



Sierra Oil-Free Rotary Screw Air Compressors 37-75 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°C maximum ambient temperature



Model Specifications

Model	Frequency (Hz)	Nominal Power KW/HP	CAPACITY-FAD m ³ /min (cfm)	Rated Pressure bar g (psig)	L X W X H cm (in) AIR-Cooled/Water-Cooled	Weight KG (LB) AIR-Cooled/Water-Cooled
SL37	50	37 (50)	6.0 (212)	7.0 (100)	225 (89) x 137 (54) x 192 (75)	2387 (5263) / 2410 (5314)
SL45	50	45 (60)	7.7 (272)	7.0 (100)	225 (89) x 137 (54) x 192 (75)	2248 (5506) / 2520 (5556)
SL55	50	55 (75)	9.6 (339)	7.0 (100)	225 (89) x 137 (54) x 192 (75)	2577 (5682) / 2600 (5733)
SL75	50	75 (100)	12.7 (448)	7.0 (100)	225 (89) x 137 (54) x 192 (75)	2682 (5914) / 2705 (5965)
SM37	50	37 (50)	5.1 (180)	8.5 (125)	225 (89) x 137 (54) x 192 (75)	2387 (5263) / 2410 (5314)
SM45	50	45 (60)	6.5 (230)	8.5 (125)	225 (89) x 137 (54) x 192 (75)	2248 (5506) / 2520 (5556)
SM55	50	55 (75)	8.8 (311)	8.5 (125)	225 (89) x 137 (54) x 192 (75)	2577 (5682) / 2600 (5733)
SM75	50	75 (100)	11.6 (410)	8.5 (125)	225 (89) x 137 (54) x 192 (75)	2682 (5914) / 2705 (5965)
SH55	50	55 (75)	7.7 (272)	10.0 (150)	225 (89) x 137 (54) x 192 (75)	2577 (5682) / 2600 (5733)
SH75	50	75 (100)	10.7 (37)	10.0 (150)	225 (89) x 137 (54) x 192 (75)	2682 (5914) / 2705 (5965)
L50	60	37 (75)	6.1 (216)	7.0 (100)	225 (89) x 137 (54) x 192 (75)	2318 (5110) / 2318 (5110)
L60	60	45 (60)	7.6 (268)	7.0 (100)	225 (89) x 137 (54) x 192 (75)	2433 (5364) / 2433 (5364)
L75	60	55 (75)	9.5 (336)	7.0 (100)	225 (89) x 137 (54) x 192 (75)	2433 (5364) / 2433 (5364)
L100	60	75 (100)	12.0 (424)	7.0 (100)	225 (89) x 137 (54) x 192 (75)	2495 (5500) / 2495 (5500)
H50	60	37 (75)	5.3 (186)	8.5 (125)	225 (89) x 137 (54) x 192 (75)	2318 (5110) / 2318 (5110)
H60	60	45 (60)	6.6 (232)	8.5 (125)	225 (89) x 137 (54) x 192 (75)	2433 (5364) / 2433 (5364)
H75	60	55 (75)	8.2 (290)	8.5 (125)	225 (89) x 137 (54) x 192 (75)	2433 (5364) / 2433 (5364)
H100	60	75 (100)	11.6 (411)	8.5 (125)	225 (89) x 137 (54) x 192 (75)	2495 (5500) / 2495 (5500)
HH75	60	55 (75)	7.6 (268)	10.0 (150)	225 (89) x 137 (54) x 192 (75)	2433 (5364) / 2433 (5364)
HH100	60	75 (100)	11.1 (390)	10.0 (150)	225 (89) x 137 (54) x 192 (75)	2495 (5500) / 2495 (5500)

Parts & Accessories



Air Compressor Tanks



SimplAir Compressed Air Piping



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