

Technical data

Compressed Air Condensate Separators - GDWS Series

Separator Model	Connection Size	Flow Rate		Max. Pressure		Dimensions (mm)		Weight kg
		m ³ /min	cfm	bar	psi	W	H	
GDWS005	3/8"	0.50	18	17	250	76	175	0.6
GDWS007	1/2"	0.66	23	17	250	76	175	0.6
GDWS018	3/4"	1.8	64	17	250	98	230	1.2
GDWS040	1"	4.0	141	17	250	129	268	2.2
GDWS085	1 1/2"	8.5	300	17	250	129	268	2.1
GDWS170	2"	17.0	600	17	250	170	467	5.1
GDWS380	3"	38.0	1342	17	250	205	548	20.0
Flange Housing								
GDWS0400	DN100	40	1413	16	232	420	778	40
GDWS0500	DN125	50	1766	16	232	420	784	54
GDWS1100	DN150	110	3885	16	232	524	841	80
GDWS1750	DN175	125	4414	16	232	606	856	116
GDWS2000	DN200	200	7063	16	232	657	848	156

Compressed Air Filters - GDF Series

Filters Model	Grade	Connection Size	Flow Rate		Max. Pressure		Dimensions (mm)		Weight kg
			m ³ /min	cfm	bar	psi	W	H	
GDF005	G, H, V, P	3/8"	0.5	18	17	250	76	225	0.55
GDF007	G, H, V, P	1/2"	0.7	24	17	250	76	225	0.55
GDF013	G, H, V, P	3/4"	1.3	44	17	250	98	280	1.07
GDF018	G, H, V, P	3/4"	1.8	65	17	250	98	280	1.09
GDF025	G, H, V, P	1"	2.5	88	17	250	129	319	2.06
GDF032	G, H, V, P	1"	3.2	112	17	250	129	319	2.06
GDF038	G, H, V, P	1"	3.8	135	17	250	129	319	2.06
GDF067	G, H, V, P	1 1/2"	6.7	235	17	250	129	409	2.36
GDF082	G, H, V, P	1 1/2"	8.2	288	17	250	129	409	2.36
GDF100	G, H, V, P	2"	10.0	353	17	250	170	518	5.2
GDF0133	G, H, V, P	2"	13.3	471	17	250	170	518	5.24
GDF0167	G, H, V, P	2"	16.7	589	17	250	170	518	5.26
GDF0200	G, H, V, P	3"	20.0	706	17	250	205	600	9.31
GDF0260	G, H, V, P	3"	26.0	918	17	250	205	700	10.69
GDF0305	G, H, V, P	3"	30.5	1077	17	250	205	700	10.69
GDF0383	G, H, V, P	3"	38.3	1354	17	250	205	930	13.7
GDF0450	G, H, V, P	3"	45.0	1589	17	250	205	930	13.7
Fabricated Housing									
Filters Model	Grade	Connection Size	Flow Rate		Max. Pressure		Dimensions (mm)		Weight kg
			m ³ /min	cfm	bar	psi	W	H	
GDF0128F	G, H, V, P	DN50	12.8	453	16	232	285	500	8
GDF0220F	G, H, V, P	DN65	22.0	777	16	232	285	690	11
GDF0350F	G, H, V, P	DN80	35.0	1236	16	232	340	880	16
GDF0466F	G, H, V, P	DN100	46.7	1648	16	232	485	1264	125
GDF0700F	G, H, V, P	DN125	70.0	2472	16	232	630	1274	196
GDF0950F	G, H, V, P	DN150	95.0	3355	16	232	630	1384	210
GDF1250F	G, H, V, P	DN150	125.0	4414	16	232	676	1434	264
GDF1550F	G, H, V, P	DN150	155.0	5474	16	232	724	1503	314
GDF1833F	G, H, V, P	DN200	183.3	6474	16	232	724	1503	320
GDF2366F	G, H, V, P	DN200	236.7	8358	16	232	885	1565	530
GDF3316F	G, H, V, P	DN250	331.7	11713	16	232	950	1573	670
GDF5166F	G, H, V, P	DN300	516.7	18246	16	232	1050	1702	1083

Grade V - Activated Carbon Filtration

Oil vapor and hydrocarbon odor removal, providing a maximum remaining oil content of <0.003 mg/m³ (<0.003 ppm) @ 21°C (Precede with Grade H filter)

Grade G - General Purpose Protection

Particle removal down to 0.1 micron including coalesced liquid, water and oil, providing a maximum remaining oil aerosol content of 0.03 mg/m³ @ 21°C

Operating Limitations:

Max Operating Pressure 17.2 bar g
 Max Recommended Operating Temp 80°C (Grade G, H, P)

Grade H - High Efficiency Oil Removal Filtration

Particle removal down to 0.01 micron including water and oil aerosols, providing a maximum remaining oil aerosol content of 0.01 mg/m³ (0.01 ppm) @ 21°C (Precede with Grade G filter)

Grade P - General Purpose Dust Filtration

Dust particle removal down to 1 micron

Line Pressure	bar g	1	2	3	5	7	9	11	13	15	17
Correction Factor		0.38	0.53	0.65	0.85	1.00	1.13	1.25	1.36	1.46	1.56

To use correction factors, multiply the filter's capacity by the correction factor to get the new filter flow capacity at the non-standard operating pressure. For example, a 190 m³/h filter operating at 11 bar has a correction factor of 1.25. 1.25 x 190 = 237.5 m³/h capacity at 11 bar.