

COMBINATION BLOCK VDM SERIES



MAIN FEATURES:

The VDM Combination Block system includes a minimum pressure valve, supports for spin-on separators 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 VDM are also available in 'upside-down' version (with oil and air filters at the bottom position). The separator nipples are available with different sizes upon request. Filters can be supplied separately on demand.

The VDM Combination Block is 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		VDM15	VDM28	VDM39S	VDM39	VD2M40	VD3M50	VD4M60
Air Flow rate	m ³ /min-cfm	1,5 - 53	2 - 70,6	3 - 106	5,5 - 194,2	13 - 459	19,5 - 688,6	26 - 918,1
Air Inlet size		Rp1"	Rp1"	Rp 1-1/4"	Rp 1-1/4"	Rp 1-1/2"	Ø125 - Ø4,92	Ø90 - Ø3,54
Air Outlet size		Rp1/2"	Rp1"	Rp1"	Rp 1-1/4"	Ø37 - Ø1,45	2"	Ø90 - Ø3,54
Separator		M 22x1,5	M 22x1,5	M 32x1,5	M 32x1,5	M 32x1,5	M 32x1,5	M 32x1,5
Nipple Size		M 24x1,5	M 24x1,5	M 39x1,5	M 39x1,5	M 39x1,5	M 39x1,5	M 39x1,5
Materials	Housing in anodized Aluminium alloy. Inside parts in Brass, stainless steel and Viton sealings.							
A	mm-inch	58 - 2,28	58 - 2,28	60 - 2,36	60 - 2,36	73,5 - 2,9	See below	See below
A1	mm-inch	152 - 5,98	232 - 9,13	191 - 7,52	191 - 7,52	204 - 8		
B	mm-inch	80 - 3,15	80 - 3,15	120 - 4,72	120 - 4,72	221 - 12,5		
C1	mm-inch	126 - 4,96	194 - 7,63	194 - 7,63	217 - 8,54	317 - 12,5		
Flanged Version		VDM15fl	VDM28fl	VDM39Sfl	VDM39fl	VD2M40fl	VD3M50	VD4M60
X	mm-inch	30,5 - 1,2	28 - 1,1	35 - 1,37	35 - 1,37	45 - 1,77	See below	See below
IE1	mm-inch	31,5 - 1,24	42,4 - 1,67	42,4 - 1,67	53 - 2,09	208 - 8,18		
IE2	mm-inch	39 - 1,54	42,4 - 1,67	42,4 - 1,67	62 - 2,44	52,5 - 2,07		
IE3	mm-inch	31,5 - 1,24	42,4 - 1,67	42,4 - 1,67	42,4 - 1,67	116 - 4,56		
Holes	mm	Nr. 4 x Ø8,5	Nr. 4 x Ø8,5	Nr. 4 x Ø8,5	Nr. 4 x Ø10	Nr. 4 x Ø12,5		
	inch	Nr. 4 x Ø0,33	Nr. 4 x Ø0,33	Nr. 4 x Ø0,33	Nr. 4 x Ø0,39	Nr. 4 x Ø0,49		
Weight	kg-lb	2,6 - 5,73	3,1 - 6,83	3,9 - 8,6	4,2 - 9,25	4,6 - 10,14	8,9 - 19,6	16,2 - 35,7

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

