

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 (m3hr / 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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