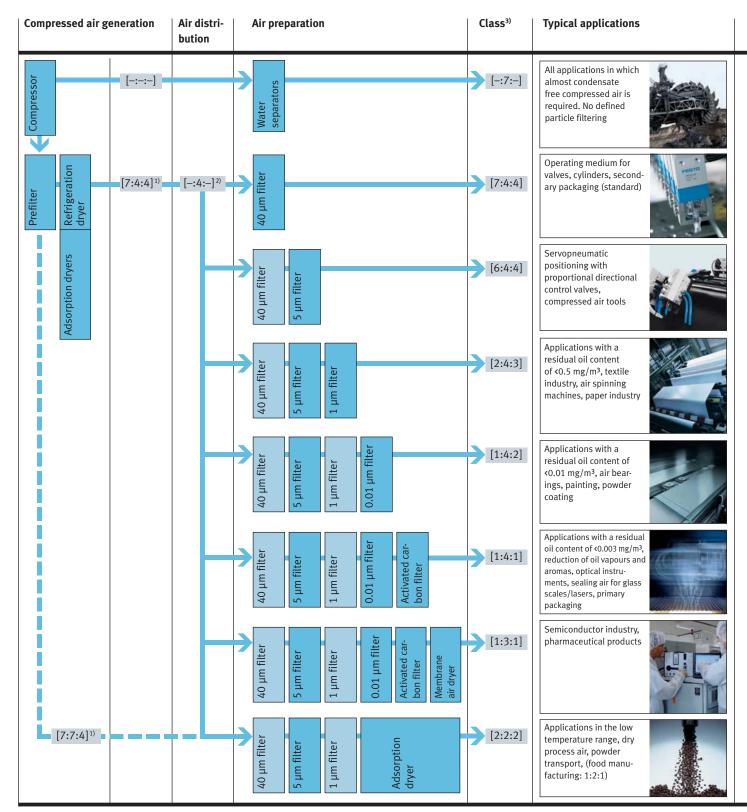
Clearly classified compressed air quality at Festo

Which compressed air quality classes are required for which applications and which products are the right ones?

The table contains recommendations from the experts at Festo, based on the limit values specified in ISO 8573-1:2010.



Designation under ISO 8573-1: [Particles:Water:Oil]

The class that can be attained by compressed air preparation depends on the quality of the compressed air downstream of the compressor. The specifications apply to typical compressed air networks and make no claim of completeness.

¹⁾ Significantly better classes are also possible with appropriate air preparation downstream of the compressor.

²⁾ Pipe systems can increase the particle content of the compressed air (chips, rust etc.), while liquid oil can be concentrated in certain parts of the compressed air distribution system. Specifications apply at normal room temperature. If parts of the compressed air network are subjected to lower temperatures, the moisture class must be selected to ensure that the pressure dew point is 10 °C below the minimum expected temperature.

³⁾ Class to ISO 8573-1:2010 at room temperature

Flow at supply pressure 10 bar, on units with regulator outlet pressure 6 bar in l/min

1,000	3,00	00	5,000	7,000	9,000	11,000	13,000	15,000	17,000	19,000	21,000	23,000	
564858 MS6-LWS	-1/2-UV-	·WB	567857 MS9-L\	7 NS-1-UV-W	Р								Í
MSB4-	MSB6-1/2:C4: C4: J1-WP			*552938 MSB9-1:C Flow rate	2:J73-WP up to 19,00	00 l/min							
*531029 *531030 MSB4- MSB6-1/2:C4: 1/4:C4: J3-WP			*552938 MSB9-1:C Flow rate	2:J71-WP up to 17,00	0 l/min								
200	40	00	600	800	1,000	2,000	3,000	4,000	5,000	6,000	7,000	8,000	
*531029 N 1/4:C4:J3: I10-WP		*5310 MSB6		:J3:l10-WP		552938 SB9-1:C2:J	71:l9-WP						
*531029 / 1/4:C4:J1: I5-WP	/4:C4:J1: MSB6-1/2:C4:J3:I5-WP MSB						2938 B9-1:C2:J71:l12-WP v rate up to 6,500 l/min						
*531029 MSB4- 1/4:C4:J1: MSB6-1/2:C4 I5:L1-WP				:J3:I5:L1-W		938 9-1:C2:J71:l12:L2-WP rate up to 6,500 l/min							
100	20	00	300	400	500	600	700	800	900	1,000			
*531029 MSB4- 1/4:C4: J1:I5:L1: G4-WP	*53103 MSB6-1		::J3:I5:L1	1:G7-WP									
552170 PDAD- 09	552 FDAD 22 22	2172 AD-	552173 PDAD-5			552174 PDAD-73		552175 PDAD-1			Note: Please orde MS6-LF-1/2 532799 MS6 addition to	-CRM and 6-MV in	

Filter

Optional filter increases the protection against overtravel and extends the service intervals.

Air dryer

40 µm and 5µm filters from Festo are equipped with an additional mechanism for separating liquids. The achievable moisture classes depend on the flow and can vary upwards and downwards

Note:
For larger flow rates than stated, individual components MS12 are available. Ask your sales engineer for the ideal combination.

^{*} The standard service units include the following components: manual on-off valve with silencer, filter regulator with manual condensate drain and wall bracket. Further components available according to the selected compressed air quality. To adapt the combinations offered by the MS series to your individual requirements, e.g. with additional distribution modules or pressure switches, you can enter and change the specified product in the product configurator.