500 ; KEA-MT200-500	if required	82
SP-PWS40DPS-OMG	KE-MT600-1150 ; KEA-MT600-1150	if required	82
SP-PWS50DPS-OMG	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

SP-FAI-IOP02	cleaning stage KEA-MT200 .. KEA-MT1400	if required	82
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activated carbon bundles

SEDAFILL-13A	cleaning stage KEA-MT200	13 kg	12 months	85
SEDAFILL-16A	cleaning stage KEA-MT300	16 kg	12 months	85
SEDAFILL-20A	cleaning stage KEA-MT400	20 kg	12 months	85
SEDAFILL-26A	cleaning stage KEA-MT500	26 kg	12 months	85
SEDAFILL-30A	cleaning stage KEA-MT600	30 kg	12 months	85
SEDAFILL-43A	cleaning stage KEA-MT800	43 kg	12 months	85
SEDAFILL-56A	cleaning stage KEA-MT1150	56 kg	12 months	85
SEDAFILL-76A	cleaning stage KEA-MT1400	76 kg	12 months	85

dew-point transmitter

SP-ESH420	dew-point -100..+20°C, 4..20mA	12 months	82
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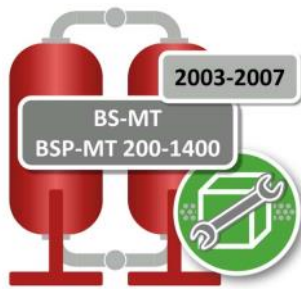
Adsorption

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							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 1½	flow distributor G 2	indicator tube for oil vapour	SEDAPAC 3A	SEDAPAC 10A	
SK-KEN-MT0200-1400/1203	1	2	2																							
SK-KEN-MT0200-0500/2403	1	2	2	2		2																				
SK-KEN-MT0600-1400/2403	1	2	2		2		2																			
SK-KEN-MT0200-0500/4803	1	2	2	4	2		2		2																	
SK-KEN-MT0600-1400/4803	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 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>
SK-BSP-MT0200-1400/1203	BS-MT 200 .. 1400 ; BSP-MT 200 .. 1400	12 months	81
SK-BSP-MT0200-0500/2403	BS-MT 200 .. 500 ; BSP-MT 200 .. 500	24 months	81
SK-BSP-MT0600-1400/2403	BS-MT 600 .. 1400 ; BSP-MT 600 .. 1400	24 months	81

silencer

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

dessicant bundles

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

flow distributor for cleaning stage

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

activated carbon bundles for cleaning stage of medical breathing air

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

dew-point transmitter

SP-ESH420	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-MT 200-1400 (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
SK-BSP-MT0200-1400/1203	1	2	2																					
SK-BSP-MT0200-0500/2403	1	2	2	4	2		2		2															
SK-BSP-MT0600-1400/2403	1	2	2	4		2		2		2														
SP-FSC25										1														
SP-FSC40											1													
SP-FSC50												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-PWS32KEN-OMG																	1							
SP-PWS40DPS-OMG																		1						
SP-PWS50DPS-OMG																			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 adsorption dryer KEN-MT2000-10000 (2003..)



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>
SK-KEN-MT2000-10000/1203	KEN-MT2000 .. KEN-MT10000	12 months	81
SK-KEN-MT2000/2403	KEN-MT2000	24 months	81
SK-KEN-MT2600-3800/2403	KEN-MT2600 .. KEN-MT3800	24 months	81
SK-KEN-MT5000-8000/2403	KEN-MT5000 .. KEN-MT8000	24 months	81
SK-KEN-MT10000/2403	KEN-MT10000	24 months	81
SK-KEN-MT2000/4803	KEN-MT2000	48 months	81
SK-KEN-MT2600-3100/4803	KEN-MT2600 .. KEN-MT3100	48 months	81
SK-KEN-MT3800/4803	KEN-MT3800	48 months	81
SK-KEN-MT5000/4803	KEN-MT5000	48 months	81
SK-KEN-MT6000-8000/4803	KEN-MT6000 .. KEN-MT8000	48 months	81
SK-KEN-MT10000/4803	KEN-MT10000	48 months	81

silencer bundles

SK-FSC40-2	KEN-MT2000	12 months	81
SK-FSC50-2	KEN-MT2600 .. KEN-MT3800	12 months	81
SK-FSC50-4	KEN-MT5000 .. KEN-MT8000	12 months	81

desiccant bundles

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

flow distributor incl. 2 flange flat gaskets

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

SK-PWG050-08	KEN-MT2000	48 months	81
SK-PWG065-08	KEN-MT2600 .. KEN-MT3100	48 months	81
SK-PWG080-08	KEN-MT3800 .. KEN-MT5000	48 months	81
SK-PWG100-08	KEN-MT6000 .. KEN-MT8000	48 months	81
SK-PWG125-08	KEN-MT10000	48 months	81

dew-point transmitter

SP-ESH420	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..)

	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 G1 ½	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															
SK-FSC40-2														2														
SK-FSC50-2															2													
SK-FSC50-4															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-PWG050-08																												8
SK-PWG065-08																												8
SK-PWG080-08																												8
SK-PWG100-08																												8
SK-PWG125-08																												8

Adsorption

Maintenance kits for ZANDER adsorption dryer KEN200-1400 and 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>
SK-KEN0200-1400/1299	KEN 200 .. 1400 ; KEA 200 .. 1400	12 months	81
SK-KEN0200-0500/2499	KEN 200 .. 500 ; KEA 200 .. 500	24 months	81
SK-KEN0600-1400/2499	KEN 600 .. 1400 ; KEA 600 .. 1400	24 months	81
SK-KEN0200-0500/4899	KEN 200 .. 500 ; KEA 200 .. 500	48 months	81
SK-KEN0600-1400/4899	KEN 600 .. 1400 ; KEA 600 .. 1400	48 months	81

silencer

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

desiccant bundles

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

flow distributor

SP-PWS32KEN-OMG	KEN 200 .. 500 ; KEA 200 .. 500	if required	82
SP-PWS40DPS-OMG	KEN 600 .. 1150 ; KEA 600 .. 1150	if required	82
SP-PWS50DPS-OMG	KEN 1400 ; KEA 1400	if required	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

SP-FAI-IOP02	cleaning stage KEA 200 .. 1400	if required	82
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activated carbon bundles for cleaning stage

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

dew-point transmitter

SP-ESH420	dew-point -100..+20°C, 4..20mA	12 months	82
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Adsorption

Maintenance kits for ZANDER adsorption dryer KEN200-1400 and 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 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>
SK-KEN2000-10000/1299	KEN2000 .. KEN10000	12 months	81
SK-KEN2000/2499	KEN2000	24 months	81
SK-KEN2600-3800/2499	KEN2600 .. KEN3800	24 months	81
SK-KEN5000-8000/2499	KEN5000 .. KEN8000	24 months	81
SK-KEN10000/2499	KEN10000	24 months	81
SK-KEN2000/4899	KEN2000 .. KEN3800	48 months	81
SK-KEN2600-3100/4899	KEN2600 .. KEN3100	48 months	81
SK-KEN3800/4899	KEN3800	48 months	81
SK-KEN5000/4899	KEN5000	48 months	81
SK-KEN6000-8000/4899	KEN6000 .. KEN8000	48 months	81
SK-KEN10000/4899	KEN10000	48 months	81

silencer bundles

SK-FSC40-2	KEN2000	12 months	81
SK-FSC50-2	KEN2600 .. KEN3800	12 months	81
SK-FSC50-4	KEN5000 .. KEN8000	12 months	81

desiccant bundles

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

flow distributor incl. 2 flange flat gaskets

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

For each vessel 1 piece is necessary, for a desiccant change 2 pieces are required

gasket kits (flange gaskets DIN-flange)

SK-PWG050-08	KEN2000	48 months	81
SK-PWG065-08	KEN2600 .. KEN3100	48 months	81
SK-PWG080-08	KEN3800 .. KEN5000	48 months	81
SK-PWG100-08	KEN6000 .. KEN8000	48 months	81
SK-PWG125-08	KEN10000	48 months	81

dew-point transmitter

SP-ESH420	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 G1 ½	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															
SK-FSC40-2														2														
SK-FSC50-2															2													
SK-FSC50-4															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-PWG050-08																												8
SK-PWG065-08																												8
SK-PWG080-08																												8
SK-PWG100-08																												8
SK-PWG125-08																												8

Adsorption

Maintenance kits for ZANDER oil-vapour-adsorber AKM1-8 , 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 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>
SR-SGP-AKM1-4	AKM1 .. 4	12 months	82
SR-SGP-AKM6-8	AKM6 .. 8	12 months	82
SR-SGP-AKM05-35	AKM05 .. 35	12 months	82
SR-SGP-AKM75-115	AKM75 .. 115	12 months	82

activated carbon bundles

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

flow distributor including 2 flat gasket flanges

SP-PWS25DPS-OMG	AK10 .. 25	if required	82
SP-PWS32KEN-OMG	AKN200 .. 500	if required	82
SP-PWS40DPS-OMG	AK35 .. 60 ; AKN 600 .. 1150	if required	82
SP-PWS50DPS-OMG	AK75 .. 95 ; AKN 1400	if required	82
SK-PWS/PWG050	AK120 ; AKN2000	if required	81
SK-PWS/PWG065	AK150 .. 200 ; AKN2600 .. 3100	if required	81
SK-PWS/PWG080	AK250 .. 300 ; AKN3800 ..5000	if required	81
SK-PWS/PWG100	AK380 .. 500 ; AKN6000 .. 8000	if required	81
SK-PWS/PWG125	AK600 ; AKN10000	if required	81

indicator tubes for oil vapour

SP-FAI-IOP02	all	if required	82
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Adsorption

Maintenance kits for ZANDER oil-vapour-adsorber AKM1-8 , 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> WVM year of construction 20002006	<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> WVM year of construction 200704/2009	<i>maintenance interval</i>	<i>prod. grp.</i>
SK-WVM0040-1450/1207	WVM40 .. WVM1450	12 months	81
SK-WVM0040-0355/2407	WVM40 .. WVM35504/	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> WVM year of construction 04/2009	<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
Year of construction 2000...2006																		
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	
Year of construction 2007...04/2009																		
*) 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	
Year of construction 04/2009...																		
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*		1	1	1	1						1						
SK-WVM0065-0085/4809	1*		1	1	1		1						1					
SK-WVM0120-0200/4809	1*		1	1	1			1						1				
SK-WVM0235-0355/4809	1*		1	1	1				1						1			
SK-WVM0410-0710/4809	1*		1	1	1					1						1		
SK-WVM0800-1080/4809	1*		1	1	1						1						1	
SK-WVM1230-1450/4809	1*		1	1	1							1					1	

* service kit includes 2 control air filters, YOС 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 48 months.

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

<i>Dessicant bundles</i>	<i>suitable for</i>	<i>maintenance interval</i>		<i>prod. grp.</i>
SEDAFILL-44WS-100N	WVM40	144 kg	48 months	85
SEDAFILL-58WS-120N	WVM50	178 kg	48 months	85
SEDAFILL-58WS-170N	WVM65	228 kg	48 months	85
SEDAFILL-90WS-190N	WVM85	280 kg	48 months	85
SEDAFILL-138WS-290N	WVM120	428 kg	48 months	85
SEDAFILL-148WS-380N	WVM150	528 kg	48 months	85
SEDAFILL-220WS-530N	WVM200	750 kg	48 months	85
SEDAFILL-260WS-620N	WVM235	880 kg	48 months	85
SEDAFILL-314WS-740N	WVM300	1054 kg	48 months	85
SEDAFILL-390WS-960N	WVM355	1350 kg	48 months	85
SEDAFILL-426WS-1090N	WVM410	1516 kg	48 months	85
SEDAFILL-520WS-1240N	WVM475	1760 kg	48 months	85
SEDAFILL-556WS-1350N	WVM525	1906 kg	48 months	85
SEDAFILL-650WS-1730N	WVM620	2376 kg	48 months	85
SEDAFILL-780WS-1840N	WVM710	2620 kg	48 months	85
SEDAFILL-910WS-2250N	WVM800	3160 kg	48 months	85
SEDAFILL-1040WS-2400N	WVM920	3460 kg	48 months	85
SEDAFILL-1170WS-2850N	WVM1080	4020 kg	48 months	85
SEDAFILL-1358WS-3300N	WVM1230	4658 kg	48 months	85
SEDAFILL-1484WS-3900N	WVM1450	5384 kg	48 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-PWG100/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>
SP-VMS-B08/50-NC-230-BJO	pressurisation valve HDK18/25 .. HDK360/25 ; HDK18/50 .. HDK360/50	24 months	82
SP-VMS-B15/50-NC-230-BJO	main valve HDK18/25 .. HDK360/25 ; HDK18/50 .. HDK360/50	24 months	82
SP-VMS-B15/50-NC-230-BJO	expansion valve HDK18/25 .. HDK360/25 ; HDK18/50 .. HDK360/50	24 months	82
SP-VMS-B15/50-NC-230-BJO	pressurisation valve HDK550/25 ; HDK550/50	24 months	82
SP-VMS-B20/50-NC-230-BJO	main valve HDK550/25 ; HDK550/50	24 months	82
SP-VMS-B20/50-NC-230-BJO	expansion valve HDK550/25 ; HDK550/50	24 months	82
SP-ECS230-HDK-BJO	solenoid coil HDK18/25 .. HDK550/25 ; HDK18/50 .. HDK550/50	if required	82
<i>repair kits for solenoid valves</i>			
SR-VMS15NC/50-230-BJO	HDK18/25 .. HDK360/25 ; HDK18/50 .. HDK360/50	if required	82
SR-VMS20NC/50-230-BJO	HDK550/25 ; HDK550-50	if required	82
<i>silencer</i>			
SP-FSC15/350	HDK18/25 .. HDK360/25 ; HDK18/50 .. HDK360/50	12 months	82
<i>desiccant bundles for 50 bar dryer</i>			
SEDAFILL-2WS-4MS	HDK18/25 ; HDK18/50	6 kg 24 months	84
SEDAFILL-2WS-8MS	HDK40/25 ; HDK40/50	10 kg 24 months	84
SEDAFILL-4WS-15MS	HDK80/25 ; HDK80/50	19 kg 24 months	84
SEDAFILL-4WS-19MS	HDK120/25 ; HDK120/50	23 kg 24 months	84
SEDAFILL-6WS-27MS	HDK160/25 ; HDK160/50	33 kg 24 months	84
SEDAFILL-8WS-34MS	HDK210/25 ; HDK210/50	42 kg 24 months	84
SEDAFILL-12WS-60MS	HDK360/25 ; HDK360/50	72 kg 24 months	84
SEDAFILL-20WS-90MS	HDK550/25 ; HDK550/50	110 kg 24 months	84
<i>flow distributor (for each dryer 4 pieces are mounted)</i>			
SP-PWS32/500DHW-OMG	flow distributor 1 ¼"	if required	82
<i>dew-point transmitter</i>			
SP-ESH420	dew-point transmitter -100..+20°C dp, 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



SK-VVB/DHM .. maintenance kits are also suitable for all ZANDER high-pressure dryers HDK-MT .. 100 and HDA-MT .. 100 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..
* Since summer 2013, a modified pressurisation valve Y5 has been used. **For conversion of the valve blocks, the solenoid core tube SU-VMV/NC-DHM-NHI has to be ordered in addition to the maintenance kit once.**

<i>maintenance kits</i>	<i>suitable for</i>	<i>maintenance intervall</i>	<i>prod. grp.</i>
SK-VVB/HDK-MT/2401	HDK-MT4/100 .. HDK-MT70/100	24 months	81
SK-VVB/HDK-MT/2402*	HDK-MT4/100 .. HDK-MT70/100 if dryer is upgraded with SU-VMV/NC-DHM-NHI	24 months	81

repair kits

SR-VPS/NO-DHM-NHI	HDK-MT4/100 .. HDK-MT70/100	if required	82
SR-VPS/NC-DHM-NHI-01	HDK-MT4/100 .. HDK-MT70/100	if required	82
SR-VPS/NC-DHM-NHI-02*	HDK-MT4/100 .. HDK-MT70/100	if required	82
SR-VMV/NO-DHM-NHI	HDK-MT4/100 .. HDK-MT70/100	if required	82
SR-VMV/NC-DHM-NHI	HDK-MT4/100 .. HDK-MT70/100	if required	82
SU-VMV/NC-DHM-NHI*	HDK-MT4/100 .. HDK-MT70/100	*upgrade	82
SR-VMN1.5-DHM-02-NHI	HDK-MT4/100 .. HDK-MT70/100	if required	82
SP-ECS230-DHW/DHM-NHI	HDK-MT4/100 .. HDK-MT70/100	if required	82

silencer

SP-FSC15/350	HDK-MT4/100 .. HDK-MT70/100	12 months	82
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gasket kits

SR-SOR-HDK-MT	HDK-MT4/100 .. HDK-MT70/100	24 months	82
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desiccant bundles for dryers of 100 bar

SEDAFILL-2WS-6MS	HDK-MT4/100 .. HDK-MT15/100	8 kg	24 months	85
SEDAFILL-2WS-10MS	HDK-MT20/100	12 kg	24 months	85
SEDAFILL-4WS-12MS	HDK-MT25/100	16 kg	24 months	85
SEDAFILL-4WS-15MS	HDK-MT30/100	19 kg	24 months	85
SEDAFILL-6WS-19MS	HDK-MT40/100	25 kg	24 months	85
SEDAFILL-6WS-25MS	HDK-MT50/100	31 kg	24 months	85
SEDAFILL-6WS-30MS	HDK-MT60/100	36 kg	24 months	85
SEDAFILL-8WS-30MS	HDK-MT70/100	38 kg	24 months	85

flow distributor/filter : for each vessel 1 piece is needed, for each dryer 2 pieces have to be ordered

SP-PWS20/350DHM-OMG	HDK-MT4/100 .. HDK-MT70/100	24 months	82
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dew-point transmitter

SP-ESH420	dew-point -100..+20°C, 4..20mA	12 months	82
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Adsorption

Maintenance kits for ZANDER high pressure adsorption dryer HDK-MT4-70/100

	reset module	Multitronic	pilot valve main stream (Y1/Y2)	pilot valve expansion (Y3/Y4/Y5*)	pilot valve pressurisation (Y5)	valve main stream (V1/V2)	valve expansion (V3/V4)	non return valve main stream	non return valve regeneration	non return valve pressurisation	magnet core tube Y1 / Y2	magnet core tube Y3 / Y4/ Y5	purge air valve	solenoid coil 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
SK-VVB/HDK-MT/2401	1	2	2	1	2	2	2	2	2	2												
SK-VVB/HDK-MT/2402*	1	2	3		2	2	2	2	2	2												
SR-VPS/NO-DHM-NHI		2																				
SR-VPS/NC-DHM-NHI-01			2	1																		
SR-VPS/NC-DHM-NHI-02*			3																			
SR-VMV/NO-DHM-NHI											2											
SR-VMV/NC-DHM-NHI												2										
SU-VMV/NC-DHM-NHI												1										
SR-VMN1.5-DHM-02-NHI*													1									
SP-ECS230-DHW/DHM-NHI														5								
SP-FSC15/350															1							
SR-SOR-HDK-MT																1						
SEDAFILL-2WS-6MS																	1		1	1		
SEDAFILL-2WS-10MS																	1		1	2		
SEDAFILL-4WS-12MS																		1		3		
SEDAFILL-4WS-15MS																		1			1	
SEDAFILL-6WS-19MS																	1	1		1	1	
SEDAFILL-6WS-25MS																	1	1	1	2	1	
SEDAFILL-6WS-30MS																	1	1			2	
SEDAFILL-8WS-30MS																		2			2	
SP-PWS20/350DHM-OMG																						1

Adsorption

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



SK-VVB/DHM .. maintenance kits are also suitable for all ZANDER adsorption dryers of series HDK-MT .. 250, and HDK-MT../350, and HDA-MT../250, and HDA-MT .. 350, built since 2005. There are suitable bundles (SEDAFILL) for a dessicant 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..

* Since summer 2013, a modified pressurisation valve Y5 has been used. **For an update of the valve blocks, the solenoid core tube SU-VMV/NC-DHM-NHI has to be ordered in addition to the maintenance kit once.**

<i>maintenance kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
SK-VVB/HDK-MT/2401	HDK-MT4/350(250) .. HDK-MT70/350(250)	24 months	81
SK-VVB/HDK-MT/2402*	HDK-MT4/350(250) .. HDK-MT70/350(250)	24 months	81
<i>repair kits</i>			
SR-VPS/NO-DHM-NHI	HDK-MT4/350(250) .. HDK-MT70/350(250)	if required	82
SR-VPS/NC-DHM-NHI-01	HDK-MT4/350(250) .. HDK-MT70/350(250)	if required	82
SR-VPS/NC-DHM-NHI-02*	HDK-MT4/350(250) .. HDK-MT70/350(250)	if required	82
SR-VMV/NO-DHM-NHI	HDK-MT4/350(250) .. HDK-MT70/350(250)	if required	82
SR-VMV/NC-DHM-NHI	HDK-MT4/350(250) .. HDK-MT70/350(250)	if required	82
SU-VMV/NC-DHM-NHI*	HDK-MT4/350(250) .. HDK-MT70/350(250)	*upgrade	82
SR-VMN1.5-DHM-02-NHI	HDK-MT4/350(250) .. HDK-MT70/350(250)	if required	82
SP-ECS230-DHW/DHM-NHI	HDK-MT4/350(250) .. HDK-MT70/350(250)	if required	82
<i>silencer</i>			
SP-FSC15/350	HDK-MT4/350(250) .. HDK-MT70/350(250)	12 months	82
<i>gasket kits</i>			
SR-SOR-HDK-MT	HDK-MT4/350(250) .. HDK-MT70/350(250)	24 months	82
<i>dessicant bundles for dryers of 350 (250) bar</i>			
SEDAFILL-2WS-4MS	HDK-MT4/350(250) .. HDK-MT15/350(250)	6 kg 24 months	85
SEDAFILL-2WS-6MS	HDK-MT20/350(250)	8 kg 24 months	85
SEDAFILL-2WS-8MS	HDK-MT25/350(250)	10 kg 24 months	85
SEDAFILL-2WS-10MS	HDK-MT30/350(250)	12 kg 24 months	85
SEDAFILL-4WS-14MS	HDK-MT40/350(250)	18 kg 24 months	85
SEDAFILL-4WS-17MS	HDK-MT50/350(250)	21 kg 24 months	85
SEDAFILL-4WS-19MS	HDK-MT60/350(250)	23 kg 24 months	85
SEDAFILL-6WS-19MS	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>			
SP-PWS20/350DHM-OMG	HDK-MT4/350(250) .. HDK-MT70/350(250)	24 months	82
<i>dew-point transmitter</i>			
SP-ESH420	dew-point -100..+20°C, 4..20mA	12 months	82

Adsorption

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

	reset module	Multitronic	pilot valve main stream (Y1/Y2)	pilot valve expansion (Y3/Y4/Y5*)	pilot valve pressurisation (Y5)	valve main stream (V1/V2)	valve expansion (V3/V4)	non return valve main stream	non return valve regeneration	non return valve pressurisation	magnet core tube Y1 / Y2	magnet core tube Y3 / Y4/ Y5	purge air valve	solenoid coil 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
SK-VVB/HDK-MT/2401	1	2	2	1	2	2	2	2	2	2												
SK-VVB/HDK-MT/2402*	1	2	3		2	2	2	2	2	2												
SR-VPS/NO-DHM-NHI		2																				
SR-VPS/NC-DHM-NHI-01			2	1																		
SR-VPS/NC-DHM-NHI-02*			3																			
SR-VMV/NO-DHM-NHI											2											
SR-VMV/NC-DHM-NHI												2										
SU-VMV/NC-DHM-NHI												1										
SR-VMN1.5-DHM-02-NHI*													1									
SP-ECS230-DHW/DHM-NHI														5								
SP-FSC15/350															1							
SR-SOR-HDK-MT																1						
SEDAFILL-2WS-4MS																	1			1		
SEDAFILL-2WS-6MS																	1		1	1		
SEDAFILL-2WS-8MS																	1		2			
SEDAFILL-2WS-10MS																	1		1	2		
SEDAFILL-4WS-14MS																		1	1	3		
SEDAFILL-4WS-17MS																		1	1		1	
SEDAFILL-4WS-19MS																		1		1	1	
SEDAFILL-6WS-19MS																	1	1		1	1	
SP-PWS20/350DHM-OMG																						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>
SR-VIL/NC-DME-DH	DME12 .. DME40	24 months	81
SR-VIL-VPC-DME-DH	DME50 .. DME80	24 months	81
SR-VEX/NC-DME-DH	DME12 .. DME80	24 months	81
SR-VRV-DME-DH	DME12 .. DME80	24 months	81
<i>single spare parts</i>			
SP-VP55/2I-DME-DH	DME50 .. DME80	if required	82
SP-ECS024-DME-DH	DME12 .. DME80	if required	82
<i>silencer</i>			
SP-FSC-DME-DH	DME12 .. DME80	12 months	82
<i>gasket kits</i>			
SR-SOF-DME-DH	DME12 .. DME80	48 months	82
SR-SOR-DME-DH	DME50 .. DME80	48 months	82
<i>desiccant bundles for dew-points up to -40°C dp</i>			
SEDAPAC-5AA	DME12	5 kg 48 months	85
SEDAFILL-9AA	DME15	9 kg 48 months	85
SEDAFILL-10AA	DME20	10 kg 48 months	85
SEDAFILL-12AA	DME25	12 kg 48 months	85
SEDAFILL-16AA	DME30	16 kg 48 months	85
SEDAPAC-18AA	DME40	18 kg 48 months	85
SEDAFILL-25AA	DME50	25 kg 48 months	85
SEDAFILL-30AA	DME60	30 kg 48 months	85
SEDAFILL-36AA	DME80	36 kg 48 months	85
<i>desiccant bundles for dew-points up to -70°C dp</i>			
SEDAFILL-6MS	DME12	6 kg 48 months	85
SEDAFILL-8MS	DME15	8 kg 48 months	85
SEDAFILL-10MS	DME20	10 kg 48 months	85
SEDAPAC-15MS	DME25	15 kg 48 months	85
SEDAPAC-15MS	DME30	15 kg 48 months	85
SEDAFILL-17MS	DME40	17 kg 48 months	85
SEDAFILL-25MS	DME50	25 kg 48 months	85
SEDAFILL-30MS	DME60	30 kg 48 months	85
SEDAFILL-34MS	DME80	34 kg 48 months	85
<i>dew-point transmitter (optional), from S/Nr.: 31156</i>			
SP-ESH420	4-20mA	12 months	82

Adsorption

Maintenance kits for domnick hunter adsorption dryer DME012-080

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

Spare parts for domnick hunter MINI adsorption dryer size DM002-006



For the domnick hunter desiccant dryers DM002 to DM006 of the MINI series, there are integrated maintenance packages available. Depending on the maintenance interval these packages include all required spare parts. For a complete overhaul, only the desiccant has to be added to the 48-month kit. Moreover, repair kits and single spare parts, e.g. cam time motor, are available for maintenance and repairs.

The offered spare parts of European origin are usually available on stock.

<i>maintenance kits</i>	<i>suitable for</i>	<i>maintenance interval</i>	<i>prod. grp.</i>
SK-DM002-006/1200	DM002 .. DM006	12 months	81
SK-DM002-006/2400	DM002 .. DM006	24 months	81
SK-DM002-006/4800	DM002 .. DM006	24 months	81
<i>silencer</i>			
SP-FSC-MI-DH	DM002 .. DM006	if required	82
<i>repair kits</i>			
SR-SGP-DM002-006	DM002 .. DM006	if required	82
SR-VVR-DM002-006	DM002 .. DM006	if required	82
SR-REG-MI-DH	DM002 .. DM006	if required	82
SP-EMO230-DM-DH	DM002 .. DM006	if required	82
SP-IPC-DM-DH	DM002P .. DM006P	if required	82
<i>desiccant bundle</i>			
SEDAPAC-2MS	DM002 .. DM006	2 kg 24 months	85

Adsorption

Spare parts for domnick hunter MINI adsorption dryer size DM002-006

	silencer	seal base housing	pneumatic control valve	change over valve	non return valve	profile gasket	sieve plate profile	purge air bridge	cam time motor 230VAC	cam time motor pneumatic	SEDAPAC 2MS
SK-DM002-006/1200	1	3									
SK-DM002-006/2400	1	3	1	1							
SK-DM002-006/4800	1	3	1	1	2	4	2				
SP-FSC-MI-DH	1										
SR-SGP-DM002-006						4	2				
SR-VVR-DM002-006					2						
SR-REG-MI-DH								1			
SP-EMO230-DM-DH									1		
SP-IPC-DM-DH										1	
SEDAPAC-2MS											1

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>
SK-DASMK1-7/1201-DH	MIDAS1 .. MIDAS7	12 months	86
SK-DASMK1-7/2401-DH	MIDAS1 .. MIDAS7	24 months	86
<i>single spare parts</i>			
SP-ECS24A-10-ASJ		if required	86
<i>desiccant cartridge for -40°C/-70°C dp</i>			
SK-DASMK1/4801-DH	MIDAS1	48 months	86
SK-DASMK2/4801-DH	MIDAS2	48 months	86
SK-DASMK3/4801-DH	MIDAS3	48 months	86
SK-DASMK4/4801-DH	MIDAS4	48 months	86
SK-DASMK5/4801-DH	MIDAS5	48 months	86
SK-DASMK6/4801-DH	MIDAS6	48 months	86
SK-DASMK7/4801-DH	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
SK-DASMK1-7/1201-DH	1															
SK-DASMK1-7/2401-DH		2	1	1												
SP-ECS24A-10-ASJ					1											
SK-DASMK1/4801-DH						1							1	2	2	1
SK-DASMK2/4801-DH							1						1	2	2	1
SK-DASMK3/4801-DH								1					1	2	2	1
SK-DASMK4/4801-DH									1				1	2	2	1
SK-DASMK5/4801-DH										1			1	2	2	1
SK-DASMK6/4801-DH											1		1	2	2	1
SK-DASMK7/4801-DH												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>
SR-VIL-VPC-DME-DH	TD0800G .. TD 1400G	24 months	81
SR-VEX/NC-DME-DH	TD0800G .. TD 1400G	24 months	81
SR-VRV-DME-DH	TD0800G .. TD 1400G	24 months	81
SP-VPS5/2I-DME-DH	TD0800G .. TD 1400G	24 months	82
<i>single spare parts</i>			
SP-ECS024-DME-DH	TD0800G .. TD 1400G	if required	82
<i>repair kits</i>			
SR-SOF-DME-DH	TD0800G .. TD 1400G	24 months	82
SR-SOR-DME-DH	TD0800G .. TD 1400G	24 months	82
<i>silencer</i>			
SP-FSC-DME-DH	TD0800G .. TD 1400G	12 months	82
<i>condensate valve</i>			
SP-VMS08NO-024-DH	TF-x55 .. TF-x870	12 months	82
<i>desiccant bundles</i>			
SEDAFILL-28AA	TD0800G .. TD0818G	28 kg 24 months	84
SEDAFILL-33AA	TD0950G .. TD0985G	33 kg 24 months	84
SEDAFILL-36AA	TD1100G	36 kg 24 months	84
SEDAFILL-41AA	TD1232G	41 kg 24 months	84
SEDAFILL-46AA	TD1400G	46 kg 24 months	84

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>
SR-VIL/NO-DME-DH	TD450G .. TD650G	24 months	81
SR-VEX/NC-DME-DH	TD450G .. TD650G	24 months	81
SR-VRV-DME-DH	TD450G .. TD650G	24 months	81
<i>single spare parts</i>			
SP-ECS024-DME-DH	TD450G .. TD650G	if required	82
<i>repair kits</i>			
SR-SOF-DME-DH	TD450G .. TD650G	24 months	82
SR-SOR-DME-DH	TD450G .. TD650G	24 months	82
<i>silencer</i>			
SP-FSC-DME-DH	TD450G .. TD650G	12 months	82
<i>condensate valve</i>			
SP-VMS08NO-024-DH	TF-x55 .. TF-x870	12 months	82
<i>desiccant bundles</i>			
SEDAPAC-18AA	TD450G .. TD550G	18 kg 24 months	85
SEDAFILL-28AA	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
SR-VIL/NO-DME-DH	2									
SR-VEX/NC-DME-DH		2								
SR-VRV-DME-DH			2		1					
SP-ECS024-DME-DH				1						
SR-SOF-DME-DH					2					
SR-SOR-DME-DH						4				
SP-FSC-DME-DH							1			
SP-VMS08NO-024-DH								1		
SEDAPAC-18AA										1
SEDAFILL-28AA									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>
SP-EHT004-400-065	FST: DTS45V/BP .. DTS55V/BP ZANDER: WVM40 .. WVM50	4,5 kW	3x 6,5A	DN65	82
SP-EHT008-400-080	FST: DTS65V/BP .. DTS85V/BP ZANDER: WVM65 .. WVM85	8 kW	3x11,5A	DN80	82
SP-EHT011-400-125	FST: DTS125V/BP ZANDER: WVM120	11 kW	3x 16 A	DN125	82
SP-EHT014-400-125	FST: DTS155V/BP ZANDER: WVM150	14 kW	3x 23 A	DN125	82
SP-EHT018-400-125	FST: DTS215V/BP ZANDER: WVM200	18 kW	3x 26 A	DN125	82
SP-EHT028-400-150	FST: DTS250V/BP .. DTS380V/BP ZANDER: WVM235 .. WVM355	28 kW	3x 40,5 A	DN150	82
SP-EHT040-400-150	FST: DTS430V/BP...DTS500V/BP ZANDER: WVM410...WVM475	40 kW	3x 58 A	DN150	82
SP-EHT058-400-200	FST: DTS540V/BP...DTS720V/BP ZANDER: WVM525...WVM710	58 kW	3x 84 A	DN200	82
SP-EHT084-400-200	FST: DTS860V/BP.. DTS940V/BP ZANDER: WVM800...WVM920	84 kW	3x 121 A	DN200	82
SP-EHT095-400-250	FST: DTS1100V/BP ZANDER: WVM1080	95 kW	3x 137 A	DN250	82
SP-EHT114-400-250	FST: DTS1280V/BP ZANDER: WVM1230	114 kW	3x 165 A	DN250	82
SP-EHT135-400-250	FST: DTS1470V/BP ZANDER: WVM1450	135kW	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>
SP-EST100-15-MSG	FST: DTS45 – DTS215	bis DN 80	100 mm	82
SP-EST120-15-MSG	FST: DTS250 – DTS380	DN 100	120 mm	82
SP-EST150-15-MSG	FST: DTS430 – DTS720 ZANDER: WVM040 .. WVM355	DN 150 DN 50 - 150	150 mm	82
SP-EST200-15-MSG	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>
SP-PWC-EST100-200-MSG	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>
SP-ETS/EM50-500-JUM	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>
SP-ESP16-08-420-JUM	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 (m³/h)</i>	<i>prod. grp.</i>
SP-EVP1500-400-0.8-GDN	FST: DTS45V .. DTS55V ZANDER: WVM40 .. WVM50	0,85	2,4△/1,4 Y	125	82
SP-EVP1600-400-1.5-GDN	FST: DTS65V .. DTS85V ZANDER: WVM65 .. WVM85	1,5	4,9△/2,8 Y	210	82
SP-EVP1630-400-2.2-GDN	FST: DTS125V ZANDER: WVM120	2,2	8,5△/4,9 Y	300	82
SP-EVP1640-400-4.0-GDN	FST: DTS155V ZANDER: WVM150	4,0	9,5△/5,5 Y	350	82
SP-EVP1830-400-5.5-GDN	FST: DTS215V ZANDER: WVM200	5,5	12,9△/7,4 Y	525	82
SP-EVP1900-400-8.5-GDN	FST: DTS250V .. DTS380V ZANDER: WVM235 .. WVM355	8,5	18,2△/10,5 Y	840	82
SP-EVP1930-400-8.5-GDN	FST: DTS430V .. DTS500V ZANDER: WVM410 .. WVM475	8,5	18,8△/10,9 Y	1100	82
SP-EVP1940-400-15-GDN	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>
SR-EVP1500-GDN	SP-EVP1500	1x	1x	82
SR-EVP1600-GDN	SP-EVP1600 ; SP-EVP1630	1x	1x	82
SR-EVP1640-GDN	SP-EVP1640	1x	1x	82
SR-EVP1830-GDN	SP-EVP1830	1x	1x	82
SR-EVP1900-GDN	SP-EVP1900 ; SP-EVP1930	1x	1x	82
SR-EVP1940-GDN	SP-EVP1940	2x	2x	82
SR-EVP1943-GDN	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 (m³/h)</i>	<i>prod. grp.</i>
SP-EVP0210-400-1.3-VAC	FST: DTS45V .. DTS55V	1,3	5,7△/3,3 Y	130	82
SP-EVP0315-400-1.6-VAC	FST: DTS65V .. DTS85V	1,6	8,5△/4,9 Y	210	82
SP-EVP0415-400-2.2-VAC	FST: DTS125V	2,2	9,7△/5,6 Y	270	82
SP-EVP0495-400-4.0-VAC	FST: DTS155V	4,0	15,6△/9,0 Y	340	82
SP-EVP0700-400-4.0-VAC	FST: DTS215V	4,0	15,6△/9,0 Y	510	82
SP-EVP1050-400-8.5-VAC	FST: DTS250V .. DTS380V	8,5	18,2△/10,5 Y	875	82
SP-EVP1370-400-8.5-VAC	FST: DTS430V .. DTS500V	8,5	18,2△/10,5 Y	1100	82
SP-EVP1950-400-15-VAC	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

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>
SP-EVP13971-400-19-LVT	FST: DTS860 ; DTS940	160 mm	18,5 kW	31,5 A	1865 Nm ³ /h	82
SP-EVP12000-400-30-LVT	FST: DTS1100	200 mm	30 kW	52 A	2100 Nm ³ /h	82
SP-EVP15971-400-30-LVT	FST: DTS1280	200 mm	30 kW	52 A	2400 Nm ³ /h	82
SP-EVP15985-400-30-LVT	FST: DTS1470	200 mm	30 kW	52A	2800 Nm ³ /h	82
SP-EVP14942-400-37-LVT	FST: DTS1700	250 mm	37 kW	64 A	3220 Nm ³ /h	82
SP-EVP14956-400-45-LVT	FST: DTS1900	250 mm	45 kW	77 A	3600 Nm ³ /h	82

Volume flow data for medium air, suction flow at 60°C (density 0,9 kg/m³)

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>
SP-VFV040/16-KG11-APD-INI-GEF	process flap valve soft sealed with pneum. actuator AP2 DA and limit switch IN5337	PN16	DN40	82
SP-VFV050/16-KG9-APD-INI-GEF	process flap valve soft sealed with pneum. actuator AP3 DA and limit switch IN5337	PN16	DN50	82
SP-VFV065/16-KG9-APD-INI-GEF	process flap valve soft sealed with pneum. actuator AP3 DA and limit switch IN5337	PN16	DN65	82
SP-VFV080/16-KG9-APD-INI-GEF	process flap valve soft sealed with pneum. actuator AP3 DA and limit switch IN5337	PN16	DN80	82
SP-VFV100/16-KG9-APD-INI-GEF	process flap valve soft sealed with pneum. actuator AP3,5 DA and limit switch IN5337	PN16	DN100	82
SP-VFV125/16-KG9-APD-INI-GEF	process flap valve soft sealed with pneum. actuator AP4 DA and limit switch IN5337	PN16	DN125	82
SP-VFV150/16-KG9-APD-INI-GEF	process flap valve soft sealed with pneum. actuator AP4,5 DA and limit switch IN5337	PN16	DN150	82
SP-VFV200/16-KG9-APD-INI-GEF	process flap valve soft sealed with pneum. actuator AP5 DA F10 and limit switch IN5337	PN16	DN200	82
SP-VFV250/16-KG9-APD-INI-GEF	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>
SP-VFV040/16-KG11-GEF	butterfly valve soft sealed	PN16	DN40	82
SP-VFV050/16-KG9-GEF	butterfly valve soft sealed	PN16	DN50	82
SP-VFV065/16-KG9-GEF	butterfly valve soft sealed	PN16	DN65	82
SP-VFV080/16-KG9-GEF	butterfly valve soft sealed	PN16	DN80	82
SP-VFV100/16-KG9-GEF	butterfly valve soft sealed	PN16	DN100	82
SP-VFV125/16-KG9-GEF	butterfly valve soft sealed	PN16	DN125	82
SP-VFV150/16-KG9-GEF	butterfly valve soft sealed	PN16	DN150	82
SP-VFV200/16-KG9-GEF	butterfly valve soft sealed	PN16	DN200	82
SP-VFV250/16-KG9-GEF	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>
SR-VFV040/16-K11/SI-GEF	gasket kit DN40 consists of silicone-valve seat DN40, shaft bushing DN25-DN40	82
SR-VFV050/16-K19S/SI-GEF	gasket kit DN50 consists of silicone-valve seat DN50, shaft bushing DN50-DN80	82
SR-VFV065/16-K19S/SI-GEF	gasket kit DN65 consists of silicone-valve seat DN65, shaft bushing DN50-DN80	82
SR-VFV080/16-K19S/SI-GEF	gasket kit DN80 consists of silicone-valve seat DN80, shaft bushing DN50-DN80	82
SR-VFV100/16-K19S/SI-GEF	gasket kit DN100 consists of silicone-valve seat DN100, shaft bushing DN100	82
SR-VFV125/16-K19S/SI-GEF	gasket kit DN125 consists of silicone-valve seat DN125, shaft bushing DN125-DN150	82
SR-VFV150/16-K19S/SI-GEF	gasket kit DN150 consists of silicone-valve seat DN150, shaft bushing DN125-DN150	82
SR-VFV200/16-K19S/SI-GEF	gasket kit DN200 consists of silicone-valve seat DN200, shaft bushing DN200	82
SR-VFV250/16-K19S/SI-GEF	gasket kit DN250 consists of silicone-valve seat DN250, shaft bushing DN250	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>
SR-VFV050/25-HG-GEF	gasket kit DN50 consists of valve seat-PTFE/glass, shaft bushing DN50-DN100	82
SR-VFV065/25-HG-GEF	gasket kit DN65 consists of valve seat-PTFE/glass, shaft bushing DN50-DN100	82
SR-VFV080/25-HG-GEF	gasket kit DN80 consists of valve seat-PTFE/glass, shaft bushing DN50-DN100	82
SR-VFV100/25-HG-GEF	gasket kit DN100 consists of valve seat-PTFE/glass, shaft bushing DN50-DN100	82
SR-VFV125/25-HG-GEF	gasket kit 125 consists of valve seat-PTFE/glass, shaft bushing DN125-DN150	82
SR-VFV150/25-HG-GEF	gasket kit DN150 consists of valve seat-PTFE/glass, shaft bushing DN125-DN150	82
SR-VFV200/25-HG-GEF	gasket kit DN200 consists of valve seat-PTFE/glass, shaft bushing DN200-DN250	82
SR-VFV250/25-HG-GEF	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>
SP-VFR040/16-END	non-return flap valve DN40 for intermediate flange mounting tin plated steel with PTFE-valve seat, PN16	82
SP-VFR050/16-END	non-return flap valve DN50 for intermediate flange mounting tin plated steel with PTFE-valve seat, PN16	82
SP-VFR065/16-END	non-return flap valve DN65 for intermediate flange mounting tin plated steel with PTFE-valve seat, PN16	82
SP-VFR080/16-END	non-return flap valve DN80 for intermediate flange mounting tin plated steel with PTFE-valve seat, PN16	82
SP-VFR100/16-END	non-return flap valve DN100 for intermediate flange mounting tin plated steel with PTFE-valve seat, PN16	82
SP-VFR125/16-END	non-return flap valve DN125 for intermediate flange mounting tin plated steel with PTFE-valve seat, PN16	82
SP-VFR150/16-END	non-return flap valve DN150 for intermediate flange mounting tin plated steel with PTFE-valve seat, PN16	82
SP-VFR200/16-END	non-return flap valve DN200 for intermediate flange mounting tin plated steel with PTFE-valve seat, PN16	82

Single spare parts Gasket kits for non-return flaps for inter flange mounting

For the non-return butterfly valves depicted above there are replacement butterfly valves available at low prices. These can be mounted easily with only a few steps.

<i>gasket kits</i>	<i>description</i>	<i>prod. grp.</i>
SR-VFR040/16-END	Replacement butterfly valve for non-return butterfly valve DN40 with PTFE-valve seat	82
SR-VFR050/16-END	Replacement butterfly valve for non-return butterfly valve DN50 with PTFE-valve seat	82
SR-VFR065/16-END	Replacement butterfly valve for non-return butterfly valve DN65 with PTFE-valve seat	82
SR-VFR080/16-END	Replacement butterfly valve for non-return butterfly valve DN80 with PTFE-valve seat	82
SR-VFR100/16-END	Replacement butterfly valve for non-return butterfly valve DN100 with PTFE-valve seat	82
SR-VFR125/16-END	Replacement butterfly valve for non-return butterfly valve DN125 with PTFE-valve seat	82
SR-VFR150/16-END	Replacement butterfly valve for non-return butterfly valve DN150 with PTFE-valve seat	82
SR-VFR200/16-END	Replacement butterfly valve for non-return butterfly valve DN200 with PTFE-valve seat	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

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>
SP-VSV15/16-50-SSV	angle seat valve G1/2 i , PN16, including pneumatic actuator 50mm spring returned	82
SP-VSV20/16-50-SSV	angle seat valve G3/4 i , PN16, including pneumatic actuator 50mm spring returned	82
SP-VSV25/16-50-SSV	angle seat valve G1 i , PN16, including pneumatic actuator 50mm spring returned	82
SP-VSV32/16-80-SSV	angle seat valve G1 1/4 i , PN16, including pneumatic actuator 80mm spring returned	82
SP-VSV40/16-80-SSV	angle seat valve G1 1/2 i , PN16, including pneumatic actuator 80mm spring returned	82
SP-VSV50/16-80-SSV	angle seat valve G2 i , PN16, including pneumatic actuator 80mm spring returned	82
SP-VSV65/16-80-SSV	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>
SR-VSV15/16-50-SSV	gasket kit for angle seat valve G1/2 i , PN16, and pneumatic actuator 50mm	82
SR-VSV20/16-50-SSV	gasket kit for angle seat valve G3/4 i , PN16, and pneumatic actuator 50mm	82
SR-VSV25/16-50-SSV	gasket kit for angle seat valve G1 i , PN16, and pneumatic actuator 50mm	82
SR-VSV32/16-80-SSV	gasket kit for angle seat valve G1 1/4 i , PN16, and pneumatic actuator 80mm	82
SR-VSV40/16-80-SSV	gasket kit for angle seat valve G1 1/2 i , PN16, and pneumatic actuator 80mm	82
SR-VSV50/16-80-SSV	gasket kit for angle seat valve G2 i , PN16, and pneumatic actuator 80mm	82
SR-VSV65/16-80-SSV	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>
SP-FSC08-PX	Porex silencer G1/4 a	82
SP-FSC10-PX	Porex silencer G3/8 a	82
<i>alu-silencer PN16</i>	<i>description</i>	<i>prod. grp.</i>
SP-FSC15	aluminium silencer G1/2 a	82
SP-FSC25	aluminium silencer G1 a	82
SP-FSC40	aluminium silencer G1 1/2 a	82
SP-FSC50	aluminium silencer G2 a	82
<i>silencer for high pressure</i>	<i>description</i>	<i>prod. grp.</i>
SP-FSC15/350	aluminium silencer G1/2 a, suitable for high pressure dryers up to PN350	82
SP-FSC-B15F-SV (female thread)	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
SP-PWO-DHW-B15-B15	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>
SP-FSC15-KNX	filter silencer G1/2 i, complete mounted	82
SP-FSC20-KNX	filter silencer G3/4 i, complete mounted	82
SP-FSC25-KNX	filter silencer G1 i, complete mounted	82



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



<i>silencer for domnick hunter dryer</i>	<i>description</i>	<i>prod. grp.</i>
SP-FSC15-DM-DH	aluminium silencer G1/2, suitable for MIDI/DME series	82
SP-FSC-DX-DH	aluminium silencer G1 1/4, suitable for MAXI series	82
SP-FSC-MXS-DH	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>
SP-FSC-MIST-X25	filter silencer Mist-X 25, G 1/2	86
SP-FSC-MIST-X50	filter silencer Mist-X50, G 1	86
SP-FSC-MIST-X150	filter silencer Mist-X150, G1 1/2	86



<i>foam silencer</i>	<i>description</i>	<i>prod. grp.</i>
SP-FSC-MI-DH	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>
SP-FSC80X750-SD50-HTH	80	750	180	17	82
SP-FSC80X1000-SD50-HTH	80	1000	180	19	82
SP-FSC100X1000-SD50-HTH	100	1000	200	16	82
SP-FSC150X1000-SD50-HTH	150	1000	250	10	82
SP-FSC200X1000-SD50-HTH	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>
SP-FSC100X1000-CA100-TRX	100	1000	300	24	82
SP-FSC160X1000-CA100-TRX	160	1000	360	18	82
SP-FSC200X1000-CA100-TRX	200	1000	400	16	82
SP-FSC250X1000-CA100-TRX	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>
SP-FIF-DTS045-085-F7G4-RAS	intake-filter for dryer DTS045-085V, filter size 7, filtration class G4 acc. EN779; Ø175mm, length: 247mm; max. volume flow 380m ³ /h	82
SP-FIF-DTS125-215-F12G4-RAS	intake-filter for dryer DTS125-215V, filter size 12, filtration class G4 acc. EN779; Ø250mm, length: 272mm; max. volume flow 615m ³ /h	82
SP-FIF-DTS250-650-F19G4-RAS	intake-filter for dryer DTS250-650V, filter size 19, filtration class G4 acc. EN779; Ø375mm, length: 429mm; max. volume flow 1520m ³ /h	82
SP-FIF-DTS720-1700-F21G4-RAS	intake-filter for dryer DTS720-1700V, filter size 21, filtration class G4 acc. EN779; Ø420mm, length: 566mm; max. volume flow 2320m ³ /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>
SP-PWH040-500/SI	DN40 silicone-spiral-canvas-hose, Ø51mm, length 500mm	82
SP-PWH050-500/SI	DN50 silicone-spiral-canvas-hose, Ø63mm, length 500mm	82
SP-PWH065-500/SI	DN65 silicone-spiral-canvas-hose, Ø76mm, length 500mm	82
SP-PWH080-500/SI	DN80 silicone-spiral-canvas-hose, Ø90mm, length 500mm	82
SP-PWH100-500/SI	DN100 silicone-spiral-canvas-hose, Ø114mm, length 500mm	82
SP-PWH125-500/SI	DN125 silicone-spiral-canvas-hose, Ø152mm, length 500mm	82
SP-PWH150-500/SI	DN150 silicone-spiral-canvas-hose, Ø178mm, length 500mm	82
SP-PWH200-500/SI	DN200 silicone-spiral-canvas-hose, Ø254mm, length 500mm	82

hose clamp

SP-MCL050-070	wire hose clamp Ø50-70mm	82
SP-MCL080-100	wire hose clamp Ø80-100mm	82
SP-MCL100-120	wire hose clamp Ø100-120mm	82
SP-MCL120-140	wire hose clamp Ø120-140mm	82
SP-MCL140-160	wire hose clamp Ø140-160mm	82
SP-MCL160-180	wire hose clamp Ø160-180mm	82
SP-MCL180-220	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>
SU-ECH-C1/230/115-PLUS	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
SU-ECH-C1/230/115-BASIC	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

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

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>
SU-ECH-C10-006-400	400V 3ph	4,5 kW	1	0,9 kW	5,5 kW	AE1057	82
SU-ECH-C10-010-400	400V 3ph	8 kW	1	1,6 kW	9,6 kW	AE1057	82
SU-ECH-C10-013-400	400V 3ph	11 kW	1	2,2 kW	13,2 kW	AE1057	82
SU-ECH-C10-018-400	400V 3ph	14 kW	1	4,0 kW	18,0 kW	AE1057	82
SU-ECH-C10-024-400	400V 3ph	18 kW	1	5,5 kW	23,5 kW	AE1058	82
SU-ECH-C10-037-400	400V 3ph	28 kW	1	8,5 kW	36,5 kW	AE1058	82
SU-ECH-C10-044-400	400V 3ph	35 kW	1	8,5 kW	43,5 kW	AE1058	82
SU-ECH-C10-050-400	400V 3ph	40 kW	1	8,5 kW	48,5 kW	AE1058	82
SU-ECH-C10-063-400	400V 3ph	48 kW	2	15 kW	63 kW	AE1213	82
SU-ECH-C10-073-400	400V 3ph	58 kW	2	15 kW	73 kW	AE1213	82
SU-ECH-C10-085-400	400V 3ph	69 kW	2	15 kW	85 kW	AE1213	82
SU-ECH-C10-090-400	400V 3ph	74 kW	2	15 kW	89 kW	AE1213	82
SU-ECH-C10-110-400	400V 3ph	84 kW	2	25 kW	109 kW	CM5123	82
SU-ECH-C10-125-400	400V 3ph	95 kW	2	30 kW	125 kW	CM5123	82
SU-ECH-C10-145-400	400V 3ph	114 kW	2	30 kW	144 kW	CM5123	82
SU-ECH-C10-165-400	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,...)



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</i> <i>dew-point metering</i>	<i>technical data</i>	<i>prod.</i> <i>grp.</i>
SU-TDS420-DTS	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
SU-TDS420-DPS	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
SU-ESH3000-5000	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</i> <i>temperature metering</i>	<i>technical data</i>	<i>prod.</i> <i>grp.</i>
SU-EDD-EST150	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
SU-EDD-EST200	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>
SP-ESH420	dew-point transmitter -100..+20°C dp supply voltage 24VDC output 4-20mA thread 5/8" UNF in protective packing with calibration certificate	82
SP-ESH420-EA2	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
SP-ESH420-EPR	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




FST GmbH

Sales office: Im Teelbruch 106 – D-45219 Essen

Head office: Weiherdamm 17 – D-57250 Netphen-Deuz

 +49 (0)2054 / 8735-0

 +49 (0)2054 / 8735-100

 info@fstweb.de

 www.fstweb.de

Distributor