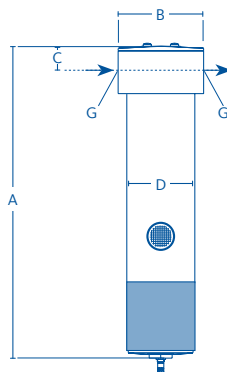




DRYPOINT® M PLUS: Membrane dryers with integrated filter



DRYPOINT®	DM 08 G19 KA-N	DM 08 G24 KA-N	DM 08 G28 KA-N	DM 08 G34 KA-N	DM 10 G34 CA-N	DM 10 G41 CA-N	DM 10 G47 CA-N	DM 20 G48 CA-N	DM 20 G53 CA-N	DM 20 G60 CA-N	DM 20 G67 CA-N	DM 40 G61 CA-N	DM 40 G75 CA-N	DM 40 G90 CA-N
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Volume flow inlet* (l/min)
at PDP-suppression from

+35 °C to +15 °C (+5 °C to -7 °C)	50	100	150	200	270	300	400	600	800	1050	1350	1650	2450	-
+35 °C to +3 °C (+5 °C to -17 °C)	32	66	100	133	181	199	266	399	532	765	910	1125	1690	2250
+35 °C to -10 °C (+5 °C to -26 °C)	23	49	74	99	139	149	198	297	396	590	700	860	1290	1720
+35 °C to -20 °C (+5 °C to -33 °C)	19	42	63	84	120	127	169	253	338	505	605	740	1110	1480
Purge air (l/min)	5	10	15	20	30	30	40	60	80	120	150	180	270	360

Dimension data

A (mm)	265	315	355	415	435	505	565	575	625	695	765	795	935	1085
B (mm)	46	46	46	46	75	75	75	100	100	100	100	146	146	146
C (mm)	27	27	27	27	28	28	28	34	34	34	34	48	48	48
D (ø mm)	45	45	45	45	60	60	60	80	80	80	80	125	125	125
G (mm) (NPT on request)	¼"	¼"	¼"	¼"	⅜"	⅜"	⅜"	¾"	¾"	¾"	¾"	1½"	1½"	1½"
Weight (kg)	0.79	0.87	0.94	1.03	1.85	2.1	2.3	3.5	3.8	4.1	4.4	9.1	10.2	11.3

* The drying capacity and pressure dew point suppression is based on an operating pressure of 7 bar [g]. | The correction factors need to be observed when the pressure is changed.

** As from May 2009, older versions see accessories

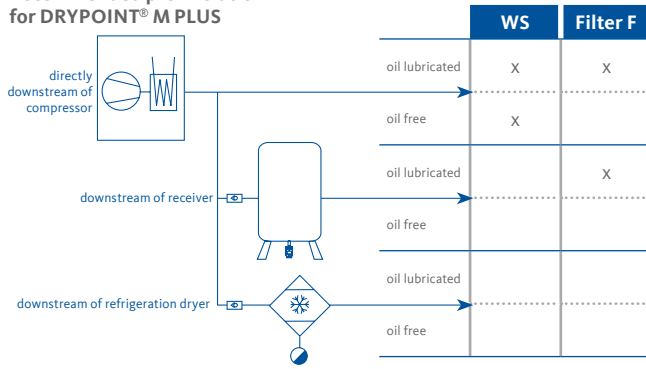
Example drying performance

DM 10G41 CA-N

PDP reduction from +35°C to	3 °C
Performance at 7 bar [g]	199 l/min
Correction Factor for 5 bar [g]	0.56
Performance at 5 bar [g]	199 l/min x 0.56 = 111.4 l/min

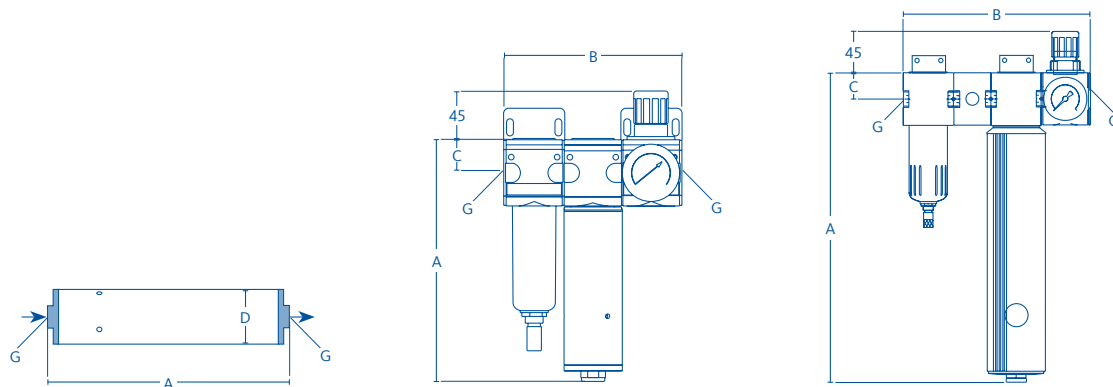
Scope of delivery	Connection fitting for filters	Wall bracket
DM 10- ... C (Type)-N	⅜" ⅜"	
DM 20- ... C (Type)-N	½" ¾"	
DM 25- ... C (Type)-N	½" ½" 1"	
DM 40- ... C (Type)-N	1" 1" 1,5"	

Recommended pre-filtration for DRYPOINT® M PLUS





DRYPOINT® M: Membrane dryers options



DRYPOINT®	Tube version				Filter + membrane dryer + pressure regulator + wall bracket				Filter + membrane dryer + pressure regulator + wall bracket			
	DM08 G14 RA	DM 08 G19 RA	DM08 G23 RA	DM 08 G29 RA	DFDR 08 G19 KA	DFDR 08 G24 KA	DFDR 08 G28KA	DFDR 08 G34 KA	DFDR 10 G34 KA	DFDR 10 G41 KA	DFDR 10 G47 KA	

Volume flow inlet* (L/min) at PDP-suppression from	DM08 G14 RA	DM 08 G19 RA	DM08 G23 RA	DM 08 G29 RA	DFDR 08 G19 KA	DFDR 08 G24 KA	DFDR 08 G28KA	DFDR 08 G34 KA	DFDR 10 G34 KA	DFDR 10 G41 KA	DFDR 10 G47 KA
+35 °C to +15 °C (+5 °C to -7 °C)	50	100	150	200	50	100	150	200	270	300	400
+35 °C to +3 °C (+5 °C to -17 °C)	32	66	100	133	32	66	100	133	181	199	266
+35 °C to -10 °C (+5 °C to -26 °C)	23	49	74	99	23	49	74	99	139	149	198
+35 °C to -20 °C (+5 °C to -33 °C)	19	42	63	84	19	42	63	84	120	127	169
Purge air (L/min)	5	10	15	20	5	10	15	20	30	30	40

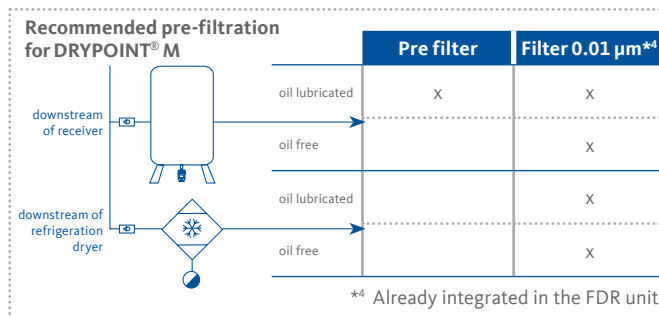
Dimension data											
A (mm)	140	190	230	290	190	240	280	340	340	410	470
B (mm)	-	-	-	-	140	140	140	140	175	175	175
C (mm)	-	-	-	-	27	27	27	27	27	27	27
D (ø mm)	45	45	45	45	-	-	-	-	-	-	-
G (NPT on request)	¼"	¼"	¼"	¼"	¼"	¼"	¼"	¼"	¾"	¾"	¾"
Weight (kg)	0.27	0.35	0.41	0.49	1.35	1.43	1.5	1.59	2.9	3.1	3.3

Operating conditions	
Medium	Compressed air
Operating conditions (Temperature, Pressure)*1	+2 ... +50 °C/4 - 12,5 bar or +2 ... +60 °C/4 - 7 bar [g]
Differential pressure*2	0,1 ... 0,3 bar
Requirements for the filtration	particles 1µm / oil aerosol < 0,01 mg/m³*3

*1 Higher pressures and temperatures on request

*2 Depending on volume flow and dryer size

*3 Already integrated in the DRYPOINT M PLUS



Correction Factor

bar [g]	4	5	6	7	8	9	10	11	12
Correction Factor	0.39	0.56	0.77	1	1.19	1.4	1.61	1.84	2.07