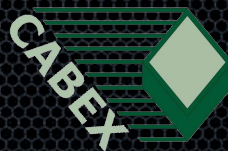


COMBINATION BLOCK VTDM SERIES



MAIN FEATURES:

The VTDM Combination Block system includes a thermostatic valve, a minimum pressure valve, supports for spin-on separators, oil filters and relative nipples, as well as extra ports to monitor pressure in the separator tank and connections to the intake valve and scavenge line. Combination blocks can be threaded or flanged on a separator tank or assembled separately. Some VTDM are also available in 'upside-down' version (with oil and air filters at the bottom position). Thermostatic units are available at different working temperatures. The oil and separator nipples are available with different sizes upon request. Filters can be supplied separately on demand. **The VTDM Combination Block are also available for Natural Gas and Water Lubricated applications.**

MAINTENANCE:

The wear-and-tear of valve components depends on compressor applications and operating parameters. Valve inspection and ordinary maintenance are recommended using VMC's original spare parts kits whose instructions are indicated in the maintenance and trouble shooting document.

TECHNICAL DATA

THREADED VERSION		VTDM15	VTDM16fl Flanged version only	VTDM29	VTDM39S	VTDM39	VTD2M45	VTD3M50fl Flanged version only
Air Flow rate	m ³ /min - cfm	1,5 - 53	1,5 - 53	2 - 70,6	3 - 106	5,5 - 194,2	13 - 459	19,5 - 670,9
Oil Flow rate	Lt/min - gal/min	45 - 11,9	45 - 11,9	45 - 11,9	80 - 21,15	80 - 21,15	180 - 47,5	180 - 47,5
Oil Inlet/Outlet		Rp 1/2"	Rp 3/8"	Rp 1/2"	Rp 3/4"		Rp 1 1/4"	Rp 1 1/4"
Air Inlet		Rp 1"	Ø60 - 2,36	Rp 1"	Rp 1 1/4"		Ø 65 - 2,56	Ø 125 - 4,92
Air outlet		Rp 1/2"	Rp 1/2"	Rp 1"	Rp 1"	Rp 1 1/4"	Ø 37 - 1,45	Rp 2"
Oil nipple Size		3/4"-16 UNF	3/4"-16 UNF	3/4"-16 UNF	G 3/4"		G 1 1/4"	G 1 1/4"
		G 3/4"	G 3/4"	G 3/4"	1"-12 UNF		1 1/2"-16 UNF	1 1/2"-16 UNF
Separator Nipple Size		1"-12 UNF	1"-12 UNF	1"-12 UNF				
		M 22x1,5	M 22x1,5	M 22x1,5	M 32x1,5		M 32x1,5 No.2	M 32x1,5 No.3
		M 24x1,5	M 24x1,5	M 24x1,5	M 39x1,5		M 39x1,5 No.2	M 39x1,5 No.3
Thermostat Temperature	°C - °F	Three thermostat temperatures available: 55-70 or 71-85 or 83-95; 131-158 or 159,8-185 or 181,4-203						
Materials		Housing in anodized Aluminium alloy. Inside parts in Brass, stainless steel and Viton seaqlings.						
A1	mm - inch	60 - 2,36	57 - 2,24	60 - 2,36	61 - 2,4		80 - 3,15	95 - 3,74
A	mm - inch	152 - 3,15	230 - 9	232 - 9,13	192 - 7,56		213 - 8,38	230 - 9
B	mm - inch	80 - 3,15	138 - 5,43	87 - 3,42	120 - 4,72		354 - 13,93	353 - 13,9
C1	mm - inch	241 - 9,49	196 - 7,7	263 - 10,35	294 - 11,57	315 - 12,4	325 - 12,8	415 - 16,33

THREADED VERSION		VTDM15fl	VTDM16fl	VTDM29fl	VTDM39Sfl	VTDM39fl	VTD2M45fl	VTD3M50fl
X	mm - inch	Ø 29 - 1,14	Ø 60 - 2,36	Ø 28 - 1,1	Ø 35 - 1,37		Ø 65 - 2,56	Ø 125 - 4,92
I	mm - inch	42,4 - 1,67	See below	40 - 1,57	42,4 - 1,67		Ø 125 - 4,92	Ø 180 - 7,08
Holes	mm - inch	N°4 x Ø 8,5 N°4 x Ø 0,33	No. 6 x Ø 11 N°6 x Ø 0,43	No. 4 x Ø 8,5 N° 4 x Ø 0,33	No. 4 x Ø 8,5 N°4 x Ø 0,33		N°4 x Ø12,5 N°4 x Ø 0,49	No. 8 x M16
Weight	kg - lb	2,6 - 5,73	2,6 - 5,73	2,4 - 5,29	3,9 - 8,6	4,2 - 9,26	7,5 - 16,53	11,5 - 25,35

Attention: The drawing below is not suitable for all models. Please log on to our website for specific drawings.

