

# >> MULTI TUBE DIVERT VALVE M-TDV

## >> FEATURES:

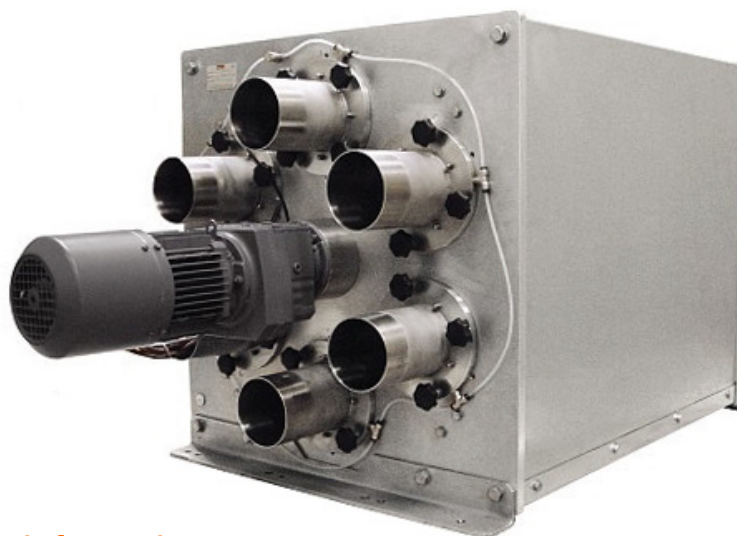
- Available with 2, 3 or multiple ports
- Smooth product contact surfaces
- Inflatable seals
- Pressure from 23" Hg up to 45 PSIG
- Multiple choice of line connections
- Minimized product degradation
- Converging and diverging applications
- Easy detachable construction
- Temperature range – 5°F up to +212°F
- All stainless and aluminum stainless configurations
- Versions conforming to ATEX 94/9/EC available

## Multi Tube Divert Valve

The Multi Tube Divert Valve (M-TDV) transports pneumatically conveyed products in powder or pellet form to or from multiple destinations (diverging or converging).

The Multi Tube Divert Valve design is simple and guarantees a high positional accuracy with a minimum number of

component parts. Available in sizes from 1 1/6" to 6" (40 to 150 mm) with up to 14 ports on the larger models, i.e. smaller pipe sizes. The normal supply would consist of the diverter unit, a pre-programmed compact controller with an onboard PLC. The controller works with a binary code input from the customer's PLC.



## Product Information

The uniquely designed seal that has already been proved on the M-TDV is also being used on the new 2- and 3-TDV. This seal is made from white EPDM and is very easy to fit and clean, and being inflatable guarantees absolutely tight sealing in the conveying line up to 45 PSIG (higher upon request). This also applies to liquids.

The whole range of tube diverters (2-, 3-, and Multi-TDV) are of a sanitary design and have stainless steel AISI 316 product contact parts with multiple choices of line connections, ranging from a simple pipe connection to a tri-clamp fitting. The swan neck pipe connection the inlet to outlets is designed to give minimum product degradation in both conveying directions. All conveying lines that are not in use are also sealed at the diverter outlet. This ensures that there is no

air or product leakage from destinations that are not being used.

The diverters are designed to be easily removed from the line for cleaning (COP—clean out of place). It is also possible to purge the individual conveying lines with a cleaning liquid without removing the diverter from the line (CIP—clean in place). Removal from the line is only necessary when a complete cleaning operation is required. This gives the customer the option to chose a cleaning method tailored to suit their process.

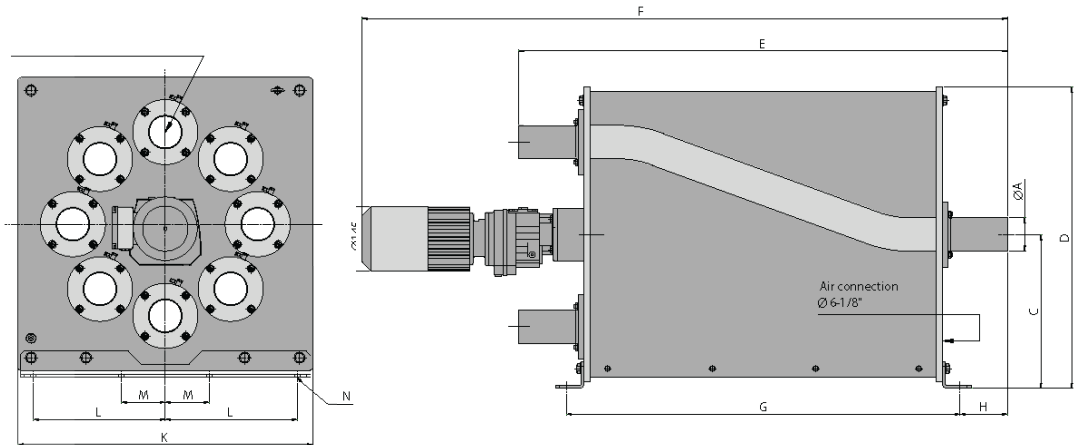


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	Size	Ø A	X	B	C	D	E	F	G	H	K	L	M	N
<b>Module II</b>	40	38.1x1.5	4-10											
	50	50.8x1.5	4-9											
	65	63.5x1.5	4-8	420	350	685	1113	1470	897	108	670	300	100	4 HOLES Ø14
	80	76.1x1.5	4-8											
	100	101.6x2	4-7											
<b>Module III</b>	40	38.1x1.5	11-14											
	50	50.8x1.5	10-13											
	65	63.5x1.5	9-12											
	80	76.1x1.5	9-11	600	475	935	1383	1740	1167	108	920	400	150	4 HOLES Ø14
	100	101.6x2	8-10											
	125	129x2	4-8											
	150	154x2	4-7											



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