

*Belt Drive*  
COMPRESSORS



**Belt Drive  
Rotary Screw Air Compressors  
5 to 30 HP**

# BELT DRIVE ROTARY SCREW AIR COMPRESSORS

## 5 TO 15 HP

### THE QUIET COMPRESSED AIR SYSTEM

Ideal for automotive repair and body shops, the BelAire line of rotary screw compressors are built to provide reliable and efficient compressed air in a compact design. BelAire rotary screw compressors allow for 100% duty in a extremely quiet, user friendly package.

MODEL		BR5	BR7.5	BR10	BR15
HP		5	7.5	10	15
acfm @ 125 psig		N/A	N/A	37	52
acfm @ 150 psig		16.6	21.2	33	47
Max Pressure		150	150	128/150	128/150
Sound Level (dBA)		62	64	66	68
Length (in)		56	56	73	73
Width (in)		22	22	24	24
Height (in)		50	50	58	58
Net Wt. (lbs)/ Shipping Wt. (lbs)	(w/o dryer)	463/485	468/490	775/845	815/885
	(w/ dryer)	543/565	548/570	850/920	890/960

#### Notes:

1. 230v single phase models available in 5 and 7.5 horsepower.
2. BR5 - 15 tri-voltage 3-phase motors and starters can be installed in 208, 230, 460, or 575v power supply.
3. BR shipped with factory fill of lubricant suitable for 4,000 hours operation in clean environment.

### FEATURES

- Low Sound Enclosure
- 150 psig Standard (125 psig available 10-15 hp)
- Continuous Operating Capability
- Space Saving Design, <12 ft<sup>2</sup>
- Across-The-Line Motor Starter
- ASME/CRN Receiver Tank (5 – 7.5HP - 60 Gal, 10 – 15HP - 120 Gal)
- Tri-Voltage, TEFC Motor
- UL and UL-C Approved Control Panel



BR5 with Dryer

# BELT DRIVE ROTARY SCREW AIR COMPRESSORS 20 TO 30 HP

## THE QUIET COMPRESSED AIR SYSTEM

BelAire Rotary Screw Compressors are ideal for automotive and light industrial applications. A proven design provides superior performance along with quiet operation and are built to handle even the most demanding compressed air needs.

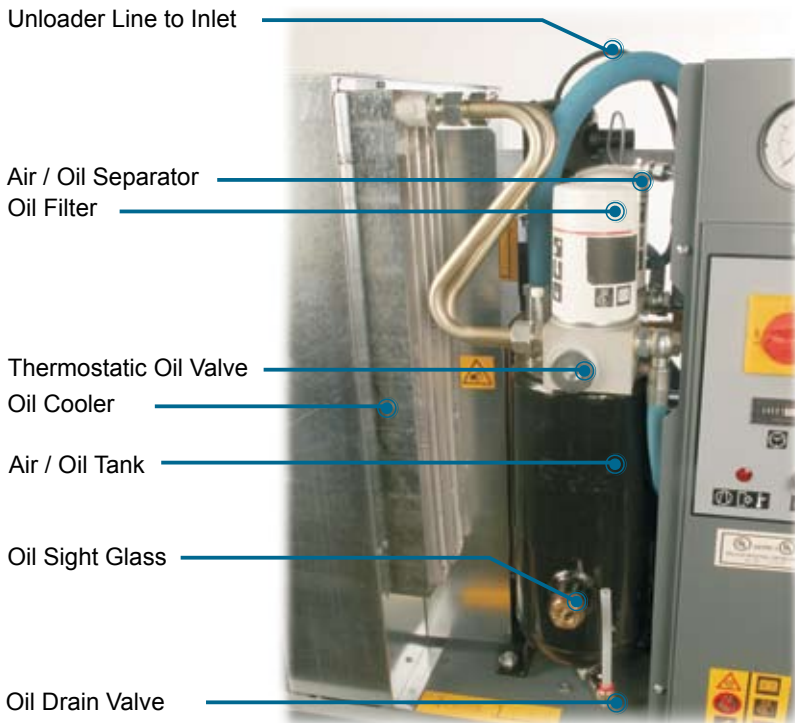
MODEL	BR20	BR25	BR30
HP	20	25	30
acfm @ 100 psig	90	111	130
acfm @ 125 psig	84	99	122
acfm @ 150 psig	74	94	109
Sound Level (dBA)	63	66	68
Length (in)	53	53	53
Width (in)	31	31	31
Height (in)	48	48	48
Base Weight	893	913	948

## FEATURES

- Low Sound Enclosure
- 100 -175 psig
- Continuous Operating Capability
- Space Saving Design, <12 ft<sup>2</sup>
- Maintenance < 15 minutes
- Wye-Delta, Reduced Voltage Start
- Electronic Microprocessor Control
- Tri-Voltage, TEFC Motor
- Load/No Load With Intelligent Shutdown



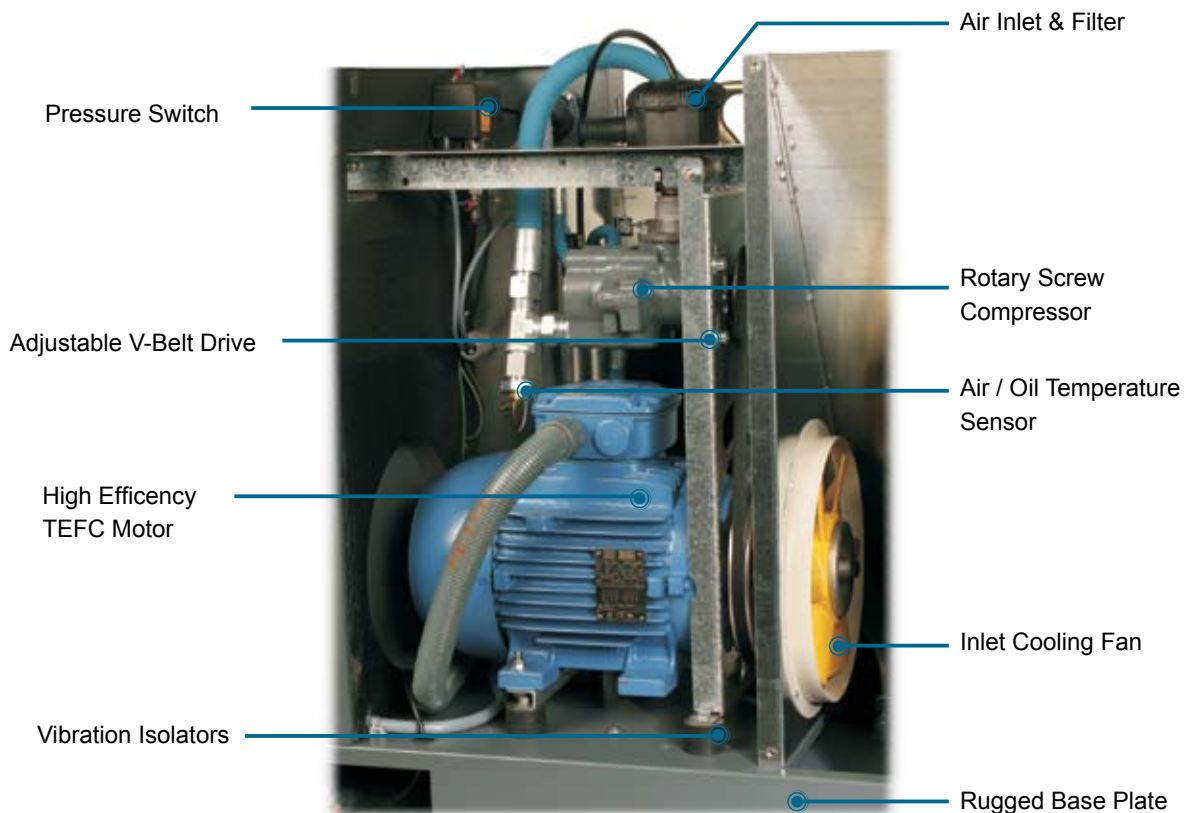
# SIMPLICITY AND RELIABILITY



Front View

## EASY AND ECONOMICAL MAINTENANCE

With easily accessible service panels, BelAire Rotary Screw Compressors allow for simple and time saving maintenance. Spin on oil filter and separator cartridge can be changed quickly, saving valuable time and money. Proper maintenance will ensure long term, trouble-free service. Annual maintenance kits available. Contact your distributor for original factory parts.



Rear View

## INTELLIGENT SAVINGS

The BR 20-30 is managed by the ES3000, an electronic control unit programmed for energy saving operation with intelligent shut-down. It is known that when the motor is not running it does not consume electric power so the goal of the ES3000 is to let the electric motor work for the shortest period of time during idle operation. The intelligent shut-down feature can save a customer hundreds of dollars per year.



The ES3000 steadily monitors the operation cycles, recognizes usage patterns and notifies you - before a problem occurs!

## INTELLIGENT COOLING

The BR 20-30 runs cool and quiet. The dedicated turbine fan provides superior cooling for the entire compressor package while the high efficiency air/oil coolers ensure the 8,000 synthetic lubricant transmits heat away from the airend. The BR 20-30 does not require power consuming oil pumps and with proper maintenance, performance will not degrade over time.



## WARRANTY INFORMATION

BelAire compressors are backed by exceptional factory support and a national service network. We are dedicated to providing high quality and reliable equipment to meet all of your compressed air needs. BelAire stands behind our rotary screw compressors with one of the best standard warranties in the industry. No contracts or service agreements.

*Authorized start-up required.*

For more information, please contact your local BelAire distributor.

The Compressed Air and Gas Institute, CAGI, is an organization dedicated to improving the compressed air industry through established standards. As a proud member of CAGI, BelAire Compressors publishes all technical data in accordance with CAGI/PNEUROP PN2CPTC2 guidelines and voluntarily allows products to be selected for participation in CAGI's Performance Verification Program. With BelAire Compressors, our customers know they are receiving the excellent performance that we publish.





**BelAire Compressors Sales**

803-547-8155 Phone

803-547-8153 Fax

[sales@belairecompressors.com](mailto:sales@belairecompressors.com)

**Factory Service and Support**

1800 Overview Drive

Rock Hill, SC 29730

877-861-2722

Date: February 2009

