

PET Reciprocating

Ingersoll Rand PETStar® 4 reciprocating air compressors offer durability and reliability combined with four-stage energy savings. Standard PET reciprocating compressors feature three-stage compression. Ingersoll Rand maximizes efficiency with four stages of compression, which significantly increases efficiency over three-stage designs. Combined with industrial grade components and double-acting cast iron cylinders, PETStar® 4 compressors provide supreme durability that reduces maintenance requirements and lowers lifecycle costs.

Features

- Three-step capacity control (0%-50%-100%) matches energy consumption with demand
- Advanced Xe-Series compressor controller proactively monitors critical parameters to ensure efficient operation
- IP-55 TEFC motor with star-delta starter for energy efficient starting
- Non-lubricated 100% oil-free water-cooled design
- Four-stage balanced, opposed layout reduces unwanted vibration
- Double-acting pistons with heavy-duty Class 40 cast iron cylinder construction
- Piston rings and packing rated for 16,000 hours
- Protective features such as rod drop position wear indicators available



Model Specifications

ModelName	Flow (m ³ hr / cfm)	Height (cm / in)	Width (cm / in)	Length (cm / in)	Rated Pressure (barg / psig)	Nominal Power (kW / hp)	Weight (kg / lbs)
PS4-1500	1,560 / 918	2.9 / 115	2.6 / 90	6.7 / 270	40 / 580	242 / 350	21,500 / 47,700
PS4-1700	1,762 / 1,037	2.9 / 115	2.6 / 90	6.7 / 270	40 / 580	262 / 350	21,800 / 48,000
PS4-1900	1,964 / 1,156	2.9 / 115	2.6 / 90	6.7 / 270	40 / 580	298 / 400	22,000 / 48,300
PS4-2100	2,187 / 1,287	2.9 / 115	2.6 / 90	6.7 / 270	40 / 580	336 / 450	22,200 / 48,700
PS4-2300	2,046 / 1,416	3.0 / 119	2.7 / 107	6.7 / 270	40 / 580	373 / 500	22,650 / 49,600
PS4-2500	2,607 / 1,534	3.0 / 119	2.7 / 107	6.7 / 270	40 / 580	361 / 525	23,000 / 50,700
PS4-2800	2,911 / 1,713	3.0 / 119	2.7 / 107	6.7 / 270	40 / 580	447 / 600	23,200 / 51,000
PS4-3000	3,111 / 1,831	3.0 / 119	2.7 / 107	6.7 / 270	40 / 580	485 / 650	23,300 / 51,300
PS4-3300	3,438 / 2,023	3.0 / 119	2.7 / 107	6.7 / 270	40 / 580	525 / 725	23,900 / 52,500



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