



Cube Air System

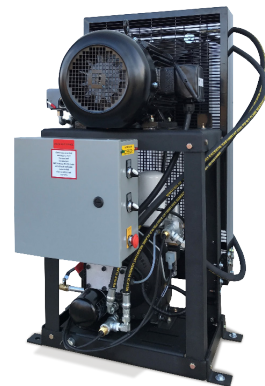
INDUSTRIAL AIR COMPRESSORS
by Compressed Air Systems

Rotary Screw

Flexibility



Simplicity



Economy

Compact

Durability

The Simple Industrial Compressor Solution



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INDUSTRIAL AIR COMPRESSORS

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The Cube Air System Rotary Screw compressor is designed to have the smallest foot print in the compressor industry, while being the easiest to service screw compressor manufactured. With the cube design you are able to put multiple rotary screw compressor packages in a more space friendly layout. With the EZ service belt guard, low mount cooler, easy to clean cooler, spin on oil filter, spin on separator, and easy to access air filter, service time on a Cube Air Systems rotary screw compressor is minimal and simple. With standard features like, self tensioning belt system, load/unload switch, LED hour meter, and air/oil cooler, the Cube Air System is the all in one rotary screw compressor package.

- 1** Allows for easier maintenance/service of the compressor package, all compressor package mounting locations are 24 inches or less off the ground
- 2** Cube Air System comes with self-tensioning belt system
- 3** Cube Air System's frame makes it easier to move to installation location
- 4** Solid steel powder coated mounting frame make for a quieter operating rotary screw compressor package
- 5** Allows for optional compressor package muffler or sound attenuating enclosure for lower overall operational DBA
- 6** Due to the small footprint of the Cube Air Systems you are able to put several packages in a smaller space
- 7** Package has extremely low center of gravity to allow for an overall more stable compressor package
- 8** The Cube Air System belt guard is easily removable to make servicing the compressor pulley/flywheel/belt quick and simple
- 9** Option to multiplex Cube Air Systems to operate in unison or independently in a very small space
- 10** The Cube Air System gives you the ability to purchase the compressor package with the 30-60-80-120 gallon tank or multiplex tank system for dry and wet air storage

**With the
Cube Air System you have
a compressor package that
provides more adaptability to
fit your application than any
other compressor design on
the market today.**

Basic Compressor Features:

- Maximum operating pressure up to 190 psi (Standard max operating pressure 150 psi)
- Low tip speed on airend for long life
- Less than 3ppm oil carry over
- Single solenoid operation
- Spin on separator
- Spin on oil filter
- Air/Oil Cooler
- Vibration isolation pads
- 8000hr full synthetic fluid
- Analog easy to use controls
- Heavy duty air filter
- Self tensioning drive belt system
- 10 minute timed shut down for electrical savings
- Minimal floor space foot print
- Industrial duty electric drive motor
- EZ access belt guard
- High air temperature sensor
- High oil temperature sensor
- High pressure sensor

CRD Compressor Features:

- All basic features
- Air receiver
- Refrigerated air dryer
- Vibration mounting pads
- Receiver safety valve
- Receiver gauge
- Receiver manual tank drain

Optional Package Features:

- TEFC drive motor
- Class 1 Division 2 Drive Motor
- NEMA 4 Controls
- NEMA 4X Controls
- NEMA 7 Controls
- Soft Start control starter
- Variable Frequency drive control
- Multiplex control panel capabilities

- Quick install kit (5-15HP)
Includes 8ft electrical cord with plug, 6ft compressor to tank air line, JIC connection fittings, anchor mounting bolts
- Electronic automatic tank drain kit
Drain shipped loose for installation. Kit includes- 1/4 pipe nipple street 90, 1/4 pipe 6 inch nipple, drain
- 30, 60, 80, 120 gallon, 200 psi MWP ASME, CRN tank
- Enrollment in factory extended service program
- Enrollment in factory extended warranty program
- Sound dampening enclosure
- Refrigerated air dryer
- Desiccant air dryer
- Coalescing filtration
- Particulate filtration



Patent Pending

Model	HP	CFM@125psi	CFM@150psi	Airend Style	Voltages	Amp Draw 230 Volt	Length	Width	Height	Weight
RS51Q-EVO	5	17	15	EVO	208/230	24	28	30	40	290
RS53Q-EVO	5	17	15	EVO	208-230/460-480	16	28	30	40	290
RS71Q-EVO	7.5	26	24	EVO	208/230	32	28	30	40	300
RS73Q-EVO	7.5	26	24	EVO	208-230/460-480	18	28	30	40	300
RS101Q-EVO	10	36	34	EVO	208/230	42	28	30	40	315
RS103Q-EVO	10	39	37	EVO	208-230/460-480	28	28	30	40	315
RS153Q-EVO	15	52	50	EVO	208-230/460-480	42	28	30	40	345
RS153Q-EVOH	15	57	55	EVO	208-230/460-480	42	28	30	40	345

To make package "CRD" configuration add -CRD to the end of the part number. All dimensions are in inches, weight is in pounds



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Rotary Screw Compressor Multiplexing

With a Cube Air System rotary screw compressor you have the ability to multiplex systems. With a multiplex system you can have a main unit that has a variable frequency drive and other systems with soft start drive systems that come online as air demand increases, and drop out as the demand decreases. Why run 100hp worth of compressor when you only need 10 or 15? When you need all the air available the other systems come online. You can also simply have multiple lines start systems that come online as needed as well. With a Compressed Air Systems control panel and line start compressor package you have the simplest to operate compressor design on the market today.



Pictures for Reference

Compressed Air Systems

Simplicity. It's What We Do.

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