

# Oil-Flooded Rotary Screw Air Compressors

The RM220i air compressor delivers the peace of mind you need in a reliable, time-tested package that lowers your operating costs and boosts productivity.

## World-class Performance

- **Intuitive KT controller** provides comprehensive access to your compressed air system (up to 8 integrated compressors) whether on site with our easy to use compressor interface or across the world through a remote monitoring device
- **Convenient top exhaust** facilitates easy ducting for removal or recovery of exhaust heat
- **Readily accessible components** housed behind a removable panel for easy serviceability



- **New innovative airend design** delivers improved efficiency and best-in-class airflow capacity
- **High-reliability O-ring fittings**, 46°C ambient rating and rugged nuisance failures

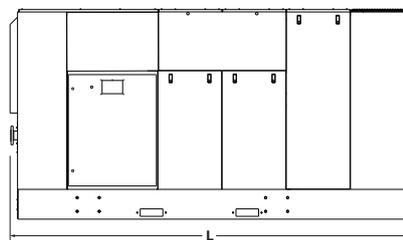
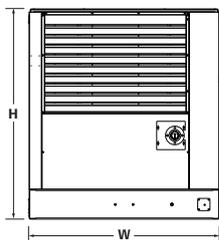
- **Air- or water-cooled packages** available to fit the needs of your compressed air system
- **Extended-life Ingersoll Rand ULTRA EL coolant** lasts up to 16,000 hours to ensure increased uptime



### 50 Hz Performance

Model	Max. Pressure barg	Nominal Power kW	Capacity (FAD)* m <sup>3</sup> /min	Dimensions (Length x Width x Height) mm	HV Unit Dimensions (Length x Width x Height) mm	Low Voltage Weight kg	High Voltage Weight kg
RM220I-A7.5	7.0	220	44.6	4000 x 1930 x 2146	4650 x 1930 x 2146		4688
RM220I-A8.5	8.5	220	43.2	4000 x 1930 x 2146	4650 x 1930 x 2146		4688
RM220I-A10	10.0	220	38.8	4000 x 1930 x 2146	4650 x 1930 x 2146		4688

\* FAD (Free Air Delivery) is full package performance including all losses, tested per ISO 1217:2009 Annex C



# RM220i Compressor Features

Category	Description	Standard	Optional
<b>Main Motor</b>	IP 23 motor	✓	
	IP 55 motor		✓
	High ambient rated 46°C	✓	
	Class F insulation B temperature rise	✓	
<b>Controller</b>	Full compressor diagnostic with alarm history	✓	
	Automatic maintenance indication	✓	
	Load/unload capacity regulation system	✓	
	Power conservation system	✓	
	Remote monitoring and control by ethernet connection	✓	
	Automatic start/stop shut down timer	✓	
	Remote load and unload	✓	
	Modulation control	✓	
	Power Outage Restart Option (PORO)		✓
	Multiple compressors system controllers		✓
	Visualisation system		✓
	<b>Power</b>	Star/delta starter	✓
Soft starter			✓
Phase monitor			✓
Voltage - 400 V +/-10%		✓	
Voltage - 6k, 10k			✓
High-voltage motor heaters		✓	
Low-voltage motor heaters			✓
Thermal protection for main motor			✓
<b>Lubricant</b>	16,000-hour life UltraCoolant	✓	
	Food grade coolant		✓
<b>Environmental</b>	Low noise enclosure	✓	
	IP55/NEMA 4 enclosure protection		✓
	Designed to help meet ISO 14000 obligations	✓	
	Oil containing frame	✓	
<b>Auxiliary Systems</b>	Cooling fan for air-cooled compressors	✓	
	Water separator and drain valve	✓	
	High dust air filter		✓
	Water-cooled		✓
	Seawater-cooled		✓
<b>Convenience</b>	Single point connectivity	✓	
	Steel skid, no foundations needed	✓	
<b>Services</b>	Factory standard warranty (12/18)	✓	
	UltraCare 5-year maintenance program		✓
<b>Documentation</b>	Performance test certificate	✓	
	Witness test certificate		✓



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