



Quincy QSF



QUINCY QSF SERIES
ROTARY SCREW
AIR COMPRESSORS
50-150 HP



QUINCY QSF SERIES

LONG RUN ADVANTAGE

The Quincy QSF is built for the long run. Everything from our superior machining capability, to our precision quality control measurement techniques, and our state-of-the-art rotor profile ensures Quincy reliability.

Time tested tapered roller bearings support each rotor on the discharge end, with cylindrical roller bearings on the inlet end, giving the Quincy QSF a 100,000+ hour life expectancy. The QSF also features a triple lip seal on the drive shaft that prevents fluid from escaping the airend, and an internal scavenge between the seals that carries any migrating fluid back to the airend. This redundant seal system adds up to lower maintenance costs and years of performance.

SOUND INVESTMENT

The Quincy QSF employs standard drive motors with a NEMA C-face mount for permanent alignment of the drive coupling. When combined with the optional enclosure, sound levels can be as low as 74dBA. Hinged enclosure panels allow for convenient maintenance and easy access to service components.

ENHANCED CAPABILITIES

When it comes to accommodating even the most demanding conditions, the Quincy QSF is second to none. Operating temperatures in compressor rooms are usually hot. This is why we designed the QSF with oversized fluid coolers and aftercoolers – allowing the enclosed compressor to operate efficiently in high ambient temperatures.

The Quincy QSF includes a heavy-duty inlet filter that prevents particles as small as three microns from contaminating the air and fluid

system. This means less maintenance and longer compressor service life.

If heating costs are a concern, over 92% of the BTUs generated from the Quincy QSF are recoverable in the form of heated discharge air across the coolers. The Quincy QSF is easily adaptable to heat recovery ducting, providing an energy saving heat alternative during the winter months.

PROVEN DEPENDABILITY

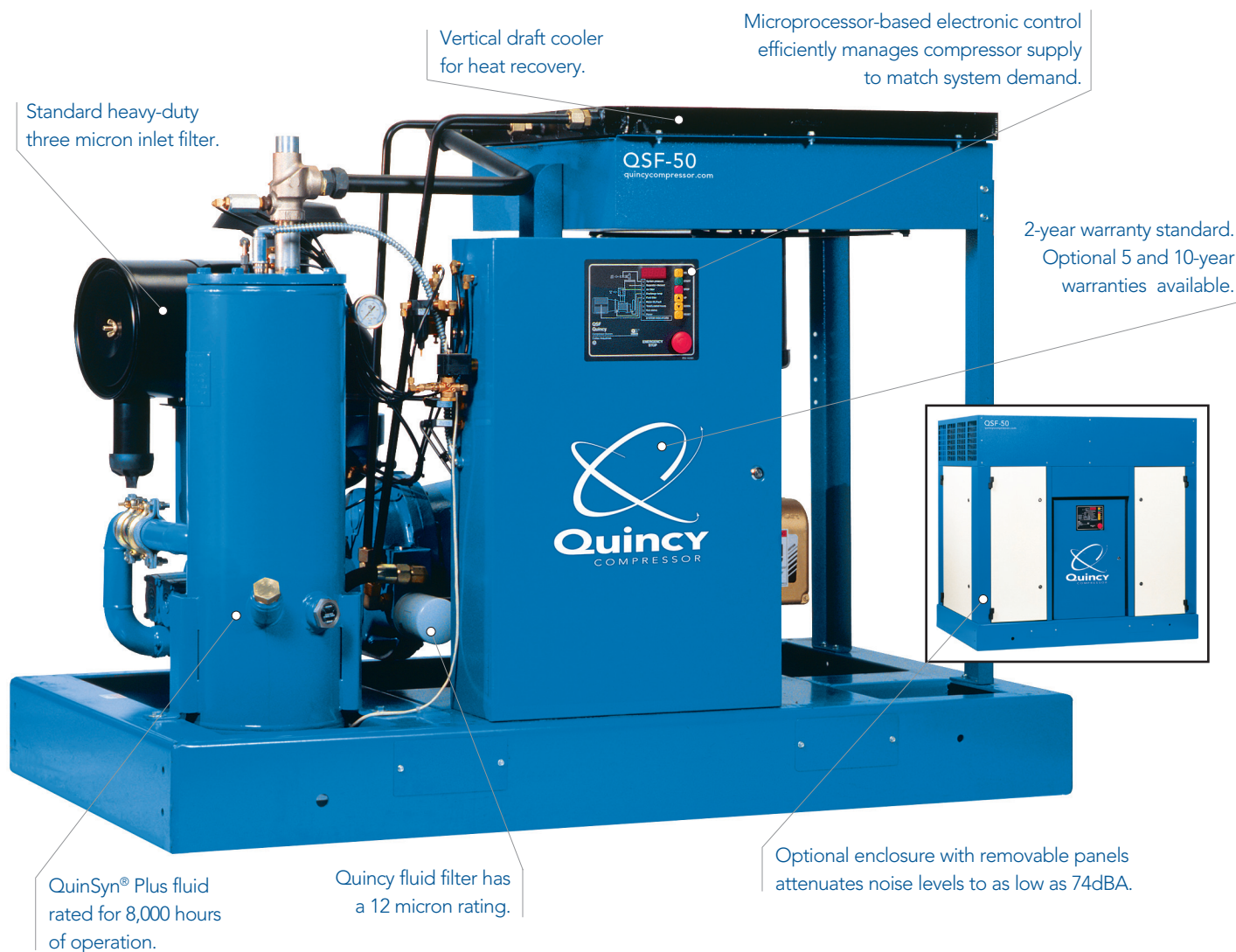
The Quincy QSF manages compressor capacity to match system demand through electronic control. Standard control is modulation, with unload capability, to reduce horsepower when demand decreases.

The Quincy QSF can also operate in load/no-load and auto/dual mode (timed shutdown), ensuring maximum load flexibility while offering overall energy efficiency.

Also working to minimize energy costs, all QSF models are available with Wye-Delta reduced voltage starters, which provide a cushioned mechanical start and reduce inrush current by 66%, minimizing electrical loading and power costs when peak demand charges apply.

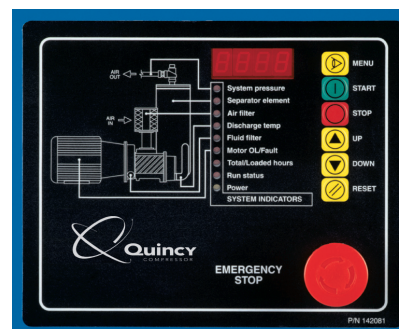
PEACE OF MIND

When it comes to reliability, everyone makes the same promise. But when it comes to keeping the promise, Quincy Compressor stands alone with our exclusive 5 and 10-year airend warranties that cover both parts and labor. Reliability is about confidence, performance, and trust - everyday. Our warranty program is how we keep our promise of reliability for the next five or ten years.



The Quincy QSF electronic control panel provides the following:

- Running hour meter
- Fluid service countdown hour meter
- Fluid filter countdown hour meter
- Air/fluid separator countdown hour meter and service display
- Discharge pressure display
- Auto/Dual control with shutdown timer and programmed shutdown
- Emergency stop button
- Operating condition warnings and shutdowns



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QUINCY QSF PERFORMANCE DATA

	Capacity* - acfm (m³/hr) @			Sound (dBA) Open (Enclosed)	----- Dimensions (in.) L x W x H -----			Weight (lbs.) Open (Enclosed)
	100 psig (7 bar)	125 psig (8.5 bar)	150 psig (10 bar)		Open (Enclosed)	Open (Enclosed)	Open (Enclosed)	
QSF-50	238 (404)	210 (357)	188 (319)	84 (73)	74 (74)	43 (43)	54 (75)	2000 (2500)
QSF-60	281 (477)	250 (425)	228 (387)	85 (73)	74 (74)	43 (43)	54 (75)	2000 (2500)
QSF-75	368 (625)	325 (552)	280 (476)	88 (76)	84 (84)	55 (55)	63 (84)	2300 (2800)
QSF-100	492 (836)	438 (744)	380 (646)	88 (77)	84 (84)	55 (55)	63 (84)	2300 (2800)
QSF-125	620 (1053)	554 (941)	488 (829)	88 (79)	88 (88)	55 (55)	67 (84)	3600 (4000)
QSF-150	730 (1240)	655 (1113)	576 (979)	88 (80)	88 (88)	55 (55)	67 (84)	3600 (4000)

* FAD tested in accordance with ISO 1217, Ed.3, Annex-C. Sound level tested in accordance with ISO 2151 and 3744.

PROTECTIVE DEVICES

- Power status display
- Emergency stop button
- UL approved control center and electrics
- Dual probe high temperature monitoring and shutdown
- Mounted pressure relief valve
- Safety fluid fill cap
- Control air line filter
- High-pressure shutdown

COMPRESSOR CONTROLS

- Quincy electronic control panel
 - Complete shut-down annunciation
 - System graphics with maintenance indicating LEDs
 - Separator element, fluid and air filter high pressure differential indicator
 - Filter maintenance hour meters
 - Run and loaded hour meters
 - Continuous monitoring and display of discharge pressure
- Modulating inlet valve with auto-dual control

STANDARD FEATURES

- Industrial Fluid-Flooded, Single-Stage, Rotary Screw Air Compressor featuring:
 - Asymmetrical rotor profile
 - Duplex discharge bearings (50-60 hp)
 - Triplex discharge bearings (75-150 hp)
 - Triple-lip shaft seal system
 - Flange connected motor and airend
- 460/575 Volts @ 60 hz 1,800 rpm C-faced 1.15 SF motor
- 380/415 Volts @ 50 hz 1,500 rpm C-faced 1.15 SF motor
- Main motor starter, mounted and wired
- Flexible drive coupling with enclosed guard
- Heavy-duty steel base frame
- Heavy-duty inlet filter
- Full flow fluid filter
- QuinSyn® Plus long life synthetic compressor fluid
- Quincy electronic compressor controller
- Aftercoolers with moisture separator/trap
- Air discharge check valve

OPTIONAL EXTENDED AIREND WARRANTIES

- Available on all Quincy QSF models
- Consult your local Quincy distributor for details



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