

**VORTEX**  
C O M P R E S S O R

# Vortex Air Compressors

**ERS SERIES 5.5 kW- 315 kW**

Air Capacity from 0.84 m<sup>3</sup>/min to 50.8 m<sup>3</sup>/min

## Global Compressed Air Solutions Provider



PERFORMANCE



TRUST



PRECISION



### OPTIONS

- Soft Starter
- 60 Hz
- 500 V System
- Sound Proof System
- IE4 Electric motor

CE

For more information please visit [www.vortexcompressor.com](http://www.vortexcompressor.com)

# VORTEX

## COMPRESSOR

Air Capacity from 0.84 m<sup>3</sup>/min to 50.8 m<sup>3</sup>/min  
Durable, High Quality, Sustainable Solution  
INDUSTRIAL OIL INJECTED  
SCREW AIR COMPRESSORS

### CONSTANT SPEED ROTARY SCREW COMPRESSORS



| Model    | Maximum Working Pressure<br>bar | Capacity FAD *      |       |        | Motor Power |     | Dimensions<br>W x L x H<br>mm | Weight<br>kg | Noise<br>dB(A)** |
|----------|---------------------------------|---------------------|-------|--------|-------------|-----|-------------------------------|--------------|------------------|
|          |                                 | m <sup>3</sup> /min | cfm   | l/sec  | kw          | HP  |                               |              |                  |
| ERS 5.5  | 7.5                             | 0.84                | 29.71 | 14.00  | 5.5         | 7.5 | 650 x 750 x 1160              | 185          | 70               |
|          | 10                              | 0.68                | 24.05 | 11.33  |             |     |                               |              |                  |
|          | 13                              | 0.56                | 19.81 | 9.33   |             |     |                               |              |                  |
| ERS 7.5  | 7.5                             | 1.15                | 40.67 | 19.17  | 7.5         | 10  | 650 x 750 x 1160              | 195          | 70               |
|          | 10                              | 0.90                | 31.83 | 15.00  |             |     |                               |              |                  |
|          | 13                              | 0.69                | 24.40 | 11.50  |             |     |                               |              |                  |
| ERS 11   | 7.5                             | 1.74                | 61.54 | 29.00  | 11          | 15  | 750 x 820 x 1230              | 252          | 71               |
|          | 10                              | 1.41                | 49.87 | 23.50  |             |     |                               |              |                  |
|          | 13                              | 1.12                | 39.61 | 18.67  |             |     |                               |              |                  |
| ERS 15   | 7.5                             | 2.44                | 86.29 | 40.67  | 15          | 20  | 750 x 820 x 1230              | 387          | 73               |
|          | 10                              | 1.99                | 70.38 | 33.17  |             |     |                               |              |                  |
|          | 13                              | 1.58                | 55.88 | 26.33  |             |     |                               |              |                  |
| ERS 18.5 | 7.5                             | 3.09                | 109   | 51.50  | 18.5        | 25  | 850 x 930 x 1390              | 420          | 73               |
|          | 10                              | 2.52                | 89    | 42.00  |             |     |                               |              |                  |
|          | 13                              | 2.10                | 74    | 35.00  |             |     |                               |              |                  |
| ERS 22   | 7.5                             | 3.60                | 127   | 60.00  | 22          | 30  | 850 x 930 x 1390              | 480          | 74               |
|          | 10                              | 3.00                | 106   | 50.00  |             |     |                               |              |                  |
|          | 13                              | 2.55                | 90    | 42.50  |             |     |                               |              |                  |
| ERS 30   | 7.5                             | 5.20                | 184   | 86.67  | 30          | 40  | 970 x 980 x 1545              | 540          | 74               |
|          | 10                              | 4.25                | 150   | 70.83  |             |     |                               |              |                  |
|          | 13                              | 3.60                | 127   | 60.00  |             |     |                               |              |                  |
| ERS 37   | 7.5                             | 6.20                | 219   | 103.33 | 37          | 50  | 970 x 980 x 1545              | 587          | 73               |
|          | 10                              | 5.30                | 188   | 88.33  |             |     |                               |              |                  |
|          | 13                              | 4.56                | 161   | 76.00  |             |     |                               |              |                  |
| ERS 45   | 7.5                             | 7.25                | 257   | 120.83 | 45          | 60  | 1050 x 1100 x 1590            | 845          | 75               |
|          | 10                              | 6.20                | 219   | 103.33 |             |     |                               |              |                  |
|          | 13                              | 5.20                | 184   | 86.67  |             |     |                               |              |                  |
| ERS 55   | 7.5                             | 9.50                | 336   | 158.33 | 55          | 75  | 1200 x 1300 x 1690            | 940          | 75               |
|          | 10                              | 7.90                | 280   | 131.67 |             |     |                               |              |                  |
|          | 13                              | 6.60                | 234   | 110.00 |             |     |                               |              |                  |
| ERS 75   | 7.5                             | 12.20               | 432   | 203.33 | 75          | 100 | 1700 x 1800 x 1840            | 1350         | 79               |
|          | 10                              | 10.10               | 358   | 168.33 |             |     |                               |              |                  |
|          | 13                              | 8.50                | 301   | 141.67 |             |     |                               |              |                  |
| ERS 90   | 7.5                             | 15.50               | 549   | 258.33 | 90          | 125 | 1700 x 1800 x 1840            | 1750         | 82               |
|          | 10                              | 13.00               | 460   | 216.67 |             |     |                               |              |                  |
|          | 13                              | 11.30               | 400   | 188.33 |             |     |                               |              |                  |
| ERS 110  | 7.5                             | 17.70               | 627   | 295.00 | 110         | 150 | 1700 x 1800 x 1840            | 1980         | 84               |
|          | 10                              | 15.50               | 549   | 258.33 |             |     |                               |              |                  |
|          | 13                              | 13.50               | 478   | 225.00 |             |     |                               |              |                  |
| ERS 132  | 7.5                             | 24.00               | 850   | 400.00 | 132         | 180 | 1800 x 2750 x 1940            | 2150         | 84               |
|          | 10                              | 20.60               | 729   | 343.33 |             |     |                               |              |                  |
|          | 13                              | 17.00               | 602   | 283.33 |             |     |                               |              |                  |
| ERS 160  | 7.5                             | 28.50               | 1018  | 475.00 | 160         | 220 | 2000 x 2500 x 1940            | 2420         | 86               |
|          | 10                              | 24.00               | 850   | 400.00 |             |     |                               |              |                  |
|          | 13                              | 20.00               | 714   | 333.33 |             |     |                               |              |                  |
| ERS 200  | 7.5                             | 36.00               | 1286  | 600.00 | 200         | 270 | 2750 x 1800 x 1980            | 3290         | 88               |
|          | 10                              | 28.80               | 1028  | 480.00 |             |     |                               |              |                  |
|          | 13                              | 23.80               | 840   | 396.67 |             |     |                               |              |                  |
| ERS 250  | 7.5                             | 42.50               | 1518  | 708.33 | 250         | 340 | 4000 x 2000 x 2000            | 4450         | 88               |
|          | 10                              | 36.00               | 1286  | 600.00 |             |     |                               |              |                  |
|          | 13                              | —                   | —     | —      |             |     |                               |              |                  |
| ERS 315  | 7.5                             | 50.80               | 1814  | 846.67 | 315         | 430 | 4000 x 2000 x 2000            | 4800         | —                |
|          | 10                              | 42.60               | 1521  | 710.00 |             |     |                               |              |                  |
|          | 13                              | —                   | —     | —      |             |     |                               |              |                  |

\* Unit performance measured according to ISO 1217, Ed.3, Annex C-1996

\*\*Noise level measured according to Pneuop/Cagi PN8NTC2.2 test code; tolerance 3 dB(A)

Reference conditions: Absolute inlet pressure 1 bar (14.5 psi), intake air temperature 20°C (68°F)  
60 Hz version is available in this model range.

Direct Connection to Nexus  
Compressor Management System

