

# PureAir II

Oil-less Compressors



*Experience Proven Results™*

# Oil-less Air Compressors

Long lasting cast iron, hard chrome-plated cylinders. PTFE guide rings prevent the pistons from contact, raising efficiency. Sealed anti-friction bearings in the upper and lower connecting rod ends for increased life.



Strong ductile iron crankshafts are mounted with sealed anti-friction bearings in a rugged cast iron crankcase.



Cast iron heads and spring-loaded valves with stainless steel cages, phosphoric bronze seats and Swedish steel discs keep your compressor running cool and offer a longer operating life.



Large aluminum cooling fan and low compressor speeds keep the PureAir II crankcase, cylinders and heads running cool, reducing wear and increasing the life of the unit.



## Oil-less is Better

Whether it's healthcare, instrumentation, or laboratory applications, the need for pure, environmentally clean compressed air is rapidly expanding.

## The Only Compressor You'll Need

Gardner Denver's PureAir II is changing the way the world uses oil-free compressed air. By developing a compressor that can run 24 hours a day, Gardner Denver has eliminated the need for oversizing and back-up units that add unnecessary expense.

## Expect the Most From the Oil-less Leader

The craftsmanship of the PureAir II is nothing short of the best in the industry. Using the finest materials, and design techniques, Gardner Denver now offers a smaller version of the 24-hour a day oil-less compressor that will deliver the clean air you need.

## All PureAir II compressors are 100% duty cycle, V-belt-driven packaged units with:

- Inlet Air Filter Silencers
- Enclosed Belt Guards
- Electric Motor
- Discharge Line Unloader Solenoid Valves
- Pressure Relief Valves
- Automatic Start-Stop Controls
- Check Valves
- Interconnecting Wiring and Piping
- Structural Steel Frames

Tank-mounted models include horizontal air receivers that are ASME coded.

### TYPICAL PERFORMANCE FOR A PUREAIR II

Pump	Motor HP	Air Delivery CFM @ 100 PSIG	Compressor Speed-RPM
CCE20	1	2.9	360
CCE20	1½	4.5	570
CCE20	2	6.3	680
CCE30	3	9.4	650
CCE50	5	15.6	650

### Maintenance

Keeping the PureAir II up and running is as simple as checking the machine periodically. And, with no oil or fluids to change, there's little need for costly maintenance.

### Durability

With the highest reliability in the business, you can be assured that your PureAir II will always be up and running, 24 hours a day.

### Service

Should you need help with your PureAir II or have any questions about operation or maintenance, your Gardner Denver Service Representative stands ready to serve you.

### Warranty

All PureAir II units are guaranteed with a one-year warranty on the compressor pump and all other parts and components.

### Parts

The 24-hour Gardner Denver worldwide parts distribution network can deliver parts and accessories quickly, wherever and whenever they are needed.

### Expandability

Whether you just need a compressor or a complete compressed air system, Gardner Denver has the products, service and expertise to get your system designed, fabricated and shipped directly to you.



# Specifications

Example of how to read model designations:

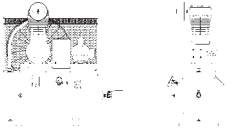


## BASE MOUNTED



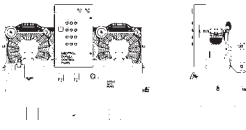
Unit Model	HP	Pump	Pump RPM	CFM Delivery*		Bore Dia in	Stoke IN	Dimensions L x W x H in	WT lbs
				50 psig	100 psig				
	1	CCE20	360	4.1	2.9	3.94	2.36	36 x 22 x 30	190
B1.5MT0II	1.5	CCE20	570	6.8	4.5	3.94	2.36	36 x 22 x 30	196
B2MT0II	2	CCE20	680	8.2	6.3	3.94	2.36	36 x 22 x 30	201
B3MT0II	3	CCE30	650	11.2	9.4	4.72	2.56	36 x 22 x 30	264
B5MT0II	5	CCE50	650	18.2	15.6	3.94	2.95	36 x 24 x 28	318

## SIMPLEX TANK-MOUNTED



Unit Model	HP	Pump	Pump RPM	CFM Delivery*		Bore Dia in	Stoke IN	Dimensions L x W x H in	WT lbs
				50 psig	100 psig				
H1MT0II-3	1	CCE20	360	4.1	2.9	3.94	2.36	38 x 25.5 x 42.5	259
H1MT0II-6	1	CCE20	360	4.1	2.9	3.94	2.36	48 x 25.5 x 47.5	379
H1.5MT0II-3	1.5	CCE20	570	6.8	4.5	3.94	2.36	38 x 25.5 x 42.5	265
H1.5MT0II-6	1.5	CCE20	570	6.8	4.5	3.94	2.36	48 x 25.5 x 47.5	385
H2MT0II-3	2	CCE20	680	8.2	6.3	3.94	2.36	38 x 25.5 x 42.5	270
H2MT0II-6	2	CCE20	680	8.2	6.3	3.94	2.36	48 x 25.5 x 47.5	390
H3MT0II-6	3	CCE30	650	11.2	9.4	4.72	2.56	48 x 25.5 x 47.5	453
H5MT0II-6	5	CCE50	650	18.2	15.6	3.94	2.95	48 x 25.5 x 45	507

## DUPLEX TANK-MOUNTED



Unit Model	HP	Pump	Pump RPM	CFM Delivery*		Bore Dia in	Stoke IN	Dimensions L x W x H in	WT lbs
				50 psig	100 psig				
H1MT0IID-6	1	CCE20	360	8.2	5.8	3.94	2.36	70 x 29 x 48	575
H1MT0IID-8	1	CCE20	360	8.2	5.8	3.94	2.36	70 x 29 x 48	635
H1.5MT0IID-6	1.5	CCE20	570	13.6	9.0	3.94	2.36	70 x 29 x 48	587
H1.5MT0IID-8	1.5	CCE20	570	13.6	9.0	3.94	2.36	70 x 29 x 48	647
H2MT0IID-6	2	CCE20	680	16.4	12.6	3.94	2.36	70 x 29 x 48	597
H2MT0IID-8	2	CCE20	680	16.4	12.6	3.94	2.36	70 x 29 x 48	657
H3MT0IID-8	3	CCE30	650	22.4	18.8	4.72	2.56	70 x 29 x 48	743
H3MT0IID-12	3	CCE30	650	22.4	18.8	4.72	2.56	73 x 22.5 x 52	821
H5MT0IID-8	5	CCE50	650	36.4	31.2	3.94	2.95	70.5 x 29 x 45	851
H5MT0IID-12	5	CCE50	650	36.4	31.2	3.94	2.95	73 x 30.5 x 49.5	929

\*Units tested in accordance with CAGI/PNEUROP acceptance test code PN2CPTC2.  
Note: Add 1.0" in height for Vibration Isolators, and add 3.5" in length for Ball Valve on tank.

# Gardner Denver®

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Please recycle after use.