

Oil-less Scroll Air Compressors

ULTRACECO SCR

Industrial Hospital Compressed Air Systems



ULTRACECO SCR

At the forefront of compressed air and vacuum technology Ultra Controlo introduces the totally oil-less scroll compressor ULTRACECO SCR series. This range of ULTRACECO SCR compressors aims to satisfy all the needs of oil-free compressed air for many different industrial applications and medicine.

In addition to the compressor group, ULTRACECO SCR can be completed as a work station integrating an air receiver, dryers and filters, thus making it a complete compressed air feeding plant. The air quality will match the application requirements.

With a permanent staff of engineers Ultra Controlo can take full responsibility for the compressed air infrastructure, ensuring better air quality in the desired class. Our aim is to always provide state-of-the-art products to meet and exceed your requirements. We always work in the best interests of those who elect us as supplier or our brands, contributing to their success and providing the energy to win.

Innovative Air End Design

Patented taper rotor design optimized for efficiency;

Stainless steel coating robotically applied to rotors in both 1st and 2nd stages provides superior corrosion resistance and durability;

Patented PTFE-free rotary coating designed for long life;

Coating specifically engineered to help ensure rotor tolerances remain consistent — maximizing discharge capacity over the life of the unit;

Stator housing coated to provide additional corrosion protection.



THE SMART CHOICE

Patented Oil Mist Remover

Environmentally friendly solution to recapture gearcase oil mists;
 Helps ensure oil free air compression;
 Recycles gearcase oil to reduce oil toffoffs needed;
 Helps promote a cleaner production environment.

Package Designed to Optimize Energy Efficiency and Oil Free Operation

SCR models feature a Patented No Inlet Valve Design
 Eliminates negative pressure at unloading — helping increase shaft seal reliability
 Fixed speed models feature patented 3 or 5 way solenoid valve
 Interstage air purging
 Provides energy savings when unloading
 Patented High Pre-Cooler Design
 Redundant cooler helps prevent thermal fatigue and cooler failure
 Helps reduce moisture content in compressed air

Motorized Isolation Valve

Automatically closes compressed air discharge when SCR shuts off, protecting the compressor from condensate backflow.

Includes these key features:

Phase Monitor — providing protection from electrical issues.

Noise-reducing package including:

Full enclosure as standard;
 Mechanical and electrical vibration isolation;
 VSD fan;
 VSD packages under 75kw include DCBL motors.

Maintenance and service friendly features including:

External grease fittings on 37kw motors and larger;
 Easy access to air and oil filter elements.

Controller features include:

Simple LCD monitor screen;
 Lead/Lag capability;
 Optional communication protocols include MODBUS and BACnet;
 Gearbox lubrication features Sullair AWF® fluid for wide range of temperature applications.

Technical Specifications

FIXED SPEED – 60 HZ

MODEL ULTRACECO SCR	POWER		PRESSURE psig	PERFORMANCE m ³ /min	WEIGHT kg	DIMENSIONS	dBA
	hp	kw				W x D x H	
SCR 22	30	22	125	3.3	1130	60.3 x 45.3 x 65	69
SCR 30	40	30	125	4.0	1200	60.3 x 45.3 x 65	70
SCR 37	50	37	125	4.7	1200	60.3 x 45.3 x 65	71
SCR 45	60	45	125	6.5	1520	78.8 x 51.2 x 70.9	72
SCR 55	75	55	125	7.7	1520	78.8 x 51.2 x 70.9	72
SCR 75	100	75	125	11.1	1810	88.6 x 51.2 x 70.9	72
SCR 90	125	90	125	15.4	2380	84.6 x 59.8 x 77.8	77
SCR 110	150	110	125	17.3	2540	84.6 x 59.8 x 77.8	79
SCR 132	175	132	125	21.0	3900	114.2 x 75.2 x 75.8	77
SCR 145	200	145	125	22.8	3900	114.2 x 75.2 x 75.8	78
SCR 160	215	160	125	25.3	4000	114.2 x 75.2 x 75.8	78
SCR 200	250	200	125	33.1	5200	126 x 82.3 x 76.8	80
SCR 240	300	240	125	36.7	5200	126 x 82.3 x 76.8	81
SCR 45	60	45	125	6.7	1660	78.8 x 51.2 x 70.9	65
SCR 55	75	55	125	7.9	1660	78.8 x 51.2 x 70.9	65
SCR 75	100	75	125	11.3	1490	78.8 x 51.2 x 70.9	70
SCR 90	125	90	125	15.6	2280	84.6 x 59.8 x 71.9	75
SCR 110	150	110	125	17.6	2440	84.6 x 59.8 x 71.9	76
SCR 132	175	132	125	21.8	3800	98.4 x 63 x 75.8	74
SCR 145	200	145	125	23.7	3800	98.4 x 63 x 75.8	75
SCR 160	215	160	125	26.2	3800	98.4 x 63 x 75.8	75
SCR 200	250	200	125	33.1	4800	110.2 x 70.9 x 76.8	75
SCR 125	300	240	125	36.9	4800	110.2 x 70.9 x 76.8	76

Technical Specifications

VARIABLE SPEED – 60 HZ

MODEL ULTRACECO SCR-X	POWER		PRESSURE psig	PERFORMANCE m ³ /min	WEIGHT kg	DIMENSIONS	dBA
	hp	kw				W x D x H	
						mm	
SCR-X 37	50	37	125	4.6	960	60.3 x 45.3 x 65	72
SCR-X 55	75	55	125	7.7	1350	78.8 x 51.2 x 70.9	70
SCR-X 75	100	75	125	10.9	1580	88.6 x 51.2 x 70.9	72
SCR-X 90	125	90	125	15.4	2480	84.6 x 59.8 x 77.8	77
SCR-X 110	150	110	125	17.3	2530	84.6 x 59.8 x 77.8	79
SCR-X 55	75	55	125	8	1330	78.8 x 51.2 x 70.9	66
SCR-X 75	110	75	125	11.4	1420	78.8 x 51.2 x 70.9	69
SCR-X 90	125	90	125	15.6	2380	84.6 x 59.8 x 71.9	75
SCR-X 110	150	110	125	17.6	2430	84.6 x 59.8 x 71.9	76
SCR-X 160	215	160	125	26.2	4000	98.4 x 63 x 75.8	75
SCR-X 240	300	240	125	36.9	5100	110.2x70.9x76.9	76

