



Electric Motor

- IE3 efficiency-class electric motors
- Special loadless start system and automatic discharge system for loadless start
- Long life with low RPM thanks to 6 pole feature



Compressor Block

- Water jacketed cast iron cylinders and heads
- Specially designed high-speed stainless steel concentric valves
- High-strength cast iron crankcase
- Dynamically balanced high-strength forged steel crankshaft
- Special aluminium alloy pistons and forged steel connecting rods

Model	Working Pressure		Capacity		Motor HP/kW	Connection	Dimensions (in)			Weight lbs
	psi	bar	cfm	m³/min			Length	Width	Height	
PET Master 50	580	40	127	3,6	50/37	1 1/4" NPT	144	66	94	12125
PET Master 75	580	40	194	5,5	75/55	1 1/4" NPT	144	66	94	12125
PET Master 100	580	40	261	7,4	100/75	1 1/4" NPT	133	95	95	14330
PET Master 125	580	40	321	9,1	125/90	1 1/4" NPT	133	95	95	14330
PET Master 150	580	40	410	11,6	150/110	2" NPT	165	78	110	16534
PET Master 180	580	40	477	13,5	180/132	2" NPT	165	78	110	16534
PET Master 220	580	40	579	16,4	220/160	2" NPT	165	78	110	17196
PET Master 270	580	40	752	21,3	270/200	2" NPT	167	87	112	20282
PET Master 300	580	40	812	23	300/220	2" NPT	167	87	112	20282

Model	Working Pressure		Capacity				Motor HP/kW	Connection	Dimensions (in.)			Weight lbs
	psi	bar	Minimum cfm	Minimum m³/min	Maximum cfm	Maximum m³/min			Length	Width	Height	
PET Master 75 VSD	580	40	145	4,1	194	5,5	75/55	1 1/4" NPT	144	66	94	12345
PET Master 125 VSD	580	40	240	6,8	321	9,1	125/90	1 1/4" NPT	133	95	95	14660
PET Master 180 VSD	580	40	357	10,1	477	13,5	180/132	2" NPT	165	78	110	17085
PET Master 220 VSD	580	40	434	12,3	579	16,4	220/160	2" NPT	165	78	110	17635
PET Master 300 VSD	580	40	611	17,3	812	23	300/220	2" NPT	167	87	112	20945

- Unit performances measured in reference conditions which are 1 bar absolute air Pressure, 0% relative humidity, 20°C inlet air temperature, 71°C thermostatic valve set temperature and use of Smartoil.
- Hertz reserves its rights to make changes in its products and specifications without prior notice.