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MASIA
Compressors



Model: MA-22 (30 HP)

Flow rate: 128 cfm

Pressure: 125 psi



Model	Power	Flow rate	Pressure
MA-22	30 HP	128 cfm	125 psi



MASIA
Group

MASIA
Compressors

masia
Logistics

MASIA
Digital

MASIA
Didactic

MASIA
Pneumatic

MASIA
Industrial

MASIA is specialized in different production, technical, commercial, logistical, and organizational activities. These factors, the process strategy, and the key vertical integration functions, together with the customer focus, are a guarantee of success, offering high-quality products with high technological content.

Masia Compressors is a division of Masia Group, specialized in the manufacturing and supply of air compressors and systems for the treatment, distribution, and storage of air for all industrial sectors. As well as parts and spare parts for its compressors. In addition, it provides advice for the development of projects and specialized technical support.



1

Airend manufactured in Germany under strict quality standards and SKF bearings for a long service life.

2

Separator tank manufactured to reduce pressure leaks and energy losses, obtaining excellent air quality with low lubricant levels.

5

Stainless steel pipes that reduce oil leaks by a high percentage, designed to withstand high and low temperatures and resistant to high pressure.

3

Premium quality electric motor with IP54/55 protection (Class F) protected from dust and chemicals.

4

Heat exchangers made of high-quality aluminum, whose fan motor operates depending on the oil temperature, reducing its wear and energy cost.

6

Electric panel designed with German components, sealed to prevent dust from entering. Includes protections to ensure the optimal performance of the equipment.



Why use air dryers?

Untreated compressed air contains moisture, aerosols and particles that can damage your air system and contaminate your final product, increasing the risk of corrosion and increasing the presence of leaks in your compressed air distribution system. Maintenance cost can exceed air treatment costs. Therefore, an air dryer is essential to protect your systems and processes



Low maintenance costs

- The use of environmentally friendly and energy-efficient R410a refrigerant reduces operating costs
- Crossflow heat exchanger technology with low Pressure drop, saving energy and cost.
- Zero compressed air waste thanks to no-loss condensate drainage.
- Advanced control functions ensure dry air in all circumstances and prevent freezing at low load.
- Pressure dew point of 3 ° C / 37 ° F (100% relative humidity at 20 ° C / 68 ° F).

Remote control

Remote control available for our compressors allows you to monitor and optimize the performance of your equipment. To maximize energy efficiency, you can control your compressor from your computer or smartphone and modify all its operating parameters



Remote control advantages

- With remote monitoring, you can control your compressor, helping you to save energy and reduce costs.
- It allows you to monitor your compressed air system
- You can see alerts and potential problems in your compressor



Technical specifications and working parameters for the unit

Model	MA-22 (30 HP)
Atmospheric pressure (Kg/cm ²)	1.033
Compressor stages	1
Ambient temperature (°F)	≤114
Relative humidity (%)	80
Compressor speed (rpm)	3,550
Discharge temperature (°F)	≤ Ambient temperature + 59 °F
Displacement control (%)	50~100
Motor type	YE2-160L1-2 B35
Motor speed (rpm)	3,550
Motor efficiency (%)	91.3
IP / Insulation class	54 / F
Service factory	1.2
Fan motor model	YLS-0.25kw-4P (400FZL)
Fan power (kW)	0.25
Air cooling volume (m ³ /hr)	5,300
Voltages (Modificable)	220Vac, 230Vac, 440Vac, 460Vac ó 480Vac / 60Hz / 3 ph
Voltage range	±10%
Drive method	Direct drive
Starting method	Star-Delta
Protection devices	High temperatura, high voltaje, phase fault, high amps, unstable voltage
Oil viscosity	ISO 46
Oil quantity (gal)	3.70
Noise level dB	66±3
In/out connection (inch)	1-1/4
Weight (lb)	925
Measurements (inch)	52" x 33" x 40"

Model	Working pressure		Capacity FAD		Power	
	bar(e)	psig	L/min	Cfm	kW	HP
MA-22	7.5	109	3.709	131	22	30
	8.5	125	3.624	128		
	10.5	150	3.511	124		
	13.0	189	2.378	84		



LIST OF MAIN COMPONENTS

Item	Brand	Origin	
Airend		Germany	
Electric motor		China	
Bearings		Sweden	
Intake valve		Austria	
Pressure sensor		Denmark	
Electrical system		France	
Controller		Belgium	
Filters and oil		Germany	
Coupling		Germany	
Drain valve		Italy	



MASIA IN THE WORLD

MASIA

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