

# PA-SERIES

## Vfd / Vsd / Inverter + Permanent Magnet Motor

Max Energy Saving - State-Of-The-Art Inverter

Max 13 Bar Max 55 kW Adjustable rpm

### PA07-PA55

TECHNICAL PARAMETERS

Model		PA07	PA11	PA15	PA18.5	PA22
Free Air Delivery (m3/min)	08 bar	1.41	1.99	2.75	3.34	3.81
	10 bar	1.17	1.73	2.24	2.69	3.26
	13 bar	0.96	1.35	1.88	2.28	2.60
Electric Motor Power (kW)		7.5	11	15	18.5	22
Rotational Speed (r.p.m)		1500	1500	1500	1500	1500
Power Supply (V/Ph)		380~400/3	380~400/3	380~400/3	380~400/3	380~400/3
Frequency (Hz)		100	100	100	100	100
Electric Starting		Inverter Drive	Inverter Drive	Inverter Drive	Inverter Drive	Inverter Drive
Electric Motor Efficiency		IE4	IE4	IE4	IE4	IE4
Insulation Class		F	F	F	F	F
Enclosure Class		IP55	IP55	IP55	IP55	IP55
Service Factor		1.2	1.2	1.2	1.2	1.2
Drive Method		Direct	Direct	Direct	Direct	Direct
Oil Carryover (ppm)		≤3	≤3	≤3	≤3	≤3
Oil System Capacity (L)		3.5	3.5	10	10	10
Ambient Temperature (°C)		0-45	0-45	0-45	0-45	0-45
Relative Humidity (%)		0-90	0-90	0-90	0-90	0-90
Air Outlet Size (RP)		3/4	3/4	1	1	1
Dimensions (mm)	Length	1175	1175	1450	1450	1450
	Width	490	490	552	552	610
	Height	755	755	890	890	890
Weight (kg)		165	180	305	310	320

### PA07-PA55

TECHNICAL PARAMETERS

Model		PA30	PA37	PA45	PA55
Free Air Delivery (m3/min)	08 bar	5.68	6.9	8.37	9.14
	10 bar	4.72	5.74	7.1	9.03
	13 bar	3.71	4.77	5.92	7.11
Electric Motor Power (kW)		30	37	45	55
Rotational Speed (r.p.m)		1500	1500	1500	1500
Power Supply (V/Ph)		380~400/3	380~400/3	380~400/3	380~400/3
Frequency (Hz)		100	100	100	100
Electric Starting		Inverter Drive	Inverter Drive	Inverter Drive	Inverter Drive
Electric Motor Efficiency		IE4	IE4	IE4	IE4
Insulation Class		F	F	F	F
Enclosure Class		IP55	IP55	IP55	IP55
Service Factor		1.2	1.2	1.2	1.2
Drive Method		Direct	Direct	Direct	Direct
Oil Carryover (ppm)		≤3	≤3	≤3	≤3
Oil System Capacity (L)		19	19	19	19
Ambient Temperature (°C)		0-45	0-45	0-45	0-45
Relative Humidity (%)		0-90	0-90	0-90	0-90
Air Outlet Size (RP)		1 1/2	1 1/2	1 1/2	2
Dimensions (mm)	Length	5.68	6.9	8.37	9.14
	Width	4.72	5.74	7.1	9.03
	Height	3.71	4.77	5.92	7.11
Weight (kg)		620	630	650	720

# PB-SERIES

## Vfd / Vsd / Inverter + Permanent Magnet Motor

Super Silent - Dust & Rain Proof - Indoor Design

Max 13 Bar Max 55 kW Adjustable rpm

### PB07-PB22

TECHNICAL PARAMETERS

Model		PB07	PB11	PB15	PB18.5	PB22
Free Air Delivery (m3/min)	08 bar	1.41	1.96	2.71	3.29	3.76
	10 bar	1.17	1.71	2.21	2.65	3.21
	13 bar	0.96	1.33	1.85	2.25	2.56
Electric Motor Power (kW)		7.5	11	15	18.5	22
Rotational Speed (r.p.m)		1500	1500	1500	1500	1500
Power Supply (V/Ph)		380~400/3	380~400/3	380~400/3	380~400/3	380~400/3
Frequency (Hz)		100	100	100	100	100
Electric Starting		Inverter Drive	Inverter Drive	Inverter Drive	Inverter Drive	Inverter Drive
Electric Motor Efficiency		IE4	IE4	IE4	IE4	IE4
Insulation Class		F	F	F	F	F
Enclosure Class		IP55	IP55	IP55	IP55	IP55
Service Factor		1.2	1.2	1.2	1.2	1.2
Drive Method		Direct	Direct	Direct	Direct	Direct
Oil Carryover (ppm)		≤3	≤3	≤3	≤3	≤3
Oil System Capacity (L)		3.5	3.5	10	10	10
Ambient Temperature (°C)		0-45	0-45	0-45	0-45	0-45
Relative Humidity (%)		0-90	0-90	0-90	0-90	0-90
Air Outlet Size (RP)		3/4	3/4	1	1	1
Dimensions (mm)	Length	1175	1175	1510	1510	1510
	Width	480	480	800	800	800
	Height	755	755	1200	1200	1200
Weight (kg)		165	180	445	450	460

### PB30-PB55

TECHNICAL PARAMETERS

Model		PB30	PB37	PB45	PB55
Free Air Delivery (m3/min)	08 bar	5.68	6.9	8.37	9.14
	10 bar	4.72	5.74	7.1	9.03
	13 bar	3.71	4.77	5.92	7.11
Electric Motor Power (kW)		30	37	45	55
Rotational Speed (r.p.m)		1500	1500	1500	1500
Power Supply (V/Ph)		380~400/3	380~400/3	380~400/3	380~400/3
Frequency (Hz)		100	100	100	100
Electric Starting		Inverter Drive	Inverter Drive	Inverter Drive	Inverter Drive
Electric Motor Efficiency		IE4	IE4	IE4	IE4
Insulation Class		F	F	F	F
Enclosure Class		IP55	IP55	IP55	IP55
Service Factor		1.2	1.2	1.2	1.2
Drive Method		Direct	Direct	Direct	Direct
Oil Carryover (ppm)		≤3	≤3	≤3	≤3
Oil System Capacity (L)		19	19	19	19
Ambient Temperature (°C)		0-45	0-45	0-45	0-45
Relative Humidity (%)		0-90	0-90	0-90	0-90
Air Outlet Size (RP)		1 1/2	1 1/2	1 1/2	2
Dimensions (mm)	Length	1830	1830	1830	1830
	Width	960	960	960	960
	Height	1670	1670	1670	1670
Axial Fan (mm)	Height	1195	1195	1195	1195
Weight (kg)		800	830	940	990