



Oil-Lubricated Screw Enclosure Air Compressors

- Oil-injected screw air-end.
- Extremely low noise & vibration.
- Easy access for maintenance
- Poly-V belt driven (B type) or Direct- driven (D type).
- High efficiency IE3 electric motors.
- Total function control through a user-friendly electronic HMI.
- Reduce the energy consumption and component wear using Star-Delta soft start motor for the standard models & variable frequency driver for VF models.



Screw Air end

Manufactured to obtain an efficient and long-lasting consistent performance. All our air-ends guarantee a better air flowrate with minimum energy consumption. Equipped with wear resistant bearings and made of highly sophisticated machined components. These air-ends have an extremely low induced-rotation noise and a limited maintenance cost. This Top-notch pumping system integrated unit is extremely compact and is composed of the following components:

- Oil-injected air-end
- Minimum pressure valve
- Thermostatic valve
- Intake Valve
- Separator tank.

HMI Controller

The electronic controller (SE) based on direct user-friendly reading. It manages all machine functions safely through a microprocessor, from control of safety alarms (oil temperature, electrical engine, control of cooling electrical fan, maintenance time) to command systems (start-stop, alarm reset).

The touch screen controller (ST) is optionally available for the AERS series: performance and maintenance are easily monitored. The (ST) HMI can be remotely controlled once connected to the internet. Energy saving always in the foreground thanks to the integrated timer that allows the working pressure regulation of day and night shifts and consequent optimized energy consumption. A log of the compressor working state is automatically memorized providing important data when optimizing the cost of compressed air.



| MODEL | HP | BTU/Hr | Max. pressure | | Flow Capacity | | dB (A) | Rotor Dia. (mm) | Conn. NPT (In) | Dimensions L x W x H | Weight | |
|--|-----|---------|---------------|-------|---------------|-------------|--------|-----------------|----------------|------------------------------------|--------|------|
| | | | (Psi) | (bar) | (cfm) | (m3/h) | | | | Inches [mm] | (Lb) | (Kg) |
| STAR-DELTA – BELT DRIVE (B) 208-230/460V 3PH 60HZ | | | | | | | | | | | | |
| AERS-L55B_-SX | 5.5 | 14,006 | 116 | 8 | 19.4 | 33.0 | 65 | 60 | 1/2" | 31.5x24.8 x37.4 [800x623x950] | 346 | 157 |
| | | | 145 | 10 | 17.3 | 29.4 | | | | | | |
| | | | 188 | 13 | 13.5 | 22.9 | | | | | | |
| AERS-L75B_-SX | 7.5 | 19,100 | 116 | 8 | 28.4 | 48.3 | 66 | 60 | 1/2" | 31.5x24.8 x37.4 [800x623x950] | 346 | 157 |
| | | | 145 | 10 | 24.4 | 41.5 | | | | | | |
| | | | 188 | 13 | 19.8 | 33.6 | | | | | | |
| AERS-L100B_-SX | 10 | 25,466 | 116 | 8 | 41.3 | 70.2 | 66 | 75 | 1/2" | 31.5x24.8 x37.4 [800x623x950] | 485 | 220 |
| | | | 145 | 10 | 34.6 | 58.8 | | | | | | |
| | | | 188 | 13 | 27.7 | 47.1 | | | | | | |
| AERS-L150B_-SX | 15 | 38,199 | 116 | 8 | 56.8 | 96.5 | 68 | 75 | 3/4" | 33.1x28.7x39.8 [841x729x1011] | 573 | 260 |
| | | | 145 | 10 | 51.6 | 87.7 | | | | | | |
| | | | 188 | 13 | 41.2 | 70.0 | | | | | | |
| AERS-L200B_-SX | 20 | 50,932 | 116 | 8 | 73.8 | 125.4 | 68 | 90 | 3/4" | 33.1x28.7x39.8 [841x729x1011] | 591 | 268 |
| | | | 145 | 10 | 70.3 | 119.4 | | | | | | |
| | | | 188 | 13 | 56.5 | 96.0 | | | | | | |
| AERS-L250B_-SX | 25 | 63,665 | 116 | 8 | 101.7 | 172.8 | 66 | 90 | 1-1/4" | 41.7x33.9x48.8 [1059x861x1240] | 1010 | 458 |
| | | | 145 | 10 | 89.7 | 152.4 | | | | | | |
| | | | 188 | 13 | 67.8 | 115.2 | | | | | | |
| AERS-L300B_-SX | 30 | 76,398 | 116 | 8 | 121.5 | 206.4 | 66 | 110 | 1-1/4" | 41.7x33.9x48.8 [1059x861x1240] | 1091 | 495 |
| | | | 145 | 10 | 106.6 | 181.1 | | | | | | |
| | | | 188 | 13 | 86.9 | 147.6 | | | | | | |
| AERS-L400B_-SX | 40 | 101,864 | 116 | 8 | 167.0 | 283.7 | 67 | 110 | 1-1/4" | 41.7x33.9x48.8 [1059x861x1240] | 1135 | 515 |
| | | | 145 | 10 | 148.7 | 252.6 | | | | | | |
| | | | 188 | 13 | 116.9 | 198.6 | | | | | | |
| AERS-L500B_-SX | 50 | 127,330 | 116 | 8 | 216.5 | 367.8 | 70 | 130 | 1-1/2" | 76.4x42.1x70.9 [1941x1069x1801] | 2116 | 960 |
| | | | 145 | 10 | 194.6 | 330.6 | | | | | | |
| | | | 188 | 13 | 150.1 | 255.0 | | | | | | |
| AERS-L600B-SX | 60 | 152,796 | 116 | 8 | 275.8 | 468.6 | 70 | 130 | 1-1/2" | 76.4x42.1x70.9 [1941x1069x1801] | 2271 | 1030 |
| | | | 145 | 10 | 241.2 | 409.8 | | | | | | |
| | | | 188 | 13 | 200.9 | 341.3 | | | | | | |
| AERS-L750B_-SX | 75 | 190,995 | 116 | 8 | 307.0 | 521.6 | 70 | 150 | 1-1/2" | 76.4x42.1x70.9 [1941x1069x1801] | 2619 | 1188 |
| | | | 145 | 10 | 279.3 | 474.5 | | | | | | |
| | | | 188 | 13 | 249.6 | 424.1 | | | | | | |
| STAR-DELTA – DIRECT DRIVE (D) 208-230/460V 3PH 60HZ | | | | | | | | | | | | |
| AERS-L250D_-SX | 25 | 63,665 | 116 | 8 | 98.2 | 166.8 | 67 | 90 | 1-1/4" | 65.4x29.9x55.9 [1661x759x1420] | 683 | 310 |
| | | | 145 | 10 | 84.0 | 142.7 | | | | | | |
| AERS-L500D_-SX | 50 | 127,330 | 145 | 10 | 172.0 | 292.2 | 67 | 130 | 1-1/2" | 76.4x42.1x70.9 [1941x1069x1801] | 1918 | 870 |
| AERS-L600D_-SX | 60 | 152,796 | 116 | 10 | 234.8 | 398.9 | 67 | 150 | 1-1/2" | 76.4x42.1x70.9 [1941x1069x1801] | 2094 | 950 |
| VARIABLE FREQUENCY DRIVER (VF) – DIRECT DRIVE (D) 208-230/460V 3PH 60HZ | | | | | | | | | | | | |
| AERS-L150VFD_-SX | 15 | 38,199 | 116 | 8 | 15.2-63.9 | 25.8-108.6 | 64 | 90 | 3/4" | 54.3x26.8x47.2 [1379x681x1199] | 800 | 363 |
| | | | 145 | 10 | 19.1-53.3 | 32.5-90.6 | | | | | | |
| | | | 188 | 13 | 22.6-42.4 | 38.4-72.0 | | | | | | |
| AERS-L200VFD_-SX | 20 | 50,932 | 116 | 8 | 14.5-82.3 | 24.6-139.8 | 65 | 90 | 3/4" | 54.3x26.8x47.2 [1379x681x1199] | 822 | 373 |
| | | | 145 | 10 | 13.8-70.6 | 23.4-119.9 | | | | | | |
| | | | 188 | 13 | 18.7-56.5 | 31.8-96.0 | | | | | | |
| AERS-L250VFD_-SX | 25 | 63,665 | 116 | 8 | 24.7-103.1 | 42.0-175.2 | 66 | 110 | 1-1/4" | 65.4x29.9x55.9 [1661x759x1420] | 1226 | 556 |
| | | | 145 | 10 | 37.1-90.4 | 63.0-153.6 | | | | | | |
| | | | 188 | 13 | 39.9-78.7 | 67.8-133.7 | | | | | | |
| AERS-L300VFD_-SX | 30 | 76,398 | 116 | 8 | 33.2-123.6 | 56.4-210.0 | 66 | 110 | 1-1/4" | 65.4x29.9x55.9 [1661x759x1420] | 1325 | 601 |
| | | | 145 | 10 | 33.2-105.9 | 56.4-210.0 | | | | | | |
| | | | 188 | 13 | 40.5-85.5 | 68.8-145.3 | | | | | | |
| AERS-L400FD_-SX | 40 | 101,864 | 116 | 8 | 33.2-166.3 | 56.4-282.5 | 66 | 110 | 1-1/4" | 65.4x29.9x55.9 [1661x759x1420] | 1448 | 657 |
| | | | 145 | 10 | 33.2-143.4 | 56.4-243.6 | | | | | | |
| | | | 188 | 13 | 37.1-119.0 | 63.0-202.2 | | | | | | |
| AERS-L500VFD_-SX | 50 | 127,330 | 116 | 8 | 49.4-224.9 | 83.9-382.1 | 68 | 130 | 1-1/2" | 76.4x42.1x70.9 [1941x1069x1801] | 2169 | 984 |
| | | | 145 | 10 | 67.1-198.1 | 114.0-336.6 | | | | | | |
| | | | 188 | 13 | 74.2-168.4 | 126.1-286.1 | | | | | | |
| AERS-L600VFD_-SX | 60 | 152,796 | 116 | 8 | 49.4-264.8 | 83.9-449.9 | 69 | 130 | 1-1/2" | 76.4x42.1x70.9 [1941x1069x1801] | 2330 | 1057 |
| | | | 145 | 10 | 78.0-236.6 | 132.5-402.0 | | | | | | |
| | | | 188 | 13 | 77.3-204.8 | 131.3-348.0 | | | | | | |
| AERS-L750VFD_-SX | 75 | 190,995 | 116 | 8 | 60.0-317.8 | 101.9-539.9 | 70 | 150 | 1-1/2" | 76.4x42.1x70.9 [1941x1069x1801] | 2679 | 1215 |
| | | | 145 | 10 | 58.3-282.5 | 99.1-480.0 | | | | | | |
| | | | 188 | 13 | 81.6-229.5 | 138.6-389.9 | | | | | | |

X: Type of HMI (E: Electronic / T: Touch)

P: 145 Psi Max. pressure units

2P: 188 Psi Max. pressure units



Compresores de tornillo en cabina lubricados por aceite

- Cabezal de tornillo lubricado por inyección de aceite
- Muy bajo nivel de ruido y vibraciones.
- Fácil acceso para mantenimiento
- Transmisión por correa Poly-V (tipo B) o acople directo (tipo D).
- Motores eléctricos IE3 de alta eficiencia.
- Control total de funciones a través de una HMI electrónica de fácil uso.
- Reduce el consume de energía y el desgaste de los componentes utilizando arranque Star-Delta en los modelos estándar y con variador de frecuencia en modelos VF.



Cabezal de tornillo

Fabricado para obtener un rendimiento consistente, eficiente y duradero. Todas nuestras unidades de aire garantizan un mayor caudal de aire con menor consumo de energía. Esta equipado con cojinetes resistentes al desgaste y fabricado con componentes mecanizados altamente sofisticados. Estas unidades de aire tienen un bajo nivel de ruido de rotación y un costo de mantenimiento limitado. La unidad tiene integrado el sistema de bombeo de aceite, es extremadamente compacta y esta compuesta por las siguientes partes:

- Válvula de mínima presión
- Válvula termostática
- Válvula de admisión
- Tanque separador

Controlador HMI

La pantalla electrónica (SE) basada en el principio de lectura directa y de amigable uso, gestiona todas las funciones de la máquina de forma segura a través de un microprocesador, desde el acceso al control de las alarmas de seguridad (Temperatura de aceite, motor eléctrico, control del ventilador eléctrico de refrigeración, frecuencia de mantenimiento), hasta los controles de encendido y apagado y controles de alarmas.

El controlador de pantalla táctil (ST) está disponible de manera opcional para la serie AERS: La configuración y mantenimiento se controlan fácilmente. La HMI (ST) se puede controlar de forma remota una vez conectada a internet. EL ahorro energético en primer plano gracias al temporizador integrado que permite la regulación de la presión de trabajo de los turnos diurnos y nocturnos, obteniendo un consumo energético optimizado. Guarda automáticamente registro del estado de funcionamiento del compresor proporcionando datos importantes al momento de optimizar los costos energéticos.



| MODELO | HP | BTU/Hr | Presión Máxima | | Caudal | | dB (A) | Dia. del Rotor (mm) | Conex. NPT (In) | Dimensiones L x W x H | Peso | |
|---|-----|---------|----------------|-------|------------|-------------|--------|---------------------|-----------------|---------------------------------|------|------|
| | | | (Psi) | (bar) | (cfm) | (m3/h) | | | | Pulgadas [mm] | (Lb) | (Kg) |
| STAR-DELTA – CORREAS Y POLEAS (B) 208-230/460V 3PH 60HZ | | | | | | | | | | | | |
| AERS-L55B_-SX | 5.5 | 14,006 | 116 | 8 | 19.4 | 33.0 | 65 | 60 | 1/2" | 31.5x24.8 x37.4 [800x623x950] | 346 | 157 |
| | | | 145 | 10 | 17.3 | 29.4 | | | | | | |
| | | | 188 | 13 | 13.5 | 22.9 | | | | | | |
| AERS-L75B_-SX | 7.5 | 19,100 | 116 | 8 | 28.4 | 48.3 | 66 | 60 | 1/2" | 31.5x24.8 x37.4 [800x623x950] | 346 | 157 |
| | | | 145 | 10 | 24.4 | 41.5 | | | | | | |
| | | | 188 | 13 | 19.8 | 33.6 | | | | | | |
| AERS-L100B_-SX | 10 | 25,466 | 116 | 8 | 41.3 | 70.2 | 66 | 75 | 1/2" | 31.5x24.8 x37.4 [800x623x950] | 485 | 220 |
| | | | 145 | 10 | 34.6 | 58.8 | | | | | | |
| | | | 188 | 13 | 27.7 | 47.1 | | | | | | |
| AERS-L150B_-SX | 15 | 38,199 | 116 | 8 | 56.8 | 96.5 | 68 | 75 | 3/4" | 33.1x28.7x39.8 [841x729x1011] | 573 | 260 |
| | | | 145 | 10 | 51.6 | 87.7 | | | | | | |
| | | | 188 | 13 | 41.2 | 70.0 | | | | | | |
| AERS-L200B_-SX | 20 | 50,932 | 116 | 8 | 73.8 | 125.4 | 68 | 90 | 3/4" | 33.1x28.7x39.8 [841x729x1011] | 591 | 268 |
| | | | 145 | 10 | 70.3 | 119.4 | | | | | | |
| | | | 188 | 13 | 56.5 | 96.0 | | | | | | |
| AERS-L250B_-SX | 25 | 63,665 | 116 | 8 | 101.7 | 172.8 | 66 | 90 | 1-1/4" | 41.7x33.9x48.8 [1059x861x1240] | 1010 | 458 |
| | | | 145 | 10 | 89.7 | 152.4 | | | | | | |
| | | | 188 | 13 | 67.8 | 115.2 | | | | | | |
| AERS-L300B_-SX | 30 | 76,398 | 116 | 8 | 121.5 | 206.4 | 66 | 110 | 1-1/4" | 41.7x33.9x48.8 [1059x861x1240] | 1091 | 495 |
| | | | 145 | 10 | 106.6 | 181.1 | | | | | | |
| | | | 188 | 13 | 86.9 | 147.6 | | | | | | |
| AERS-L400B_-SX | 40 | 101,864 | 116 | 8 | 167.0 | 283.7 | 67 | 110 | 1-1/4" | 41.7x33.9x48.8 [1059x861x1240] | 1135 | 515 |
| | | | 145 | 10 | 148.7 | 252.6 | | | | | | |
| | | | 188 | 13 | 116.9 | 198.6 | | | | | | |
| AERS-L500B_-SX | 50 | 127,330 | 116 | 8 | 216.5 | 367.8 | 70 | 130 | 1-1/2" | 76.4x42.1x70.9 [1941x1069x1801] | 2116 | 960 |
| | | | 145 | 10 | 194.6 | 330.6 | | | | | | |
| | | | 188 | 13 | 150.1 | 255.0 | | | | | | |
| AERS-L600B-SX | 60 | 152,796 | 116 | 8 | 275.8 | 468.6 | 70 | 130 | 1-1/2" | 76.4x42.1x70.9 [1941x1069x1801] | 2271 | 1030 |
| | | | 145 | 10 | 241.2 | 409.8 | | | | | | |
| | | | 188 | 13 | 200.9 | 341.3 | | | | | | |
| AERS-L750B_-SX | 75 | 190,995 | 116 | 8 | 307.0 | 521.6 | 70 | 150 | 1-1/2" | 76.4x42.1x70.9 [1941x1069x1801] | 2619 | 1188 |
| | | | 145 | 10 | 279.3 | 474.5 | | | | | | |
| | | | 188 | 13 | 249.6 | 424.1 | | | | | | |
| STAR-DELTA – ACOUPLE DIRECTO (D) 208-230/460V 3PH 60HZ | | | | | | | | | | | | |
| AERS-L250D_-SX | 25 | 63,665 | 116 | 8 | 98.2 | 166.8 | 67 | 90 | 1-1/4" | 65.4x29.9x55.9 [1661x759x1420] | 683 | 310 |
| | | | 145 | 10 | 84.0 | 142.7 | | | | | | |
| AERS-L500D_-SX | 50 | 127,330 | 145 | 10 | 172.0 | 292.2 | 67 | 130 | 1-1/2" | 76.4x42.1x70.9 [1941x1069x1801] | 1918 | 870 |
| AERS-L600D_-SX | 60 | 152,796 | 116 | 10 | 234.8 | 398.9 | 67 | 150 | 1-1/2" | 76.4x42.1x70.9 [1941x1069x1801] | 2094 | 950 |
| VARIADOR DE FRECUENCIA (VF) – ACOUPLE DIRECTO (D) 208-230/460V 3PH 60HZ | | | | | | | | | | | | |
| AERS-L150VFD_-SX | 15 | 38,199 | 116 | 8 | 15.2-63.9 | 25.8-108.6 | 64 | 90 | 3/4" | 54.3x26.8x47.2 [1379x681x1199] | 800 | 363 |
| | | | 145 | 10 | 19.1-53.3 | 32.5-90.6 | | | | | | |
| | | | 188 | 13 | 22.6-42.4 | 38.4-72.0 | | | | | | |
| AERS-L200VFD_-SX | 20 | 50,932 | 116 | 8 | 14.5-82.3 | 24.6-139.8 | 65 | 90 | 3/4" | 54.3x26.8x47.2 [1379x681x1199] | 822 | 373 |
| | | | 145 | 10 | 13.8-70.6 | 23.4-119.9 | | | | | | |
| | | | 188 | 13 | 18.7-56.5 | 31.8-96.0 | | | | | | |
| AERS-L250VFD_-SX | 25 | 63,665 | 116 | 8 | 24.7-103.1 | 42.0-175.2 | 66 | 110 | 1-1/4" | 65.4x29.9x55.9 [1661x759x1420] | 1226 | 556 |
| | | | 145 | 10 | 37.1-90.4 | 63.0-153.6 | | | | | | |
| | | | 188 | 13 | 39.9-78.7 | 67.8-133.7 | | | | | | |
| AERS-L300VFD_-SX | 30 | 76,398 | 116 | 8 | 33.2-123.6 | 56.4-210.0 | 66 | 110 | 1-1/4" | 65.4x29.9x55.9 [1661x759x1420] | 1325 | 601 |
| | | | 145 | 10 | 33.2-105.9 | 56.4-210.0 | | | | | | |
| | | | 188 | 13 | 40.5-85.5 | 68.8-145.3 | | | | | | |
| AERS-L400FD_-SX | 40 | 101,864 | 116 | 8 | 33.2-166.3 | 56.4-282.5 | 66 | 110 | 1-1/4" | 65.4x29.9x55.9 [1661x759x1420] | 1448 | 657 |
| | | | 145 | 10 | 33.2-143.4 | 56.4-243.6 | | | | | | |
| | | | 188 | 13 | 37.1-119.0 | 63.0-202.2 | | | | | | |
| AERS-L500VFD_-SX | 50 | 127,330 | 116 | 8 | 49.4-224.9 | 83.9-382.1 | 68 | 130 | 1-1/2" | 76.4x42.1x70.9 [1941x1069x1801] | 2169 | 984 |
| | | | 145 | 10 | 67.1-198.1 | 114.0-336.6 | | | | | | |
| | | | 188 | 13 | 74.2-168.4 | 126.1-286.1 | | | | | | |
| AERS-L600VFD_-SX | 60 | 152,796 | 116 | 8 | 49.4-264.8 | 83.9-449.9 | 69 | 130 | 1-1/2" | 76.4x42.1x70.9 [1941x1069x1801] | 2330 | 1057 |
| | | | 145 | 10 | 78.0-236.6 | 132.5-402.0 | | | | | | |
| | | | 188 | 13 | 77.3-204.8 | 131.3-348.0 | | | | | | |
| AERS-L750VFD_-SX | 75 | 190,995 | 116 | 8 | 60.0-317.8 | 101.9-539.9 | 70 | 150 | 1-1/2" | 76.4x42.1x70.9 [1941x1069x1801] | 2679 | 1215 |
| | | | 145 | 10 | 58.3-282.5 | 99.1-480.0 | | | | | | |
| | | | 188 | 13 | 81.6-229.5 | 138.6-389.9 | | | | | | |

X: Tipo de HMI (E: electrónica / T: táctil)

P: Unidades de presión Max. 145 Psi

2P: Unidades de presión Max. 188 Psi