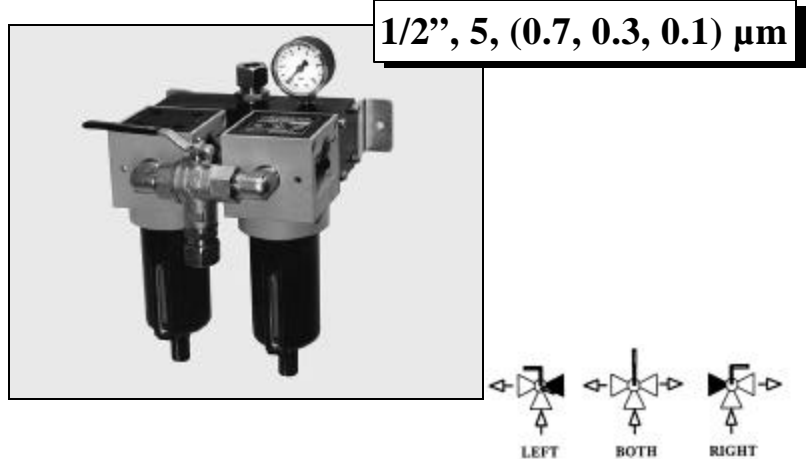


# esko

## Double Filter STS-

### Series

The double filter (Patented) is designed to meet demanding industrial requirements. It is used to clean the supply air before field equipment (e.g. Solenoid Valve Cabinets). The patented "ONE CAM" construction makes it possible to service a dirty filter on-line without any breaks in the output flow and pressure. The double filter is easy to install. It can be equipped with an output pressure gauge and a pressure switch to indicate the dirtiness of the filter in use. The Filter Element has to be changed when the output pressure has decreased to the specified min. operation pressure for the equipment fed.



### Technical Details

Standard filter element	5 µm (type B)
Input / Output	G/R 1/2" (NPT)*
Capacity	Cv 4.5
Operating pressure	Max. PSIG 250 (17 bar)
Temperature range	40..120 °F (+ 4 ...+ 50 °C)
Dimensions	220 x 350 x 280 mm

### CHANGING THE FILTER ELEMENT

The position of the CAM indicates the active filter.

- Turn the three way valve cam towards the filter to be used.
- Empty and depressurize the bowl of the dirty filter by opening the needle valve (or optional ball valve) on the bottom of the bowl.
- Note: The needle valve opens clockwise.

### Accessories

Product <sup>1)</sup> Recommended Spare Parts	Type **	Description	Material
Bowl			Aluminium, painted
Drain Valve		Needle valve	Brass
Drain Valve	* P	Ball valve, G 1/8"	Brass, nickel coated
Switching Valve	S3TPV-ST_ 1/2**	G 1/2", NPTF with Adapter	Brass, nickel coated
Body of the Shuttle Valve	SAR-ST_ 1/2**	G 1/2", NPTF with Adapter	Aluminium, anodised
Adapter	SMN-1/2	G1/2"M – NPTF 1/2" ***	Brass, nickel coated
Pipe of the Shuttle Valve <sup>1)</sup>	SOP40-ST_ 1/2	40 µm	Sintered plastics
Ball of the Shuttle Valve <sup>1)</sup>	SPLO-ST_ 1/2		
Mounting Bracket			Steel, hot-dip galvanised
Pressure Gauge	* PM	0 - 10 bar, G 1/4", Ø50 mm	Plastic housing
Pressure Switch	* PK	0,5 - 10 bar, G 1/4", adjustable	Aluminium, painted
Filter Element <sup>1)</sup>	B, C*, D*, E*	5, 0.7, 0.3, 0.1 µm	Sintered plastics
Spare Filter <sup>1)</sup>	EKF32B	5 µm	Sintered plastics

\* Optional

\*\* The \_ characters on types shall be replaced with letter **R** or **N**, (R=G-thread, N= NPT-thread) E.g. SAR-ST\_ **R** 1/2 or SAR-ST\_ **N** 1/2

\*\*\* The letters M and F (G 1/2" M, G 1/4" F etc.) mean Male and Female

Manufacturer

Distributor

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