

JUN-AIR®

86/87R Series Systems

Oil-Less Rocking Piston

Compressor Systems

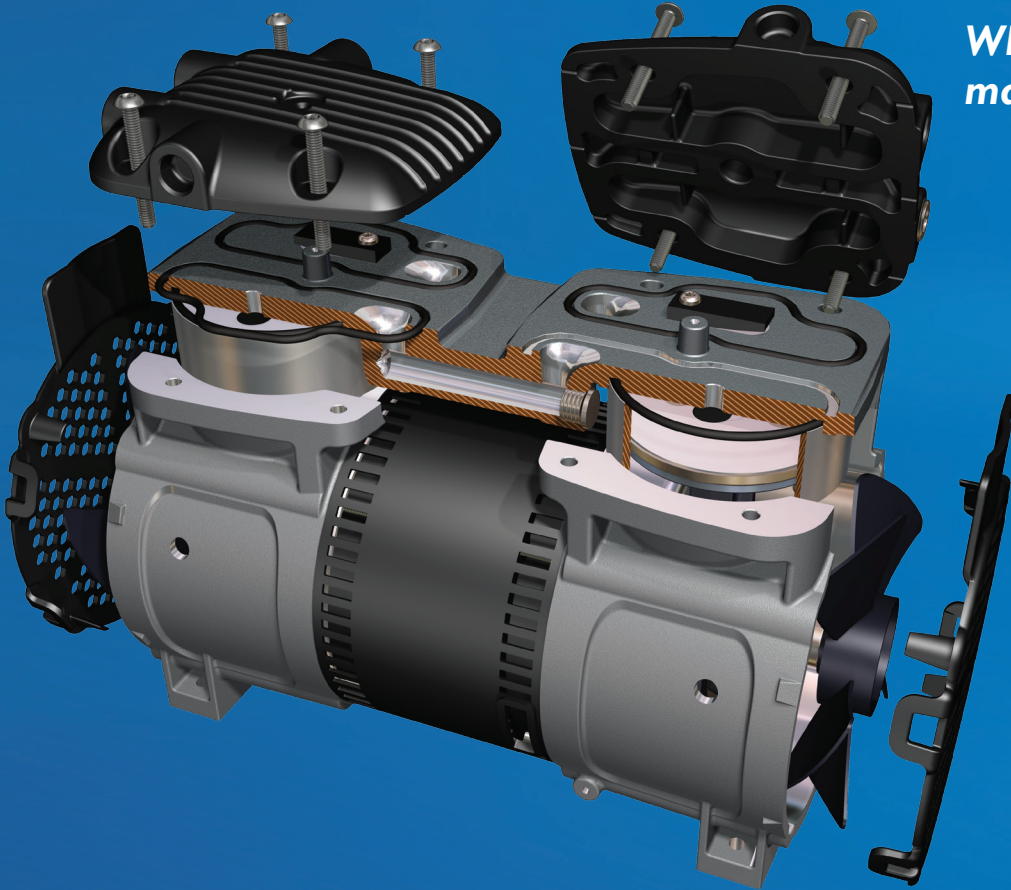
Quietly setting the new
standard in dependable
oil-free air



clean, quiet, & reliable

air

Setting the new standard in clean and



**What you don't see
makes a big difference too.**

- Twin domed heads
- Thicker valve plate increases strength
- Full metal body increases overall strength
- Twin seals allow higher pressure and less noise
- Patent-pending crossover-chamber reduces sound through the dissipation of sound energy
- Slope head design aids airflow and increases velocity

The new JUN-AIR 86/87R oil-less rocking piston compressors Systems are quieter, more durable and fit virtually any application.

The 87/87R System incorporates the latest Gast compressor technology into a JUN-AIR system which provides the best in class reliability, quality and performance.

The 86/87R air compressor System was designed with quiet operation in mind but it is also capable of running at a 100% duty cycle to provide oil free air on a continuous basis for high demand applications such as analytical instruments, medical systems, food and beverage equipment, graphic arts solutions and many more.

The new JUN-AIR



Quiet air compressors

Designed to perform. Built to last

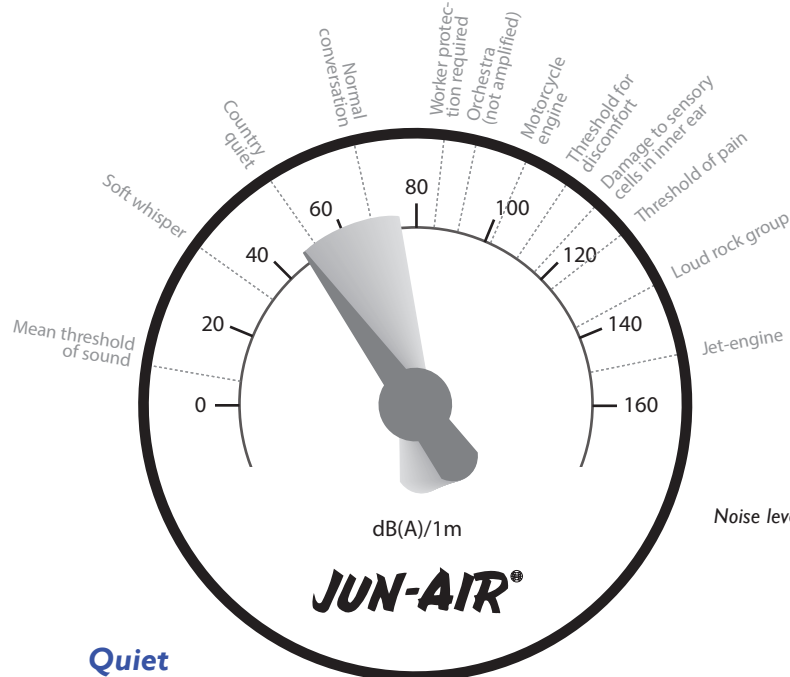
Compressor cooling, optimized seal to cylinder geometry, new seal blend material and use of advanced bearings are some of the steps we took to increase the lifetime of our compressor. At the same time the 86/87R System is capable of operating at up to 120psi (or 8 bar) continuously, and has a built in unloader valve on the pressure switch along with biased internal reed valves to allow for start-up against pressure

Continuous clean air

The 86/87R system incorporates a double air filtration scheme, with a 50 µm intake filter on the compressor and a 5 µm filter regulator for supply air leaving the tank. JUN-AIR also has the option to reduce the supply air micron rating as low as 0.01 µm if required for specific applications.

Easy to install – ready to use

The air compressor was designed with space constraints in mind, making it easily integrated into most applications. Open models are fitted with a handle which also helps to protect the motor from external damages during installation and operation. Cabinet models are equipped with casters for easy and convenient mobility



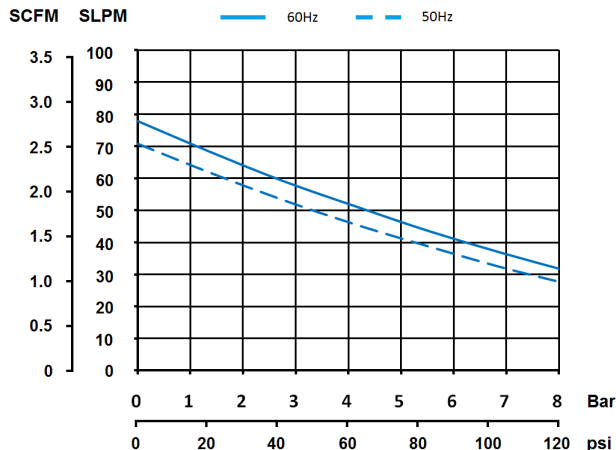
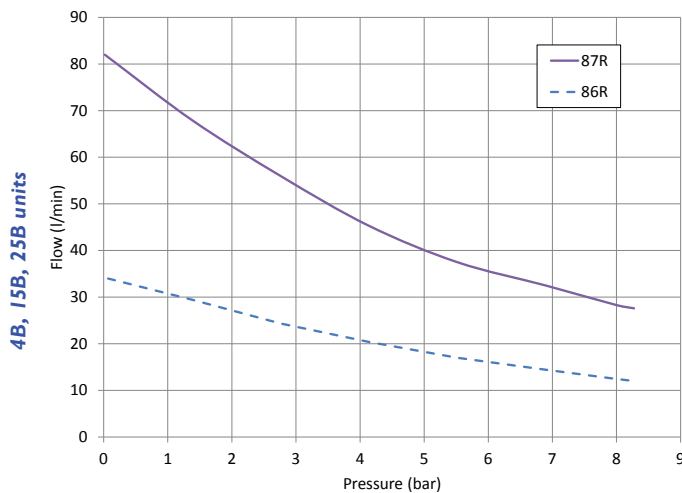
Quiet

The newest compressor technology is used in the 86/87R System enabling to deliver quieter performance. Its integrated head baffles and varying diameter cross-over ports alter the internal air velocity which disrupts and dissipates sound energy leading to an overall sound pressure level as low as 48 decibels across the operating range of the system. The intake filter was incorporated to minimize noise while producing negligible flow restrictions to the system.

86/87R Series Systems

Model		86R-4B	87R-4B	87R-15B	87R-25B	87R-4P
Voltage	V	1x120	1x120	1x120	1x120	1x120
Frequency	Hz	60	60	60	60	60
Motor	HP	1/3	1/2	1/2	1/2	.87
Displacement	CFM	1.41	3.2	3.2	3.2	2.75
Air flow @ 120 PSI	CFM	0.53	1.2	1.2	1.2	1.1
Max. pressure	PSI	120	120	120	120	120
Max. current	A	2.1	5.7	5.7	5.7	5.3
Receiver volume	Gallons	1.1	1.1	4.0	6.6	1.1
Noise level @ 1m	dB(A)	58	63	63	63	48
Weight	lbs	34.4	40	61	70	65
Dimensions (l x w x h)	in	15.9 x 12.0 x 13.3	15.9 x 12.0 x 13.3	15.3 x 15.0 x 21.6	15 x 17.5 x 24.4	16 x 19.5 x 17.3

50 Hz Pneumatic Performance



Standard equipment and features:

- oil free rocking piston compressor motor
- 100% duty cycle
- >10000 hours piston seal life
- built-in thermal protection
- safety relief valve
- 50µm air intake filter
- 5µm filter regulator with automatic drain
- receiver and outlet pressure gauges
- carrying handle protecting the motor*
- corrosion resistant powder coated receiver
- shut-off valve on receiver outlet*
- manual drain valve on receiver*
- biased valves and unloader valve for easy restart

Additional equipment on 87R-4P model only:

- sound attenuating cabinet
- run hour counter with service indication
- receiver and filter auto-drain
- condensate evaporation tray
- casters and rubber feet

Options and accessories

- automatic drain valve*
- drain bottle*
- 0.01µm filter
- 230V / 50 Hz capability

Regulatory Compliance

- UL1450 / CSA
- RoHS

* excludes 87R-4P unit

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