

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 ³ /min)	7.5kgf/cm ²	0.34-1.20	0.45-1.79	0.66-2.58	0.76-3.10	1.00-3.75	1.37-5.38	1.63-6.51	2.10-8.40	2.75-11.0	3.45-13.80				
		8.5kgf/cm ²	0.32-1.10	0.42-1.66	0.61-2.35	0.74-2.90	0.87-3.50	1.34-5.00	1.60-6.41	1.97-7.80	2.58-10.30	3.25-13.00				
		10.5kgf/cm ²	0.26-1.02	0.37-1.49	0.52-2.08	0.63-2.52	0.74-2.94	1.10-4.41	1.34-5.36	1.73-6.93	2.18-8.70	2.88-11.50				
		12.5kgf/cm ²	0.22-0.86	0.30-1.21	0.42-1.80	0.53-2.10	0.61-2.42	0.87-3.47	1.16-4.62	1.55-6.00	2.00-8.00	2.55-10.60				
	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	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 ³ /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)	260	320	330	325	450	400	510	580	520	650	1300	800	1500	1800	1650	
External Dimension	Length (mm)	650	800	800	800	900	800	900	1000	900	1000	1350	1000	1350	1350	1350
	Width (mm)	650	800	800	800	800	800	800	900	800	900	1100	900	1100	1100	1100
	Height (mm)	1100	1250	1350	1250	1350	1350	1350	1500	1350	1500	1500	1500	1500	1500	1500