

# ECO SCROLL

OIL-FREE AIR COMPRESSOR ES04-15KW

## TECHNICAL DATA



MODEL	CAPACITY (CFM)	MOTOR Kw / HP	SOUND LEVEL dBA	DIMENSIONS (base mount) (L x W x H In.)	WEIGHT (base mount) Lbs.
	116 psi				
		Kw / HP		(L x W x H In.)	Lbs.
ES04	14.5	4 / 5	57	25 1/4 x 23 3/8 x 35 1/4	331
ES08	29.0	8/10	59	40 1/8 x 29 1/2 x 65	660
ES11	42.4	12/15	61		990
ES15	56.5	16/20	63	63 x 29 1/2 x 68 1/2	1210

## FEATURES AND BENEFITS

### Clean, Oil-free Air

High quality air where oil-free air is critical

- Delivers ISO 8573-1 Class 0 clean & efficient compressed air
- No oil contamination

### Whisper Quiet

Designed for quieter operation

- Designed to be installed in applications where quiet setting is important
- Noise level between 57 and 63 dBA
  - ES04 57 dBA
  - ES08 59 dBA
  - ES11 61 dBA
  - ES15 63 dBA
- No inlet valve knocking noise
- Ultra low vibration (5mm/s or less)

### Powerful & Energy Efficient

Built to the highest levels of dependability, reliability & efficiency

- Powered by high efficient motor TEFC IE3
- Exclusive ECO-Series scroll airend
- Fixed and orbital scrolls are precisely meshed
- Centrifugal cooling fan keeps heat exchange efficient and quiet
- Check valves and safety relief valves in line to prevent back pressure to the airend
- ES04 (5HP) Delivers 14.5 CFM @ 116PSI
- ES08 (10HP) Delivers 29 CFM @ 116PSI

- ES11 (15HP) Delivers 43.5 CFM @ 116PSI
- ES15 (20HP) Delivers 58 CFM
- 100% duty cycle
- Units are start/stop controlled
- Can be oversized without harm to scroll airend

### Ecologically Conscious

Smart & environmentally conscious design

- Lower carbon footprint with environmentally friendly ISO 8573-1 Class 0 Air
- Small footprint, space saving modular design
- Unit installation in work space gives you reduced installation costs
- Promotes energy conservation by avoiding the use of oil
- Maintenance friendly
- Less moving parts results in higher reliability
- Easy to use electronic controller

### Smart user-friendly controller

User-friendly control interface with an easy-to-read display

- Informative menus allows user to program maintenance alerts for consumables
- Warning/alarm and shutdown gives you multiple protections against damaging implications
- Real-time pressure and temperature reading for real time status monitoring
- Simple and easy to operate, much like a reciprocating compressor

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More than 160 years building quality products

