



▶▶▶ RMA IVR  
7.5 - 15 kW

Flexible, efficient, smart:  
Advanced reliability in  
compressed air





## ▶▶▶ RMA 7.5-15 IVR Direct driven

Compressed air drives your company. Consequently, choosing the right compressor is crucial. Going for our RMA IVR range of highly efficient and flexible oil-injected screw compressors is a choice you will not regret. Bring some fresh air into your company and enjoy the strong performance and high efficiency that come with it.

The new RMA IVR closely follows the air demand by automatically adjusting the motor speed. Combined with the innovative design of its direct driven transmission, this results in up to 35% of energy savings and drastically cuts down the lifecycle cost of the compressor by up to 25%.

## User benefits

### Simple Installation

- Compact and all in one system
  - Installed on air receiver
  - Standard available dryers with pre and post filters
  - Very low noise level
  - Easily installed in a compressor room or very close to the air usage point
  - Less than one square meter
- Compressed air quality can be improved by the cyclonic water separator
- Innovative design
- Easy and fully protected transport (wooden crate optional on request)
- No special foundation needed

### Solid Quality

Outstanding and first-class components:

- Highly reliable transmissions, for a quiet and trouble-free operation
- High capacity oil/air coolers, perfect air filtration and cooling guarantee less thermal shocks and a longer lifetime
- Overload protection and full automatic control
- High quality and heavy duty motor

### Easy Maintenance and Accessibility

- All service components located at the front of the machine for excellent accessibility
- Open the front door for easy access for servicing, cleaning the coolers or replacing oil filter, separator and air filter
- Oil-level eye at the front visible without removing the front panel
- Easy and quick check thanks to service door and controller
- Service and cleaning is a one person job

### Saving of costs

- Lower energy consumption thanks to IVR technology and direct transmission
- Optimal efficiency, lubrication and cooling
- Long service intervals

### Safety

- Emergency stop
- Protection grid
- IP 54 electrical cubicle
- Internal and external protection of the electric fan

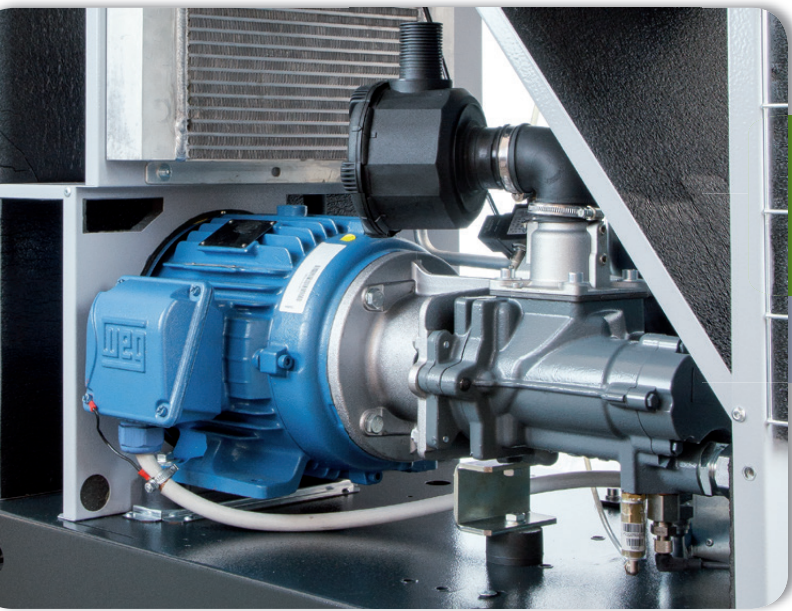
### ▶▶▶ Optional and standard features

OPTIONS LIST	Factory	Sales
ES 4000 ADVANCED CONTROLLER	✓	✗
ES 4000 ADVANCED CONTROLLER + MULTIOLOGIC CONNECTION	✓	✗
FOOD GRADE OIL	✓	✗
8000H OIL	✓	✗
INTERNAL WATER SEPARATOR	✓	✓
ZERO LOSS DRAIN + WATER SEPARATOR	✓	✓
COALESCENT PRE- AND POSTFILTERS	Standard with integrated dryer	✗
AIR RECEIVER WITH TIMER DRAIN	Standard	✗
SUPER SILENCING BAFFLE	✓	✓
WOODEN PACKAGE	✓	✗

✓ = available ✗ = not available



## SMART TECHNICAL ADVANTAGES



The new direct drive IVR version grants very low specific energy requirements and one of the widest turndowns of its category.

### IMPROVED AIR QUALITY

- thanks to
- the new filters
  - the wet vessel and
  - the oversized dryers



### VERY BIG AIR OIL COOLER AND OPTIMIZED AIR FLOW MAKE FOR AN EFFICIENT COOL DOWN

The air and oil filters as well as the oil vessel are easy to be reached from the main front panel allowing for easy and fast servicing. Whereas the standard filtration panel already extends service intervals.

# YOUR ENERGY EFFICIENT AND SOLID PERFORMANCE

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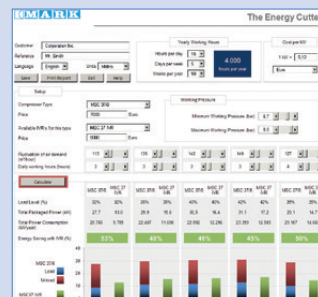


RMA 11 IVR TM 500 D

- 1 prefiltration panel
- 2 emergency stop
- 3 ES4000
- 4 oil separator
- 5 air tank with forklifts bars
- 6 electrical cubicle
- 7 converter
- 8 air filter
- 9 air end
- 10 motor
- 11 fan motor
- 12 direct transmission (IVR)
- 13 pre- and postfilters
- 14 dryer

## ▶▶▶ Energy audit

A frequency driven compressor potentially offers a very energy efficient compressed air installation, with a return on investment of typically 1-2 years. To help you decide to go with a frequency driven compressor or not, MARK has created the Energy Cutter, a tool which calculates in an easy way and visually presents the yearly savings that can be obtained from investing in a frequency driven compressor for any specific industry. Besides the Energy Cutter tool, MARK offers energy audits, specialized advice to make sure you make the right decision when buying your compressor.



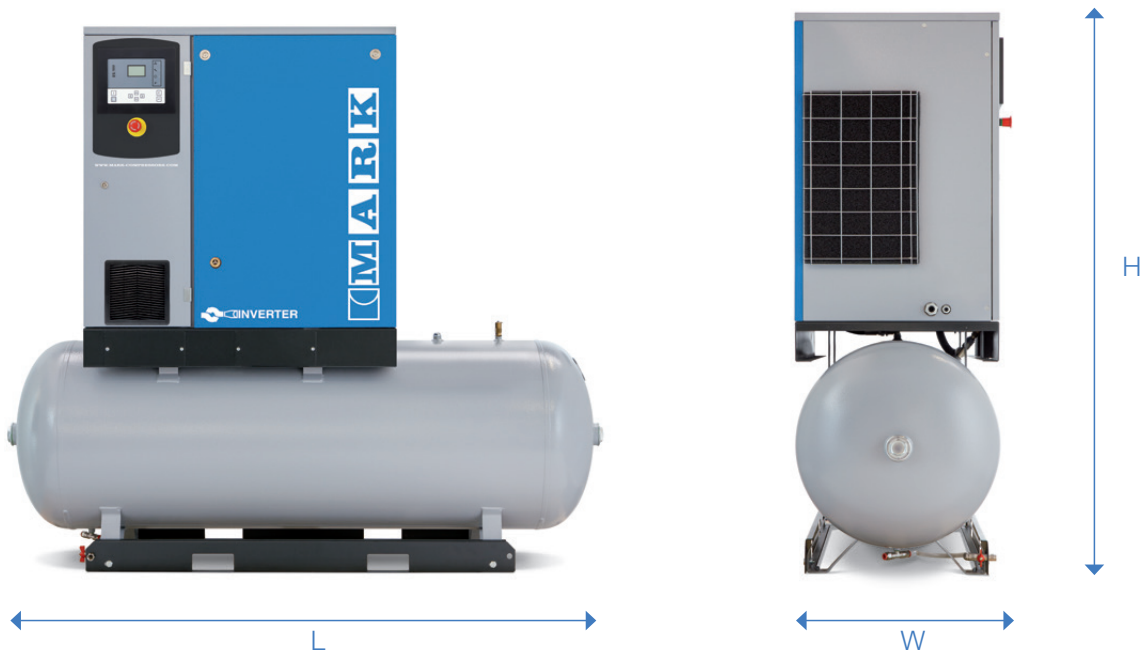
# TECHNICAL DATA



VARIABLE SPEED	Min. working pressure	Max. working pressure	Free Air Delivery @ reference conditions *										Motor power		Noise level **	Cooling air flow
			Min FAD		Max. FAD											
			7 bar	5 bar	7 bar	9,5 bar	12,5 bar									
Model	BAR / PSI	BAR / PSI	m <sup>3</sup> /h	cfm	m <sup>3</sup> /h	cfm	m <sup>3</sup> /h	cfm	m <sup>3</sup> /h	cfm	m <sup>3</sup> /h	cfm	kW	hp	dB(A)	m <sup>3</sup> /h
<b>RMA 7.5 IVR</b>	5,5-80	12,5-181	16,3	9,4	75,5	43,8	73,5	42,7	63,5	36,9	50,0	29,0	7,5	10	62	2200
<b>RMA 11 IVR</b>	5,5-80	12,5-181	15,9	9,2	111,7	64,9	109,4	63,5	88,2	51,2	72,3	42,0	11	15	64	2200
<b>RMA 15 IVR</b>	5,5-80	12,5-181	15,5	9,0	137,2	79,7	133,0	77,2	111,5	64,8	83,6	48,5	15	20	65	2200

\* Free Air Delivery measured according ISO 1217 ed. 4 2009

\*\* Sound level measured according to ISO 2151: 2004 using ISO 9614/2



## Weight and dimensions

Model	WEIGHT (kg)				
	FM	270L tank	500L tank	270L tank D	500L tank D
<b>RMA 7.5 IVR</b>	227	319	393	353	427
<b>RMA11 IVR</b>	243	335	409	371	445
<b>RMA 15 IVR</b>	246	338	412	391	465

DIMENSIONS (mm)			
Variant	Length	Width	Height
<b>FM</b>	995	655	1045
<b>TM 270L</b>	1535	655	1535
<b>TM 270L (with dryer)</b>	1535	655	1550
<b>TM 500L</b>	1935	655	1665
<b>TM 500L (with dryer)</b>	1935	655	1680

Oil injected screw compressors, gear and direct driven

RMA IVR

**MARK**



- A high quality product offering you **technology you can trust**.
- Our products are **easy to use** and guarantee high **reliability**.
- Distributors are always nearby ensuring **availability** of both products and support.
- Choosing our high performance products entails a **partnership** that will boost your business.
- Safeguarding long-term productivity through optimal **serviceability** and use of original parts.



Care. Trust. Efficiency.

**Care.**

Care is what service is all about: professional service by knowledgeable people, using high-quality original parts.

**Trust.**

Trust is earned by delivering on our promises of reliable, uninterrupted performance and long equipment lifetime.

**Efficiency.**

Equipment efficiency is ensured by regular maintenance. Efficiency of the service organization is how Original Parts and Service make the difference.

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