

FIXED TYPE DEHUMIDIFIER

Provided with:

- Fittings for continuous drain pipe connection
- Automatic Humidity Controller (On/Off Humidistat)
- High and low pressure switches

Mains Characteristics:

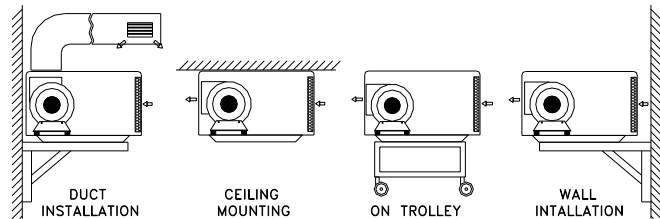
- Housing in a very strong aluminium pipes frame with galvanized and painted steel panels
- Housing in (Inox) stainless steel AISI 316 (Optional)
- Three speed Fan (Optional)
- Scroll Compressor

Used mainly in:

- Swimming pool rooms.
- Room, Store/Warehouse & Basement with high humidity.
- Application needing dehumidification upon 45%.

Power Supply:

- 230V/1Ph/60Hz



Data Sheet FD160

AIR FLOW WITH DIFFERENT HEAD PRESSURES

Available head pressure (Pa)	0	20	40	60	75	90	105
Air flow m ³ /h FD160 (min. fan speed)	1800	1700	1600	1600	1500	1400	-

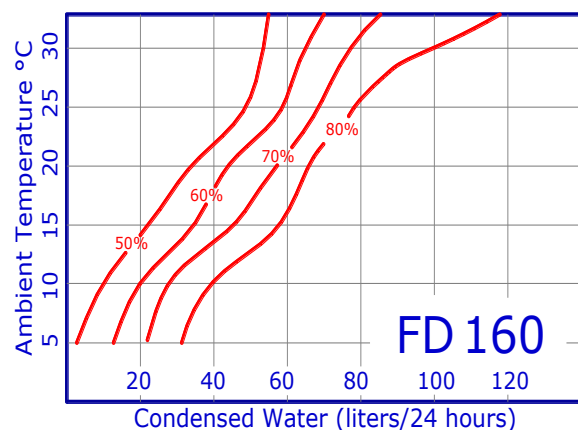
CONDENSED WATER AT DIFFERENT AMBIENT TEMPERATURE AND HUMIDITY CONDITIONS

Mod.	10°C 60%	10°C 80%	15°C 60%	15°C 80%	20°C 60%	20°C 80%	25°C 60%	25°C 80%	27°C 65%	27°C 80%	30°C 80%	32°C 90%
FD160	20 l/d	36 l/d	35 l/d	52 l/d	45 l/d	64 l/d	56 l/d	78 l/d	66 l/d	77 l/d	118 l/d	160 l/d

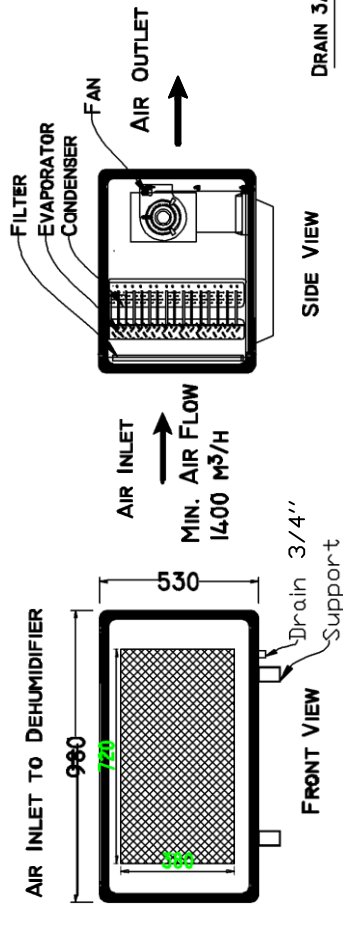
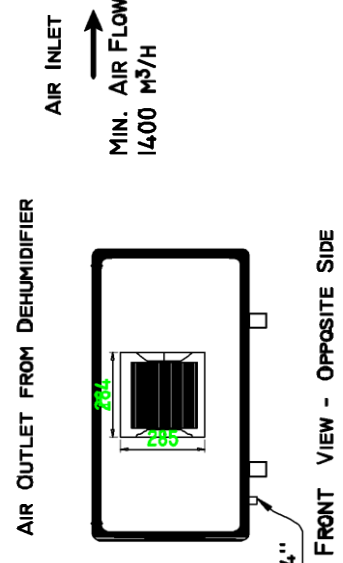
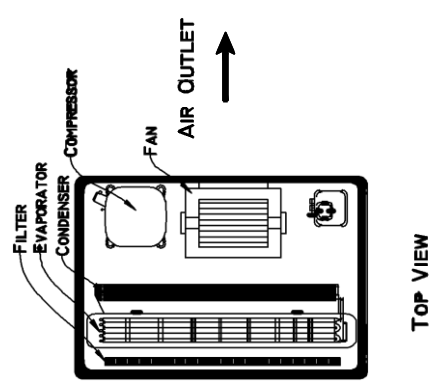
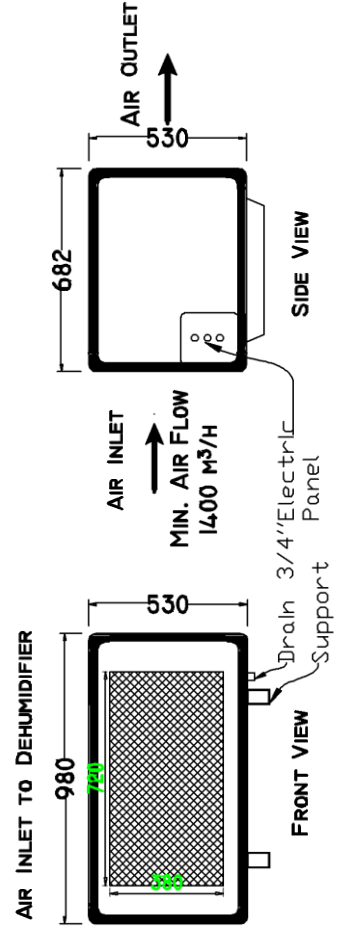
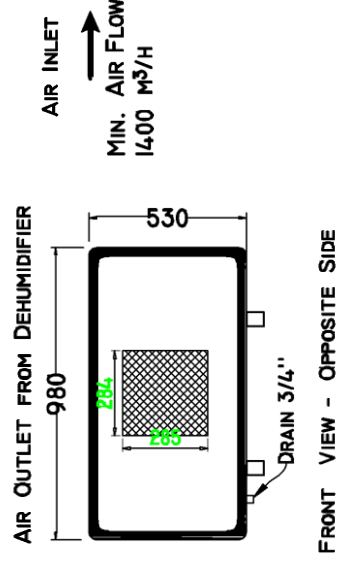
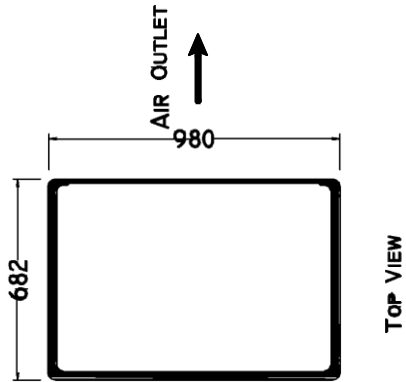
TECHNICAL DATA

FD160

Rated Average Power Consumption (at 20°C, 60% R.H.)	2050 W
Max. Power Consumption (at 35°C, 95% R.H.)	2400W
Max. Absorbed Current (at 35°C, 95% R.H.) (Std. Power Supply: 220V/1Ph/60Hz)	6 A
Locked Rotor Current L.R.A. (Std. vers. Power Supply: 220V/1Ph/60Hz)	25.0
Sound Pressure Level (at 3 mts in free field)	54 db(A)
Refrigerant R410a	1200 g
Standard defrosting Control System	electronic
Condensed Water Drain Pipe Connection (male)	3/4 "
Functioning Temperature Range	7...35 °C
Functioning Relative Humidity Range	45... 99 %
Rated Condensation Capacity (at 30°C - 80 %)	120 l/24h
Rated Condensation Capacity (at 32°C - 90 %)	160 l/24h
Weight with empty tank	66 kg
Dimensions LxDxH (mm)	980x682x530
Dimensions of the Packaging Box LxDxH (mm)	1020x720x680



FRAL DE-HUMIDIFIER MODEL FDI60 DIMENSIONS



Fral Dehumidifier Schematic Diagram for model FD160

