

Technical Specification Guide

Rotary Screw Air Compressor SSR M90 - M110

Standard Features

- Reliable robust construction
- INTELLISYS microprocessor
 - ✓ High level investment protection
 - ✓ Energy saving control
 - ✓ Contacts for remote start/stop and remote common trip alarm
- Cost saving SSR ULTRA COOLANT
- Maintenance free integral gear drive
- High ambient (46°C) construction
- Air cooled oil and aftercooler
- Quality air discharge, CTD 8°C
- 400V, 3 ph, 50 Hz IP55 4 pole motor
- Condensate separator and drain tap
- Quiet operation
- Integral Star/Delta starter

Optional Features

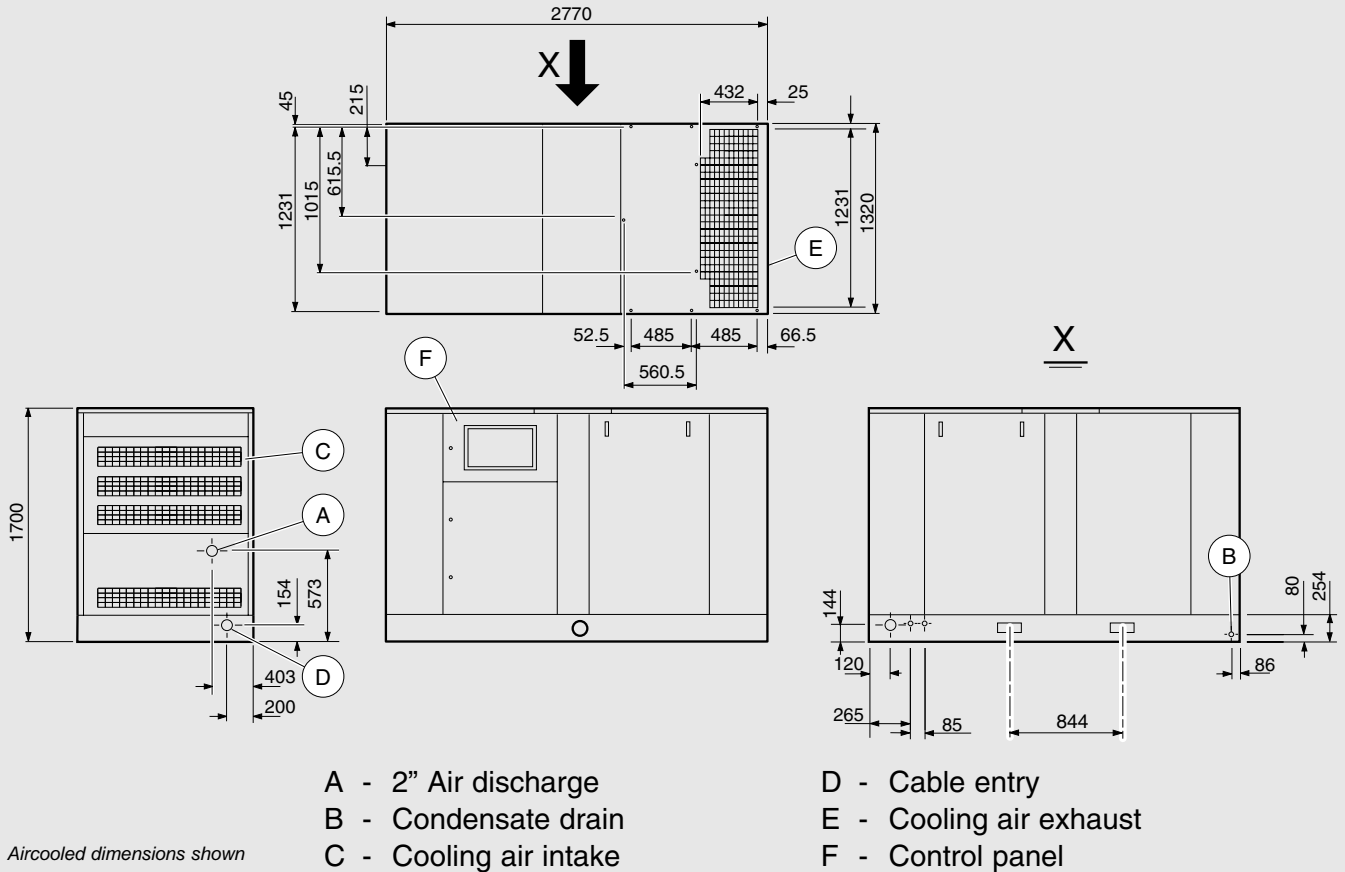
- Power outage restart option
- Drive motor variations
- Water-cooled models
- Upper range modulation control
- Deletion of moisture separator



These high specification & highly efficient compressors employ Ingersoll-Rand's unique INTELLISYS microprocessor. Sensors within the compressor package allow the controller to monitor all operating parameters continuously. In the event of deviation from pre-programmed limits, warnings or protection of the compressor is automatic. A touch panel allows the user to display information and make operating adjustments.

The INTELLISYS microprocessor provides optimum efficiency and cost effective operation. With its unique power conservation system the controller monitors the compressor's operating cycle and reduces off-load running time to a minimum.

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Aircooled dimensions shown

Model	Rated Pressure		Nominal Motor Power		Capacity		Noise Level dB(A)	Weight Kg
	Bar g	Psig	kW	Hp	m ³ /min	cfm		
ML90	7.5	109	90	125	16.7	590	76	2430
MM90	8.5	123	90	125	15.3	540	76	2430
MH90	10	145	90	125	14.0	494	76	2430
MU90	13	189	90	125	11.5	406	76	2430
ML110	7.5	109	110	150	20.0	706	76	2580
MM110	8.5	123	110	150	19.2	678	76	2580
MH110	10	145	110	150	17.5	618	76	2580
MU110	13	189	110	150	14.5	512	76	2580

Package capacity measured according to ISO 1217:1996 Annex C inlet pressure 1 bar, inlet temperature 20°C. Capacities measured with working pressures of: ML @ 7.5 Bar g; MM @ 8.5 Bar g; MH @ 10.0 Bar g; MU @ 13.0 Bar g. Sound levels measured in accordance with PNEUROPC-CAGI free field test codes.

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