



Atlas Copco DZM Series

Technical Specifications

	Number of integrated pumps	Nominal displacement		Ultimate vacuum Level		
		m ³ /h @50Hz grid**	cfm @60Hz grid***	mbar	hgv	Torr
DZM 600 VSD+	2	604	383	150	25.5	112.5
DZM 900 VSD+	3	874	569	150	25.5	112.5
DZM 1200 VSD+	4	1143	755	150	25.5	112.5

	Permissible ambient temperature range		Inlet connection size	Exhaust connection size	Shaft power minimum / maximum	
	°C	°F	Flange	Flange	kW	hp
DZM 600 VSD+	0 - 40	32 - 105	DN80	DN80	1,5 - 15,9	2,0 - 25,2
DZM 900 VSD+	0 - 40	32 - 105	DN100	DN100	1,5 - 22,0	2,0 - 37,3
DZM 1200 VSD+	0 - 40	32 - 105	DN100	DN100	1,5 - 28,4	2,0 - 49,7

*US 60Hz Versions supplied with ANSI adaptor flanges.

Figures based on 50Hz operation, 400 V.

**Figures based on lead pump with 20 to 60Hz operation, subsequent pumps operating at 50Hz, 400 V.

***Figures based on lead pump with 20 to 60Hz operation, subsequent pumps operating at 60Hz.

Pumping speed based on air at 20°C. Tolerance +/-10%.

Shaft power based on one pump at minimum speed 1200rpm and maximum power achieved when lead pump is at 60Hz operation and lag pumps at 50Hz.





PROVAC

SALES

PHONE: 831-462-8900

FAX: 831-462-3536

WWW.PROVAC.COM

Atlas Copco DZM Series Features & Benefits

- complete multi-claw vacuum pumping system in a box
- designed to meet larger process demands with a central vacuum
- simple plug & play concept
- oil-free pumping chamber
- controlled by a single intuitive HMI
- built-in corrosion resistance with stainless steel claws
- easily accessible pumping chamber for cleaning without accessing the gearbox and disturbing the timing
- multi-vacuum pump controllers allow for start/stop & control of multiple vacuum pumps simultaneously
- modular design allows flexibility & efficiency in terms of maintenance & life cycle costs
- low noise levels

Applications

- woodworking • product handling • food processing • filtration • CNC routing • hospital central systems • pneumatic conveying • packaging lines • moulding machines • drying processes • central vacuum supply systems

Dimensions

	Length		Width		Height		Weight	
	mm	in	mm	in	mm	in	kg	lbs
DZM 600 VSD	1420	56	905	36	1980	78	800	1764
DZM 900 VSD	1420	56	1590	62	1980	78	1400	3086
DZM 1200 VSD	1420	56	1590	62	1980	78	1800	3968

Dimensional tolerances +/- 10mm / 0.4"

Weight tolerances (oil included) +/- 20kg/44lbs