

CENTRIFUGAL SEPARATORS UP TO 16 BAR

The centrifugal separator is an ideal initial air preparation device that is designed to remove water and oil condensate from the compressed air to provide additional drying capacity for further drying systems.

The strong compressed air spinning results in the formation of condensate that is pushed against the separator walls and flows down to the tank bottom, where it is discharged by the drain valve from.

The special separator design, including the use of the deflector plate above the tank bottom, prevents the condensate from being entrained by the centrally rising compressed air stream. To ensure correct automatic operation of the separator, it should be equipped with the mechanical or electronic condensate drain.

ASC series



THE USE OF THE CENTRIFUGAL SEPARATOR is especially recommended when the dryer is installed downstream the compressor. It provides additional drying capacity for the drying system and help in maintaining the required dew point by further devices of the installed compressed air treatment system.



Type	Flow		Connection	Dimensions				Weight
				A	B	C	D	
	m ³ /h	m ³ /min		mm	mm	mm	mm	kg
ASC 001	120	2,0	G 1/2	187	88	20	60	0,7
ASC 002	155	2,6	G 1/2	187	88	20	60	0,7
ASC 003	235	3,9	G 3/4	257	88	20	80	0,8
ASC 004	365	6,1	G 1	263	125	32	100	1,8
ASC 005	770	12,8	G 1 1/2	461	125	32	140	2,5
ASC 006	1280	21,3	G 2	684	163	43	520	5,1
ASC 007	2460	41,0	G 2	684	163	43	520	5,1
ASC 008	2850	47,5	G 3	795	240	59	630	12,9

DFC series

Type	Flow		Connection	Dimensions					Weight	
				A		B	C			D
	standard	superplus		standard	superplus					
	mm	mm				mm	mm	mm	mm	
DF-C 0120	120	2,0	G 1/2	283	407	103	234	368	115	1,6
DF-C 0210	210	3,5	G 3/4	369	493	139	322	446	180	2,7
DF-C 0320	320	5,3	G 1	369	493	139	322	446	180	2,7
DF-C 0450	450	7,5	G 1 1/2	573	697	190	510	634	250	2,9
DF-C 0750	750	12,5	G 2	573	759	190	510	722	250	2,9
DF-C 1100	1100	18,3	G 2	573	759	190	510	722	250	2,9



Accessories for DF-C series centrifugal separators

- ST standard version
– timer controlled condensate drain,
- SP superplus version
– electronic condensate level controlled drain.