



an EnPro Industries company

PLT



Pressure Lubricated Compressors



QUINCY PLT SERIES
RECIPROCATING AIR COMPRESSORS
3-15 HP

QUINCY PLT

TWO-STAGE, PRESSURE LUBRICATED

- High pressure. Low cost.
- Bottom-line efficiency
- Lasting performance
- Enhanced details

HIGH PRESSURE - LOW COST

The advantage of pressure-lubricated compressors has always come with a hefty price – until now. Introducing the Quincy PLT two-stage, pressure-lubricated compressor.

Specially engineered to deliver the high pressure you need at a price point that's well within your budget, the Quincy PLT produces up to 175 psig and is rated at a 100% duty cycle. Of course, when it comes to reliability, standard features, and available options, the Quincy PLT lives up to the renowned Quincy name.

HIGHLY EFFICIENT

You buy a compressor for compressed air – and that's exactly how we measure the Quincy PLT. Leading the industry with the most acfm per brake horsepower, the Quincy PLT ensures more air while consuming less energy in the production process. This is the bottom-line value of the Quincy PLT that continues to make it an industry leader.

LASTING PERFORMANCE

The Quincy PLT two-stage compressor is 100% duty cycle rated. The Quincy PLT has been built specifically for industrial, automotive, and commercial applications requiring up to 175 psig. Heavy-duty, cast-iron construction ensures durability – even in the most demanding environments. And pressure lubrication adds to the performance life.



Quincy PLT -5

ENHANCED DETAILS

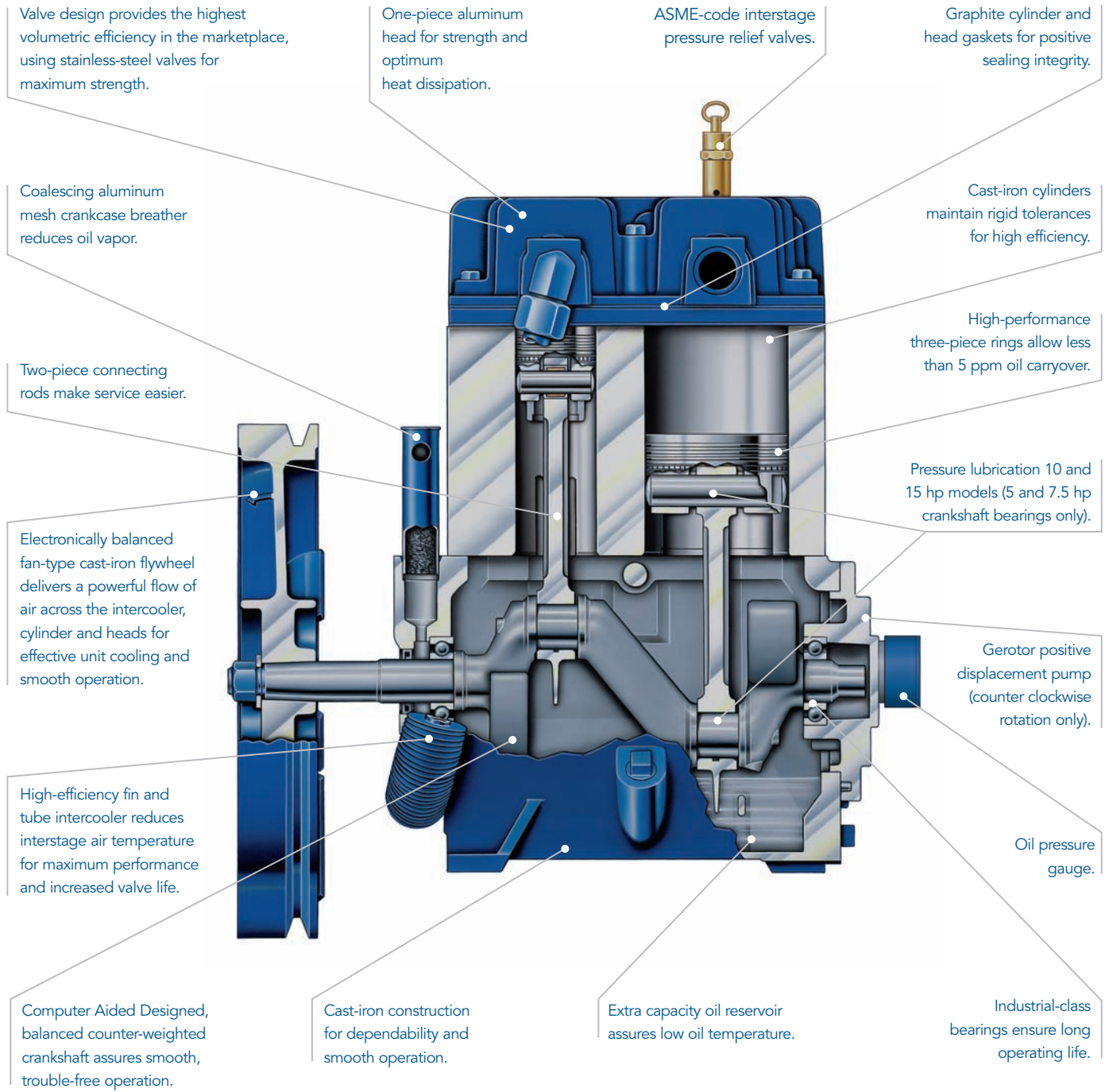
The Quincy PLT is engineered using state-of-the-art manufacturing techniques. From computer-aided design to computer-controlled machine tools, every Quincy PLT is a symbol of design excellence.

Virtually maintenance free, every component of the Quincy PLT is completely accessible. So at the end of the life cycle, the Quincy PLT can simply be rebuilt. The value of the Quincy PLT can add up for years and years.

COMPLETE CONFIDENCE

We understand that you rely on your compressor. That's why the Quincy PLT basic compressor is available with an optional two-year warranty. But more than this, Quincy Compressor has been building confidence since 1920. We've sold millions of compressors and each one has been designed and assembled in the United States.

QUINCY PLT - TWO-CYLINDER, TWO-STAGE CUTAWAY



QUINCY PLT BASIC COMPRESSOR

QUINCY PLT - TWO STAGE, BASIC COMPRESSOR

Model No.	Typical hp Range	Bore L.P. (in)	Bore H.P. (in)	Stroke (in)	No. Cyl.	Min. RPM	ACFM @ Min. rpm	Max. ^c RPM 175 PSIG	ACFM @ Max. rpm	Approx. Ship Weight (lb)
PLT-5	3-5	4.00	2.25	3.00	2	400	6.70	1060	18.30	140
PLT-7.5	7.5	4.50	2.50	3.00	2	540	11.80	1060	23.20	150
PLT-15	10-15	4.50	2.50	3.50	4	400	22.10	1150	63.50	375

^c Max speeds are for gas-driven models only.

† All compressor performance data is rated with 230/460, 60Hz, 3ph, EPAct high-efficiency motor speeds.

Max. Pressure=175 psig on all PLT products

See the PLT technical data sheet for exact dimensions.

Proper filtration must be used for breathing air applications to meet OSHA 29CFR1910.134.

We reserve the right to change specifications without liability, without advance notice, and without incurring any obligation for products previously or subsequently sold.

BASIC COMPRESSOR FEATURES

- Pressure-lubricated connecting rod bearings
- Pressure-lubricated wrist pin 10 & 15 hp
- Splash-lubricated wrist pin bearings 5 & 7.5 hp
- Needle bearing on the H.P. rod pin
- Gerotor positive displacement oil pump (counter clockwise rotation only)
- Aluminum head, deep finned for cooling
- Die-cast aluminum valve plates
- Stainless-steel reed valves
- Ductile iron, double throw crankshaft, counter weighted for balanced running
- Industrial main ball bearings provide precise alignment and handle both radial and thrust loads
- Two-piece aluminum connecting rods with integrated oil dippers
- Aluminum H.P. and L.P. pistons
- Finned tube inter-cooler in pulley fan blast
- Sight level oil gauge
- Non-asbestos gaskets
- Inlet filter/Silencer

All performance data meets CAGI/PNEUROP PN2CPTC2 and PN2CPTC3 acceptance test codes for electrically and I.C. engine-driven packaged displacement air compressors.



STANDARD QUALITY FEATURES

- EPAct high-efficiency motor, 230/460 volt
- ODP motor
- ASME-coded receiver
- ASME-coded relief valves in the interstage, discharge line, and receiver tank
- Pressure gauge and service valve
- Pressure switch (electric units)
- Loadless starting
- Kohler or Honda gas engine (on utility truck units)
- OSHA compliant, totally enclosed belt guard
- All electrical components are UL-approved
- Auto start/stop control
- Factory fill of Quin-Cip® lubricant
- Manual tank drain
- Heavy-duty filter silencers

OPTIONS

- 208/230/460 mounted and wired full-voltage starters
- TEFC Motor
- California Code 462L OSHA approval available on request
- Special voltage motors
- Factory-installed air- and water-cooled aftercoolers
- Electronic drain valve
- Vibration isolators for horizontal/base mount units
- Duplex Control panels
- Low oil protection
- Full two-year warranty
- Dual Control

QUINCY PLT



The Science of Compressed Air

QUINCY PLT - TWO STAGE, TANK-MOUNTED UNITS

Model No.	HP	No. of Cyl.	RPM [†]	CFM Piston Displ. [†]	ACFM @ 175 PSI [†]	Tank Size (gal)	Approx Ship Wt. (lbs)	LxWxH (inches)
PLTH-3-80	3	2	583	12.7	10.50	80	537	70x23x45
PLTV-3-60	3	2	583	12.7	10.50	60	487	37x22x73
PLTV-3-80	3	2	583	12.7	10.50	80	572	37x24x73
PLTV-5-60E	5 ^A	2	914	19.9	16.30	60	502	37x22x73
PLTV-5-80E	5 ^A	2	914	19.9	16.30	80	582	37x24x73
PLTV-5-60	5	2	942	21.8	17.20	60	502	37x22x73
PLTH-5-80	5	2	942	21.8	17.20	80	542	70x23x45
PLTV-5-80	5	2	942	21.8	17.20	80	582	37x24x73
PLTV-7.5-80	7.5	2	1025	28.55	22.60	80	590	37x24x74
PLTH-7.5-80	7.5	2	1025	28.55	22.60	80	590	70x23x47
PLTV-7.5-120	7.5	2	1025	28.55	22.60	120	705	40x30x72
PLTH-7.5-120	7.5	2	1025	28.55	22.60	120	685	73x27x52
PLTV-7.5-80E	7.5	2	1025	28.33	22.40	80	570	37x24x47
PLTH-7.5-80E	7.5	2	1025	28.33	22.40	80	570	70x23x47
PLTV-7.5-120E	7.5	2	1025	28.33	22.40	120	705	40x30x72
PLTH-7.5-120E	7.5	2	1025	28.33	22.40	120	683	73x27x52
PLTH-10-120	10	4	676	43.50	37.20	120	895	73x26x49
PLTH-15-120	15	4	923	61.20	51.00	120	970	73x26x49

^A Starter Not Required

QUINCY PLT - ENGINE-POWERED, TWO STAGE UNITS

Model No.	HP	No. of Cyl.	RPM [†]	CFM Piston Displ. [†]	ACFM @ 175 PSI [†]	Tank Size (gal)	Approx Ship Wt. (lbs)	LxWxH (inches)
PLTG-11H	11	2	1060	22.9	18.30	30	485	39x25x39
PLTG-11K	11	2	1060	22.9	18.30	30	485	39x25x39
PLTG-13	13	2	1060	29.3	23.60	30	510	42x21x38
PLT5-10Y-30	10	2	1060	22.9	18.50	30	495	42x21x38
PLT7.5-10Y-30	10	2	990	27.5	22.00	30	520	42x21x40

H - Honda Engine Y - Yanmar Engine K - Kohler

QUINCY PLT DUPLEX, TWO STAGE, TANK MOUNTED UNITS

Model No.	HP	No. of Cyl.	RPM [†]	CFM Piston Displ. [†]	ACFM @ 175 PSI [†]	Tank Size (gal)	Approx Ship Wt. (lbs)	LxWxH (inches)
PLTD-3	3	2	583	12.7	10.50	80	888	69x24x45
						120 ^B	1039 ^B	77x26x50 ^B
PLTD-5	5	2	942	21.8	17.20	80	927	69x24x45
						120 ^B	1079 ^B	77x26x50 ^B
PLTD-7.5	7.5	2	1025	28.5	22.60	120	1090	77x26x51

^B Optional Receiver Data

[†] All compressor performance data is rated with 230/460, 60Hz, 3ph, EPAAct high-efficiency motor speeds.

Max. Pressure=175 psig on all PLT products

See the PLT technical data sheet for exact dimensions.

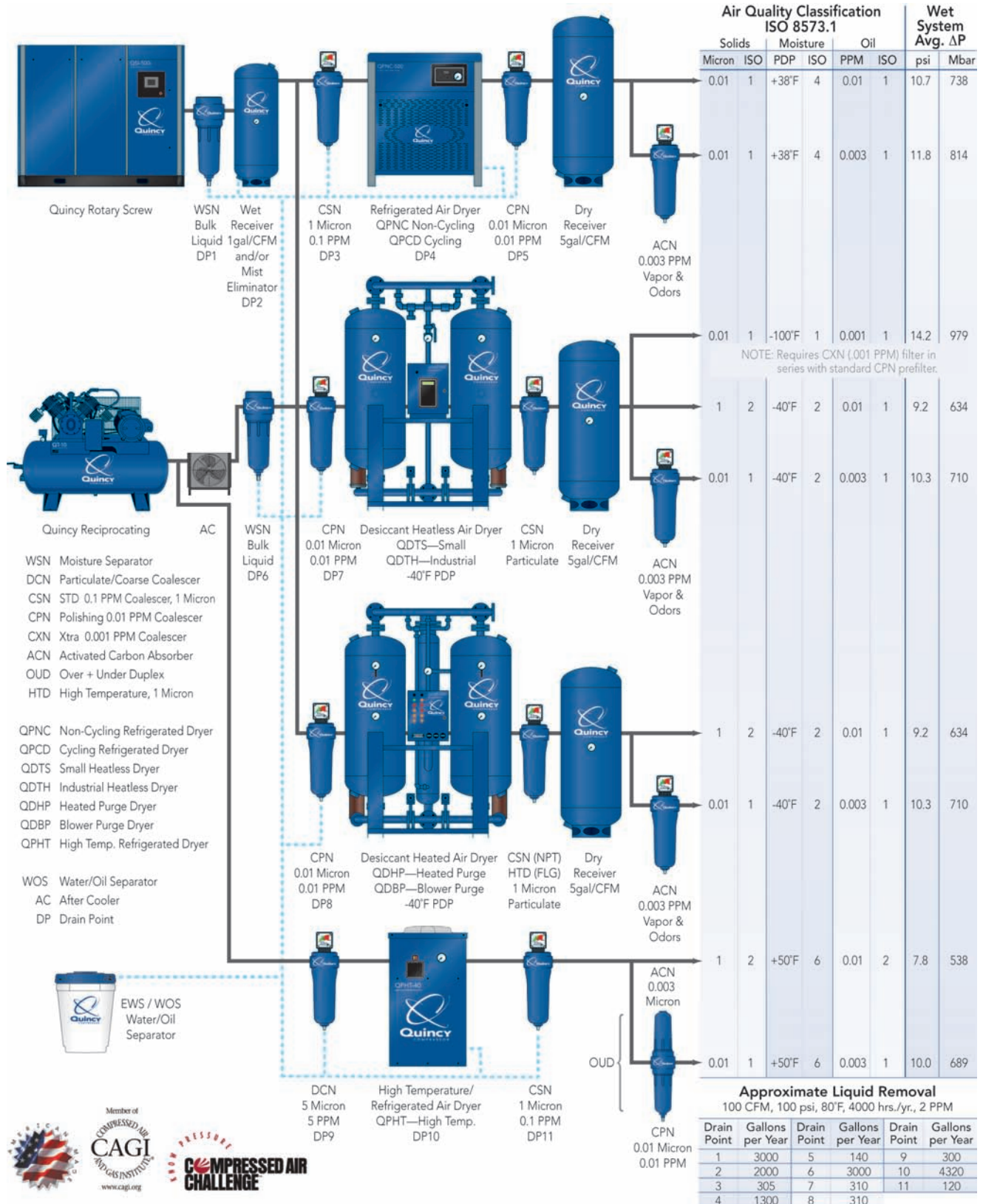
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COMPRESSED AIR SYSTEMS BEST PRACTICE



The Science of Compressed Air



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