Sierra Oil-Free Rotary Screw Air Compressors 90-160 kW

Sierra oil-free rotary screw compressors are ISO 8573-1:2010 Class 0 certified, delivering 100% oil-free for the most critical applications. With an efficient and robust design, these compressors are a reliable workhorse that ensure the productivity of your business.



Features

- **100% Oil-Free Air:** Meets ISO 8573-1:2001 Class 0 specifies air quality standards for processes within the food and beverage, pharmaceutical, textile, and electronics industries
- **Enhanced Reliability:** Stainless steel components, dual-vented seals, and precision machined-rotors with advanced UltraCoat protection ensure trouble-free operation
- **Smart Control to Reduce Energy Costs:** Easily accessible Xe-145 microprocessor controller provides continuous monitoring and on-board diagnosis to help optimize power consumption
- **Reduced Lubricant Change-Out:** Industry-leading Ultra Coolant delivers up to 8,000 hours of lubricant run time, as much as 8 times the life of conventional

lubricants

- **High Ambient Operation:** Long-life components are designed to withstand 46 ºC maximum ambient temperature
- **Intelligent Uptime:** Integrated with Helix™ Connected Platform, a state-of-the-art system that gives you real-time insights and data to keep your compressor operating at peak performance and reduce the risk of downtime.

Model Specifications

Model	Frequency (Hz)	Nominal Power K Wý h pý	CAPACITYFAD m3/min (cfm)	Rated Pressirebar g (psig)	L X W X H cm (in) AIR-Cooled/Water-Cooled	Weight KG (LB) AIR-Cooled/Water-Cooled
SL90	50	90 (125)	16.1 (568)	7.0 (100)	269 (106) x 159 (63) x 237/184 (93/73)	3200 (7055) / 3300 (7275)
SL110	50	110 (150)	19.4 (685)	7.0 (100)	269 (106) x 159 (63) x 237/184 (93/73)	3280 (7231) / 3380 (7452)
SL132	50	132 (200)	22.8 (804)	7.0 (100)	269 (106) x 159 (63) x 237/184 (93/73)	3350 (7385) / 3450 (7606)
SL150	50	150 (250)	25.9 (915)	7.0 (100)	269 (106) x 159 (63) x 237/184 (93/73)	3400 (7496) / 3500 (7716)
SM90	50	90 (125)	13.6 (480)	8.5 (125)	269 (106) x 159 (63) x 237/184 (93/73)	3200 (7055) / 3300 (7275)
SM110	50	110 (150)	18.0 (635)	8.5 (125)	269 (106) x 159 (63) x 237/184 (93/73)	3280 (7231) / 3380 (7452)
SM132	50	132 (200)	21.4 (756)	8.5 (125)	269 (106) x 159 (63) x 237/184 (93/73)	3350 (7385) / 3450 (7606)
SM150	50	150 (250)	24.6 (869)	8.5 (125)	269 (106) x 159 (63) x 237/184 (93/73)	3400 (7496) / 3500 (7716)
SH90	50	90 (125)	13.0 (459)	10.0 (150)	269 (106) x 159 (63) x 237/184 (93/73)	3200 (7055) / 3300 (7275)
SH110	50	110 (150)	15.4 (544)	10.0 (150)	269 (106) x 159 (63) x 237/184 (93/73)	3280 (7231) / 3380 (7452)
SH132	50	132 (200)	18.8 (664)	10.0 (150)	269 (106) x 159 (63) x 237/184 (93/73)	3350 (7385) / 3450 (7606)
SH150	50	150 (250)	22.1 / 780	10.0 (150)	269 (106) x 159 (63) x 237/184 (93/73)	3400 (7496) / 3500 (7716)
L125	60	90 (125)	16.6 (586)	7.0 (100)	269 (106) x 159 (63) x 237/184 (93/73)	3200 (7055) / 3300 (7275)
L150	60	110 (150)	19.6 (691)	7.0 (100)	269 (106) x 159 (63) x 237/184 (93/73)	3280 (7231) / 3380 (7452)
L200	60	132 (200)	25.8 (912)	7.0 (100)	269 (106) x 159 (63) x 237/184 (93/73)	3400 (7496) / 3500 (7716)
H125	60	90 (125)	14.8 (524)	8.5 (125)	269 (106) x 159 (63) x 237/184 (93/73)	3200 (7055) / 3300 (7275)
H150	60	110 (150)	19.6 (691)	8.5 (125)	269 (106) x 159 (63) x 237/184 (93/73)	3280 (7231) / 3380 (7452)
H200	60	132 (200)	24.2 (855)	8.5 (125)	269 (106) x 159 (63) x 237/184 (93/73)	3400 (7496) / 3500 (7716)
H250	60	150 (250)	30.3 (1070)	8.5 (125)	305 (120)x193(76)x244/203 (96)	4000 / 8820
HH125	60	90 (125)	13.5 (477)	10.0 (150)	269 (106) x 159 (63) x 237/184 (93/73)	3200 (7055) / 3300 (7275)
HH150	60	110 (150)	16.0 (566)	10.0 (150)	269 (106) x 159 (63) x 237/184 (93/73)	3280 (7231) / 3380 (7452)
HH200	60	132 (200)	21.5 (760)	10.0 (150)	269 (106) x 159 (63) x 237/184 (93/73)	3400 (7496) / 3500 (7716)

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