



The Science of Compressed Air

Quincy QMB/T



QUINCY QMB/T SERIES
ROTARY SCREW AIR COMPRESSORS
10-30 HP

QUINCY QMB/T SERIES

ROTARY SCREW COMPRESSORS 10 • 15 • 20 • 25 & 30 HP

The QMB and QMT provide legendary Quincy performance in a compact, quiet package.



COMPRESSORS WITH THE MODULAR ADVANTAGE

Quincy pioneered the modular approach to rotary screw compressors. With the QMB and the QMT, we've built the modular advantage into two compact and efficient rotary screw air compressors. The 10-30 horsepower QMB and QMT are both manufactured in Bay Minette, Alabama, one of the most technologically advanced compressor plants in the world.

Since the QMB and QMT airends are contained within their fluid reservoirs, they require fewer external piping connections and, therefore, less maintenance. Easy serviceability is assured with a quick-change separator, quick-release cabinet latches, a spin-on fluid filter, and convenient access to routine maintenance areas.

The QMB and QMT also feature full cabinets for quieter operation, and an instrument panel with large, 2-1/2" dampened movement gauges for quick reading of critical operating data.

In addition to these standard features, the QMB and QMT can be tailored to your individual requirements with such options as Wye-Delta reduced voltage starting, a super-low sound attenuation cabinet, modulation with auto-dual control, and a host of others. Add to all this their highly sophisticated, computer-aided design, and you'll see why the QMB and QMT are two more examples of why Quincy compressors are undeniably the world's finest.



Base-mount 15 hp Super-low sound cabinet.

AXIAL FLOW

BELT-DRIVEN FOR PRESSURE FLEXIBILITY — just change the motor pulleys to adjust the rpm of the airend to the optimum speed for the pressures required.

AXIAL FLOW INLET HOUSING allows maximum use of full rotor length, providing greater efficiency and maximum cfm air capacity.

12 MICRON ABSOLUTE, SPIN-ON micro-fiber-glass fluid filter with full flow by-pass.

LONG LIFE BEARINGS

Cylindrical roller suction bearings carry radial loads, while back-to-back tapered roller bearings on the discharge end of the female rotor provide superior radial and axial load capacity.

STATE-OF-THE ART ROTOR PROFILE

uses the latest rotor technology for small screw compressors.

OTHER STANDARD FEATURES

- Cast-iron construction
- Air-cooled fluid cooler and aftercooler mounted and piped
- Full voltage, across-the-line starter, mounted and wired
- Continuous run, load/no load inlet control
- Full cabinet with quick release latches
- Factory fill of QuinSyn synthetic fluid (food grade available at no extra charge)
- Built to UL, CSA, and NEC standards

OPTIONS

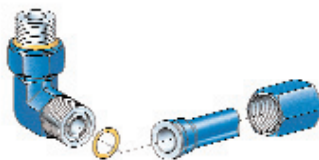
- 200, 230, or 575 volts
- 50 cycle
- Wye-Delta reduced voltage starting
- TEFC and high-efficiency motors
- NEMA 4 controls
- Modulation and auto dual/auto demand control with Quincy's patented percent capacity gauge
- Heavy-duty inlet filter
- Exceptionally low sound cabinet
- 120- and 200-gallon ASME code receiver tanks
- Lead/lag control



Tank-mount 15 hp

QUICK-CHANGE SEPARATOR SYSTEM allows maintenance to be performed without disconnecting discharge piping or scavenger tubing, and allows servicing of the separator in the fastest possible time.

SEPARATOR utilizes state-of-the-art element technology to keep downstream fluid carryover below 3 ppm.



WHY THE QMB AND QMT USE SAE O-RING FITTINGS

Quincy designed the QMB and QMT with far fewer potential fluid leakage points than other compressors in their class. One such feature is the modular airend design; another is the use of SAE O-ring fittings on all exterior fluid pipe joints over 1/4" in diameter. These connections boast a superior design to standard pipe fittings, and are used extensively for trouble-free installation and operation in the hydraulic and fluid power industries.

QUALITY FEATURES PERFORMING QUALITY FUNCTIONS

Easy-to-read instrument panel features large, 2-1/2" dampened movement analog gauges for air discharge pressure and temperature, and separator differential pressure. Other standard indicators include power light, hour meter, and selector switch.

Full enclosure for cool, quiet, safe operation – also allows easy installation of heat recovery ducting.



Combination over/under aftercooler and fluid cooler

is designed to capture maximum cooling air flow, allowing operation in ambient temperatures up to 115° F with a 15° F approach. Single piece design allows easy, efficient cleaning.

Continuous run with total closure inlet valve minimizes operating costs by incorporating load/no load controls.

Belt-drive tensioning is maintained through a heavy-duty, easily adjustable motor platform.

Computer-driven test equipment checks static and rotating parts before assembly, using Statistical Process Control (SPC) to assure close tolerances for maximum airend quality and efficiency.

Optional electronic controls with modulation auto-dual control. Maintenance indicators monitor machine functions for your peace of mind.

ARE YOU COMPARING APPLES TO ORANGES WHEN IT COMES TO SEPARATION SYSTEMS?

Most compressor manufacturers publish carryover rates based on parts per million (typically 3-5 ppm), however it measures only 1/3 to 1/4 of the actual fluid passed by the separation system.

Another method, fluid make-up, measures the total amount of fluid lost in both the downstream air system and through the moisture separator and trap. This method provides the most accurate measure of fluid loss. This is the method Quincy Compressor uses.

Don't be misled. Quincy's QMB and QMT products use a unique, highly efficient separation system that keeps fluid make-up under 3 ppm and fluid carryover as low as 1 ppm. Compare that to the competition and you'll see the difference.

QUINCY QMB/T SPECIFICATIONS & ENGINEERING DATA

	QMB/T-10	QMB/T-15	QMB/T-20	QMB/T-25	QMB/T-30
cfm at various pressures*					
@ 100 psi	39	65	90	112	131
@ 125 psi	29	57	82	98	118
@ 150 psi	-	48	70	90	105
@ 175 psi	-	41	61	78	90
Approximate Dimensions - Base-mounted					
L x W x H (in)	52 x 41 x 37				
Approximate shipping wt in lbs					
Base-mounted	990	1055	1085	1160	1200
Tank-mounted (120 gallon)	1280	1345	1375	1450	1490
Tank-mounted (200 gallon)	1480	1545	1575	1650	1690
Approximate Dimensions - Tank-mounted (120 gallon)					
L x W x H (in)	71 x 45 x 83				
<small>We reserve the right to change specifications without liability, without advance notice, and without incurring any obligation for products previously or subsequently sold. * Consult factory for 50-cycle performance. ** See the QMB and QMT factory certified drawings for exact dimensions. Proper filtration must be used for breathing air applications to meet OSHA 29CFR1910. Performance rated in accordance with CAFI/PNEUROP PN2CPTC2 test codes.</small>					



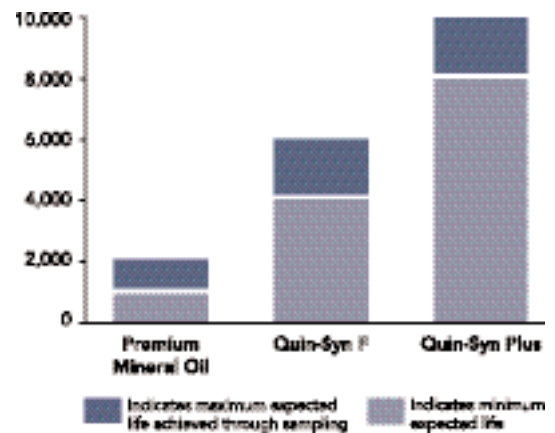
QUIN-SYN synthetic lubricants are technically perfect for Quincy compressors. Uniquely formulated for the Quincy products you trust, Quin-Syn will help keep them running smoothly for years to come.

Quincy offers a free lubricant system analysis program to all Quin-Syn users. Be sure to ask your distributor for details.

NON-TOXIC

All Quin-Syn products are non-toxic and not considered hazardous under OSHA Hazardous Communication Standard 21 CFR1910.1200. They carry no hazardous labels or warnings under that standard.

EXPECTED LUBRICANT LIFE at normal operating conditions



QUINCY AIREND WARRANTY

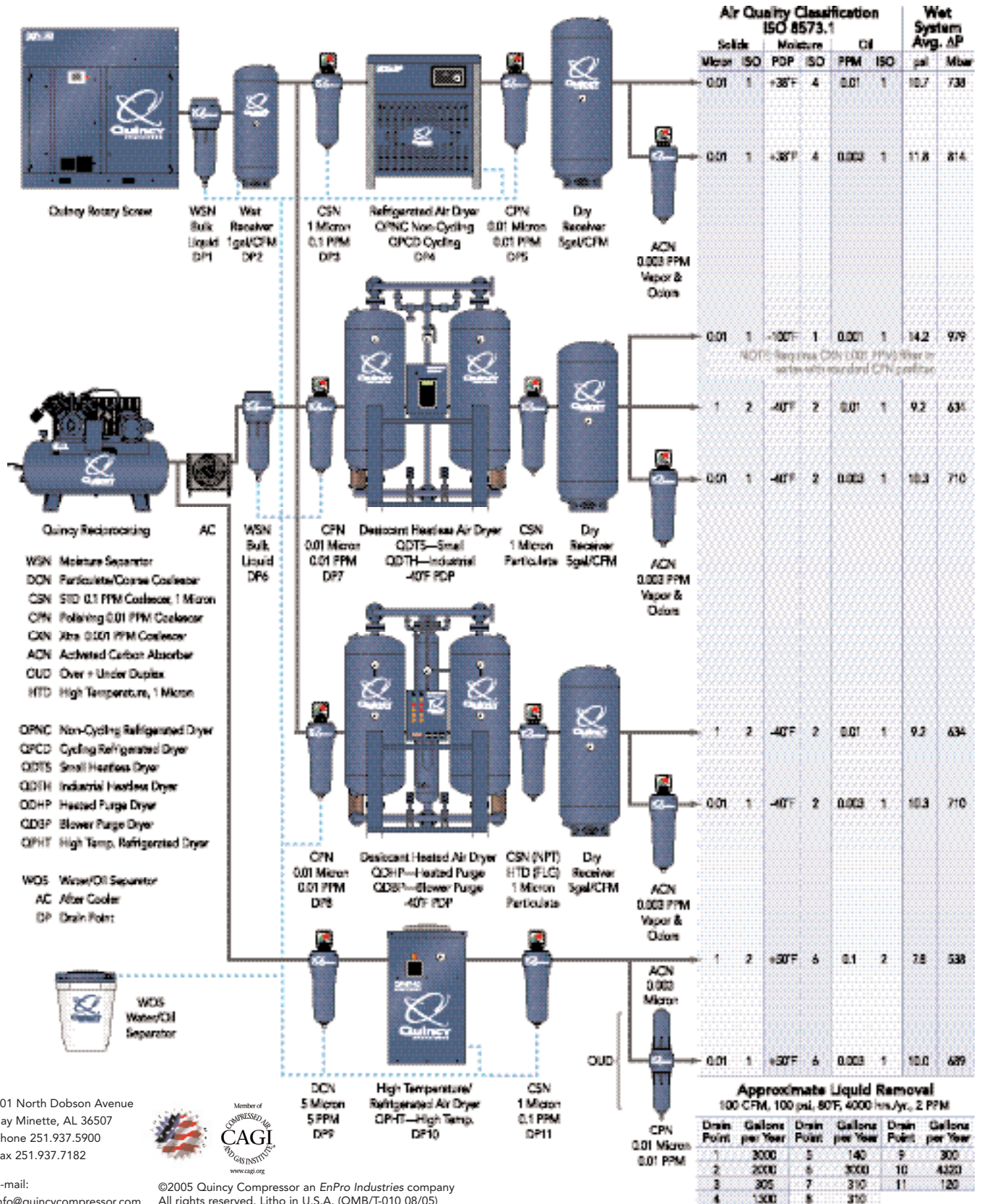


When it comes to reliability, everyone is making the same promise. But when it comes to keeping the promise, Quincy Compressor stands alone. This is why we have introduced our exclusive five- and 10-year airend warranties that cover both parts and labor. Reliability is about confidence, performance, and trust - every day. Our warranty program is how we're keeping our promise of reliability for the next five or 10 years.

COMPRESSED AIR SYSTEMS BEST PRACTICE



The Science of Compressed Air



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