

# INVERTER COMPRESSOR SPECIFICATION

PM Motor IE4  
Increase efficiency 6-7%



Machine Model	Max Working Pressure	EAV 08AP	EAV 11AP	EAV 15AP	EAV 18AP	EAV 22AP	EAV 30AP	EAV 37AP	EAV 45AP	EAV 55AP	EAV 75AP				
Compressor	AIR Delivery (m <sup>3</sup> /min)	8kgf/cm <sup>2</sup>	0.3-1.2	0.5-1.8	0.8-2.5	0.9-3.1	1.2-3.8	1.6-5.2	2.1-6.9	2.4-8.0	3.0-9.8	5.3-13.2			
		10kgf/cm <sup>2</sup>	0.3-1.0	0.4-1.4	0.6-2.1	0.8-2.5	1.1-3.0	1.2-3.8	1.5-4.8	2.1-6.6	2.4-7.8	3.8-9.5			
		13kgf/cm <sup>2</sup>	0.3-0.9	0.4-1.2	0.5-1.8	0.6-2.1	0.9-2.8	1.1-3.5	1.4-4.6	2.1-6.0	2.0-6.5	3.6-9.0			
	Outlet Temperature (C°)	+15°C													
	Outlet Pipe Diameter (inch)	3/4	1	1	1-1/4	1	1-1/4	1-1/2	1-1/4	1-1/2	2	1-1/2	2	2	
	Transmission Method	-													
	Lubricant Requirement (L)	10	10	18	10	18	18	18	24	18	24	40	24	40	60
	Ventilation Method	25-100% / 25-100% automatical control, constant pressure output													
	Oil Content (ppm)	≤ 3													
	Concuss (mm/s)	≤ 7													
Max Working Ambient Temperature (C°)	45°C														
Electric Motor	Power (kW)	7.5	11	15	18.5	22	30	37	45	55	75				
	Starting Method														
	Voltage	380V/50Hz													
	Protection Level	IP65													
Cooler	Cooling Type	Air-cooled													
	Control Method														
	Fan Power (kW)	0.18	0.18	0.25	0.18	0.25	0.37	0.75	0.37	0.75	1.5	1.3	1.5	2.2	
	Fan Air Volume (m <sup>3</sup> /min)	32.5	32.5	50	32.5	50	75	125	75	120	194	185	194	230	
Safety Indicating Device		Safety Valve / Exhaust High Temperature Protection / Exhaust High Pressure Protection / Over Current Protection / Less Phase Protection / Reversed Phase Protection													
		Air Filter / Oil Filter / Oil-Gas Separator / Lubricated Oil													
		Digital Temperature / Pressure Display Controller / Fully Automatic Operation / Stop Controller Multi-Machine Interconnection Controller (Optional) / Central Monitoring Extension Function (Optional)													
Noise (db)		65	65	68	68	68	68	68	68	72	72	72	72	75	75
Weight (kg)		190	285	300	350	370	560	480	560	620	1150	1200			
External Dimension	Length (mm)	960	1100	1100	1150	1150	1300	1300	1300	1850	2300				
	Width (mm)	560	690	690	1100	1100	1150	1150	1150	1400	1600				
	Height (mm)	800	915	915	1300	1300	1500	1500	1500	1600	1700				