

Performance in
accordance
with ISO 7183

ELGI

REFRIGERATED AIR DRYER



- Tropicalised
- Low pressure drop
- Non cyclic
- Compact
- Suitable for
180-260/360-460 volts
- Environment Friendly - R 134A



RWTUV

Why is Dry Compressed Air necessary ?

The ambient air given off by any compressor always contains water vapour. This depends on the ambient temperature and the relative humidity. When air is compressed, the volume decreases proportionally. This results in condensate formation. Condensate causes corrosion in compressed air pipe line, increases tool wear, faults in pneumatic controls, delayed response time, expensive down time, etc. Compressed air dryers are used to separate the condensate and contaminants. Elgi offers the best and reliable solution Airmate dryers.

Advantages of Elgi Airmate Dryers

- Low Pressure drop : 0.2 kg/cm²
- Heat Exchanger : Efficient heat transfer, Non fouling, no pre filter.
Lowest operating cost
- Non cyclic : Continuous operation, low wear and tear.
Increased durability of the dryer.
- Cooling : Air cooled. Designed to eliminate
the expensive cooling water system.
- Tropicalised machine : Suitable for high ambient conditions.

Technical specification

Model	Flow		Max. Pressure kg/cm ²	Power (volts)	Dimensions L x B x H mm	Weight kgs.
	Cfm	m ³ /min				
ELRD 010	10	0.28	16	230 / 1 Ph	360 x 475 x 550	45
ELRD 020	20	0.57	16	230 / 1 Ph	360 x 475 x 550	45
ELRD 030	30	0.85	16	230 / 1 Ph	360 x 475 x 550	47
ELRD 040	40	1.13	16	230 / 1 Ph	360 x 475 x 550	47
ELRD 050	50	1.42	16	230 / 1 Ph	500 x 600 x 730	84
ELRD 064	64	1.81	16	230 / 1 Ph	500 x 600 x 730	84
ELRD 085	85	2.41	16	230 / 1 Ph	500 x 600 x 730	95
ELRD 105	105	2.97	16	230 / 1 Ph	700 x 700 x 830	121
ELRD 126	126	3.57	16	230 / 1 Ph	700 x 700 x 830	135
ELRD 191	191	5.41	16	230 / 1 Ph	700 x 700 x 830	135
ELRD 227	227	6.43	16	230 / 1 Ph	700 x 700 x 830	140
ELRD 267	267	7.56	16	230 / 1 Ph	900 x 900 x 1230	200
ELRD 345	345	9.77	16	230 / 1 Ph	900 x 900 x 1230	200

Inlet and Outlet size	ELRD 010 to ELRD 040 = 1/2" BSP
	ELRD 050 to ELRD 126 = 1" NPT
	ELRD 191 to ELRD 345 = 1 1/2" NPT

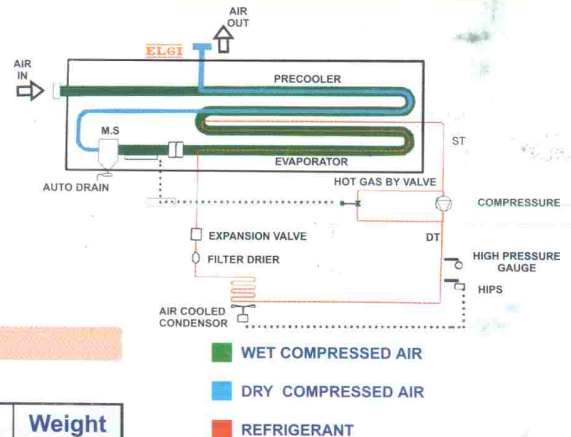
Performance data are measured at 7 bar and inlet Temperature 45°C Ambient Temperature 35°C Pressure dew point +3°C. For different operating conditions, please contact your nearest ELGI outlet. Dryer of Higher Capacities are also available. Details on request.
Due to continuous engineering improvements, specifications are subject to change.
The pictures shown in this leaflet are representative and not the entire range.

For details contact :

TOTAL AIR SUPPLY SOLUTIONS



SCHEMATIC DIAGRAM



Elgi Airmate range of compressed air filters will remove the oil, water and dirt particles to eliminate the abrasive sludge in the compressed air.



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