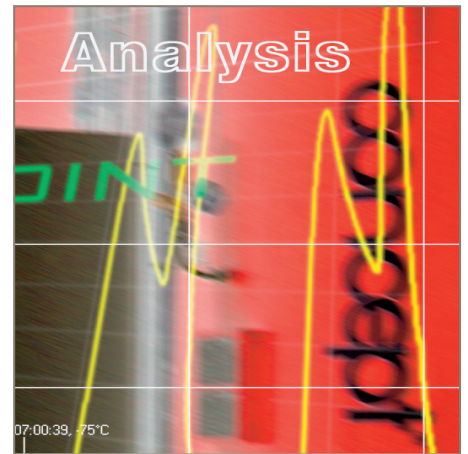


Service Catalogue

Heatless Adsorption Dryers
K-MT 1-8, KM 5-115 Series



False economy, can cost you dearly!

Those who follow a set of simple but effective maintenance rules carry out preventative maintenance of their compressed air dryer on a rolling 12-month basis. To prevent premature wear of other downstream components, nearly pre-and after-filter-elements, silencers and pilot-valves need replacing.

On a 24 month basis, individual dryer sizes also require a replacement of their main control-valves and non-return valves.

Where 12 and 24 month maintenance regimes are strictly adhered to, general overhaul of the dryer should be carried out after 48 months of operation. Together with parts which are generally replaced annually or bi-annually, the by now exhausted adsorption material including seals must be replaced. On some dryer sizes, the flow distributor should also be replaced.

Following this, the above mentioned and customary maintenance regime recommences, thus preserving the users original capital outlay.



The service-package we offer consists of a tailor-made spare-parts program with which preventative maintenance work can be carried out inexpensively. During the formulation of these service packages, great care and attention was paid particularly to the choice of the parts required. Maintenance intervals have been calculated in such a way, to ensure that despite heavy demands made on frequently operated parts, these still continue to exhibit their optimum service life.

In this way, the execution of regular maintenance means that stoppages are prevented before they occur. The use of service-kits avoids downtime losses.

Should plant shutdown actually happen, this can be a costly occurrence, not to mention the subsequent impact of having to restore operations. By using genuine original spare-parts users are establishing an optimum level of all-round protection, which enables them to safely run their systems at full capacity without fear of component breakdown. This approach saves money. The service packages themselves represent an inexpensive preventative tool, cheaper overall than the sum of their component parts.

Ordering the right Service-kit couldn't be easier.



K-MT 1-8 Series

GENERATION 2

From 07/2011 to the present day

For the maintenance of this product range, 12/36, 24 and 48 month service-kits are required, together with other components referenced below. Furthermore a 48 month maintenance interval requires an exchange of desiccant (see DESPACs).

12 and 36 month interval

Material required: Service-kit
 Service-kit contents: Re-set module, silencer, filter-elements
 Options: Dew point sensor ZHM100/450

K-MT	Material required - Order-No.			Options - Order-No.	
Product Code	Service-kit			Others	
K-MT 1-4	SKK1-K4/D2/12			ZHM100/450	
K-MT 6-7	SKK6-K7/D2/12				
K-MT 8	SKK8/D2/12				

24 month interval

Material required: Service-kit
 Service-kit contents: Re-set module, silencer, filter-elements, wear part set for in-/outlet-valves
 Options: Dew point sensor ZHM100/450

K-MT	Material required - Order-No.			Options - Order-No.	
Product Code	Service-kit			Others	
K-MT 1-4	SKK1-K4/D2/24			ZHM100/450	
K-MT 6-7	SKK6-K7/D2/24				
K-MT 8	SKK8/D2/24				

48 month interval

Material required: Service-kit, DESPACs see on opposite page
 Service-kit contents: Re-set module, silencer, filter-elements, perforated plates, perforated plate gaskets, solenoid coils 230V, wear part set for in-/outlet-valves, non-return valves, 2 demister pads,
 Options: Dew point sensor ZHM100/450

K-MT	Material required - Order-No.			Options - Order-No.	
Product Code	Service-kit			Others	
K-MT 1-4	SKK1-K4/D2/48			ZHM/100/450	
K-MT 6-7	SKK6-K7/D2/48				
K-MT 8	SKK8/D2/48				

K-MT 1-8 Series

GENERATION 2
From 07/2011 to the present day

DESPACs

48 month interval

Content DESPACs: Molecular sieve in 1 kg, 4 kg or 15 kg packs

Order-No.	K-MT 1	K-MT 2	K-MT 3	K-MT 4	K-MT 6	K-MT 7	K-MT 8
DESPAC1MS	1		1		1		
DESPAC4MS		1	1	2	3	4	1
DESPAC15MS							1

Replacement filter-elements for pre- and after filters (filter-elements are included in the service-kit)

K-MT	Options - Order-No.		K-MT	Options - Order-No.	
Product code	Filter housing size	Element grade VL, ZL, XL, A	Product code	Filter housing size	Element grade VL, ZL, XL, A
K-MT 1	GL2	CP1008_	K-MT 6	GL5	CP2010_
K-MT 2	GL2	CP1008_	K-MT 7	GL5	CP2010_
K-MT 3	GL2	CP1008_	K-MT 8	GL7	CP2020_
K-MT 4	GL2	CP1008_			

The code spacing_ should contain the filter-element grade required. Example: Filter GL2XL containing filter-element CP1008XL
An XL-grade pre-filter element and a ZL-grade after-filter element are already included in the service-kit as standard.

Loose accessories

Order-No.	Use	Suitable for	Order-No.	Use	Suitable for
VASRGR/K1-K8	Balance-line	K-MT 1 to K-MT 8	VASVPB/K1-K4/08	Starting device G1/4i	K-MT 1 to K-MT 4
VASPDP/K1-K95	Dew point measurement	K-MT 1 to K-MT 95	VASVPB/K6-K7/15	Starting device G1/2i	K-MT 6 to K-MT 7
VASMBS420	Signal Splitter 4-20 mA	K-MT 1 to K-MT 95	VASVPB/K8/20	Starting device G3/4i	K-MT 8
VASNOZ/K1-K95	Nozzle-kit	K-MT 1 to K-MT 95	VASFS3/K1-K4	Fine filter silencer	K-MT 1 to K-MT 4
VASSDD08/15	Silencer	K-MT 1 to K-MT 8	VASFS5/K6-K8	Fine filter silencer	K-MT 6 to K-MT 8



K-MT 1-8 Series

GENERATION 1 From 05/2003 to 06/2011

For the maintenance of this product range, 12/36, 24 and 48 month service-kits are required, together with other components referenced below. Furthermore a 48 month maintenance interval requires an exchange of desiccant (see DESPACs).

12 and 36 month interval

Material required: Service-kit, filter-elements, silencer
 Service-kit contents: Re-set module
 Options: Dew point sensor ZHM 100/450

K-MT	Material required - Order-No.			Options - Order-No.	
Product Code	Service-kit	Filter-element	Silencer	Others	
K-MT 1-8	K-MT12A	See replacement filter-elements on opposite page	VASSDD08/15	ZHM100/450	

24 month interval

Material required: Service-kit, filter-elements, silencer,
 Service-kit contents: Re-set module, wear part set for in-/outlet-valves
 Options: Dew point sensor ZHM100/450

K-MT	Material required - Order-No.			Options - Order-No.	
Product Code	Service-kit	Filter-element	Silencer	Others	
K-MT 1-8	K-MT24A	See replacement filter-elements on opposite page	VASSDD08/15	ZHM100/450	

48 month interval

Material required: Service-kit, silencer, filter-elements, DESPACs see on opposite page
 Service-kit contents: Re-set module, perforated plates, perforated plate gaskets, solenoid coils 230V, wear part set for in-/outlet-valves, non-return valves, 2 Demisters
 Options: Dew point sensor ZHM100/450

K-MT	Material required - Order-No.			Options - Order-No.	
Product Code	Service-kit	Filter-element	Silencer	Others	
K-MT 1-4	K-MT48A	See replacement filter-elements on opposite page	VASSDD08/15	ZHM100/450	
K-MT 6-8	K-MT48B				

K-MT 1-8 Series

GENERATION 1
From 05/2003 to 6/2011

DESPACs

48 month interval

Content DESPACs: Molecular sieve in 1 kg, 4 kg or 15 kg packs

Order-No.	K-MT 1	K-MT 2	K-MT 3	K-MT 4	K-MT 6	K-MT 7	K-MT 8
DESPAC1MS	1		1		1		
DESPAC4MS		1	1	2	3	4	1
DESPAC15MS							1

Replacement filter-elements for pre- and after filters

K-MT	Order-No.		K-MT	Order-No.	
Product code	Filter housing size	Element grade V, ZP, XP, A	Product code	Filter housing size	Element grade V, ZP, XP, A
K-MT 1	G2	1030_	K-MT 6	G5	1070_
K-MT 2	G2	1030_	K-MT 7	G5	1070_
K-MT 3	G2	1030_	K-MT 8	G7	1140_
K-MT 4	G2	1030_			

The code spacing_ should contain the filter-element grade required. Example: Filter G2XP containing filter element 1030XP
An XP-grade pre-filter element and a V-grade after-filter element are standard.

Loose accessories

Order-No.	Use	Suitable for	Order-No.	Use	Suitable for
VASRGR/K1-K8	Balance-line	K-MT 1 to K-MT 8	VASVPB/K1-K4/08	Starting device G1/4i	K-MT 1 to K-MT 4
VASPDP/K1-K95	Dew point measurement	K-MT 1 to K-MT 95	VASVPB/K6-K7/10	Starting device G3/8i	K-MT 6 to K-MT 7
VASMBS420	Signal Splitter 4-20 mA	K-MT 1 to K-MT 95	VASVPB/K6-K7/15	Starting device G1/2i	K-MT 8
VASNOZ/K1-K95	Nozzle-kit	K-MT 1 to K-MT 95	VASFS3/K1-K4	Fine filter silencer	K-MT 1 to K-MT 4
VASSDD08/15	Silencer	K-MT 1 to K-MT 8	VASFS5/K6-K8	Fine filter silencer	K-MT 6 to K-MT 8



KM 5-115 Series

GENERATION 0
Up to mid. 2003

Generation 0 dryers should be updated once to the latest technical specification using the following retrofit kits.

For the maintenance of the updated series, 12/36, 24 and 48 month service-kits are required, together with other components referenced below. Furthermore a 48 month maintenance interval requires an exchange of desiccant (see DESPACs).

Update-kit

Suitable for	Order-No.	Replaceable contents
KM 5 to KM 35	UKKM5-35	Solenoid valve plate incl. seals + cable + socket-coupling
KM 5 to KM 35	UKKM5-35/RV	Non-return valve plate incl. seals
KM 75 to KM 115	UKKM75-115	Solenoid valve plate incl. seals + cable + socket-coupling
KM 75 to KM 115	UKKM75-115/RV	Non-return valve plate incl. seals

Update-kit Multitronic

Suitable for	Order-No.	Replaceable contents
KM 5 bis KM 115	UKMT-230-ZHM	Multitronic + cable + ZHM100 + measuring chamber
KM 5 bis KM 115	UKMT-230	Multitronic + cable

After the conversion of the current control Multitronic every 12 month is the following service kit required

KM 5-KM 115	K-MT12A	Reset-modul
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12 and 36 month interval

Material required: Filter elements, silencers

Service-kit contents: -

Options: Dew point sensor* (*Dew point sensor can vary in type. Please provide the construction no. of the dryer when making an enquiry.)

KM	Material required - Order-No.			Options - Order-No.	
	Product Code	Service-kit	Filter-element	Silencer	Others
KM 5-KM 115	**	See replacement filter-elements on opposite page	VASSDD08/15	Dew point sensor*	

24 month interval

Material required: Service-kit, filter elements, silencers

Service-kit contents: Wear part set for in-/outlet-valves

Options: Dew point sensor* (*Dew point sensor can vary in type. Please provide the construction no. of the dryer when making an enquiry.)

KM	Material required - Order-No.			Options - Order-No.	
	Product Code	Service-kit	Filter-element	Silencer	Others
KM 5-KM 115	KM24A-UG	See replacement filter-elements on opposite page	VASSDD08/15	Dew point sensor*	

KM 5-115 Series

GENERATION 0
Up to mid. 2003

48 month interval

Material required: Service-kit, filter-elements, silencer, DESPACs see below
 Service-kit contents: Perforated plate gaskets, solenoid coils 230V, wear part set for in-/outlet-valves, non-return valves
 Options: Dew point sensor* (*Dew point sensor can vary in type. Please provide the construction no. of the dryer when making an enquiry.)

K-MT	Material required - Order-No.			Options	
	Product Code	Service-kit	Filter-element	Silencer	Others
KM 5-KM 35	KM48A-UG	See replacement filter-elements on opposite page	VASSDD08/15	Dew point sensor*	
KM 75-KM 115	KM48B-UG				

DESPACs

48 month interval

Content DESPACs: Molecular sieve in 1 kg, 4 kg or 15 kg packs

Order-No.	KM 5	KM10	KM25	KM35	KM75	KM95	KM115
DESPAC1MS	1		1			2	
DESPAC4MS		1	1	2			2
DESPAC15MS					1	1	1

Replacement filter-elements for pre- and after filters

KM	Order-No.		KM	Order-No.	
Product code	Filter housing size	Element grade V, ZP, XP, A	Product code	Filter housing size	Element grade V, ZP, XP, A
KM 5	G2	1030_	KM 75	G5	1070_
KM 10	G2	1030_	KM 95	G5	1070_
KM 25	G2	1030_	KM 115	G7	1140_
KM 35	G2	1030_			

The code spacing_ should contain the filter-element grade required. Example: Filter G2XP containing filter element 1030XP.
 An XP-grade pre-filter element and a ZP-grade after-filter element are installed as standard.

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