



## Smart and Simple Compressed Air Solutions

MSS 4 - 75 kW Oil-injected Screw Compressors

MSS 7.5 kW - 75 kW Variable Speed Screw Compressors

MDS 35 CFM - 1000 CFM Refrigerated Dryers

GC-V 45 CFM - 1500 CFM Compressed Air Filters



# Refrigerated Dryer

## User Benefits

### Reliability

- Mark brand
- Worldwide reputation of over 50 years
- Reliable components
- Largest air dryer manufacturer
- Fault alarm function

### Simplicity

- Compact design
- Simple technology
- Easy maintenance
- Simple controller
- Simple timer solenoid drain
- On-off switch

### Uncompromised Quality

- ISO 9001·ISO 14001 quality assurance
- OHSAS 18001 quality assurance
- World renowned refrigerant compressor
- Industry proven fan motor
- In-house engineered condenser and evaporator
- International standard refrigeration gases

### Easy Installation & Serviceability

- Inlet-outlet from the top
- Flexible placement allowed backside to the wall
- Easily serviceable
- Easy setting of drain intervals
- Easily removable side panels

## PDP Indicator

The operation of the MDS dryer is monitored by an electronic controller indicating all relevant information:

## Technical Details:

- Status of the refrigerant dryer
- Status of the fan
- Dewpoint indication

## Simple Timer Operated Drain Discharge

The refrigerant dryer range is equipped with a simple timer operated condensate drain discharge. Easy to set and adjust the condensate drain interval and drain operating period. Highest quality brand in Industry, reliable and efficient.



# The Smart Choice for High Reliability Components

### 1 Refrigerant Compressor

Driven by an electric motor, cooled using refrigerant fluid and protected against thermal overload

### 2 HGB Valve

Bypass the extra capacity in low condition, sufficiently avoid ice block

### 3 3-in-1 Aluminum Heat Exchanger

With integrated air-to-air heat exchanger, air to refrigerant evaporator, and water separator. High efficient heat transfer & high efficient water separate, low pressure drop

### 4 Refrigerant Condenser

Air-cooled and with a large exchange surface for efficient thermal exchange

### 5 Motor-driven Fan

For the condenser cooling air flow

### 6 Automatic Discharge of Condensate

- User adjustable
- Timer solenoid drain
- Reliable
- Proven design

### 7 On/Off Switch

Reliable simple on/off switch to turn on and off the dryer

### 8 Control Panel

Indicating all relevant information



# Technical Data - Refrigerated Air Dryer

Model	Max Working pressure	Air Treatment Capacity			Nominal Power	Electrical	Connection	Dimension	Weight	Refrigerant
	Bar	l/s	CFM	m³/hr	kW	V/Ph/Hz	G	L×W×H (mm)	kg	Gas
MDS 10	13	17	35	60	0.22	230/1/50	G3/4"	430x354x463	30	R 134a
MDS 13	13	22	46	78	0.36	230/1/50	G3/4"	548x400x615	36	R 134a
MDS 21	13	35	74	126	0.37	230/1/50	G3/4"	548x400x615	38	R 134a
MDS 40	13	67	141	240	0.7	230/1/50	G1"	600x520x750	56	R 410A
MDS 66	13	110	233	396	1.05	230/1/50	G1.5"	600x520x750	58	R 410A
MDS 85	13	142	300	510	1.1	230/1/50	G1.5"	650x650x875	75	R 410A
MDS 105	13	175	371	630	1.15	230/1/50	G2"	650x650x875	79	R 410A
MDS 140	13	233	494	840	1.4	230/1/50	G2"	752x745x960	102	R 410A
MDS 175	13	292	618	1050	1.65	230/1/50	G2"	752x800x1020	119	R 410A
MDS 220	13	367	777	1320	2.65	230/1/50	G2.5"	927x795x1126	168	R 410A
MDS 260	13	433	918	1560	2.9	230/1/50	G2.5"	927x795x1126	174	R 410A

## Environmental Friendly Refrigerant Gases

A key objective in the design of the MDS dryer was to deliver a product that offers performance, reliability and safety with the lowest possible environmental impact.

Environmental friendly thanks to the use of R134a and R410A gas

- No impact on the ozone layer
- R410A gas has exceptional properties:
  - Very low global warming potential (GWP)
  - Energy saving by use of rotary refrigerant compressor



Only original parts extend your compressor's lifetime, reduce maintenance costs and maximize efficiency.



# Unparalleled Expertise



Availability



Reliability



Partnership



Safety



Serviceability



Simplicity

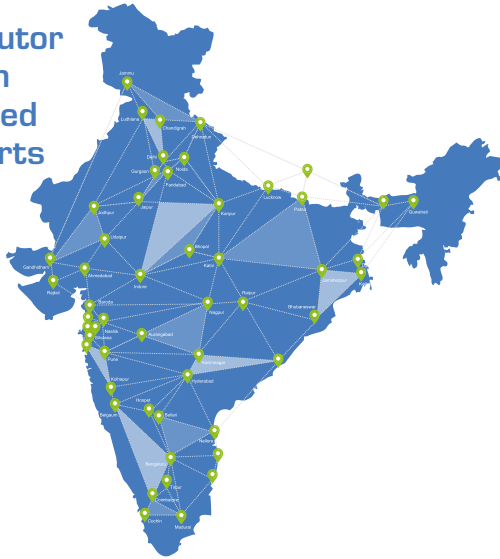


Quality



More Savings

Wide Distributor  
Network with  
Factory-trained  
Service Experts



Care. Trust. Efficiency.



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