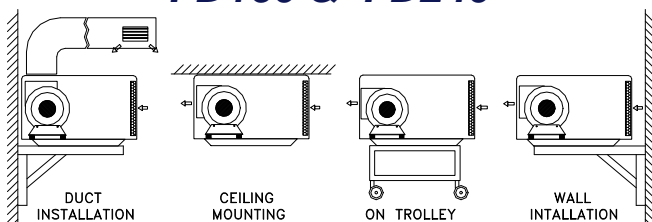


FIXED TIPE DEHUMIDIFIER

Professional



FD160 & FD240



Provided with:

- Hot gas defrosting device (optional) with electronic and thermostatic control
- Functioning at under zero temperature (optional)
- Fittings for continuous draining pipe connection
- Automatic dehumidostat (or remote control)
- High and low pressure switches
- Electric heater (optional)

Main Characteristics:

- Frame in stark galvanized steel sheet painted with epoxidic powder
- Three speed fan

Used mainly in:

- Stores, basements
- Cold storage rooms (cheese etc.)
- Ceramic Factories etc.
- Swimming pools (The installation must be according to safety norms) considering that it's not INOX

Voltage Available:

- FD 160: 230/1/50 FD 240: 400/3/50

Data Sheet FD 160.240 23.09.09

AIR FLOW WITH DIFFERENT HEAD PRESSURES

Available head pressure (Pa)	0	20	40	60	75	90	105
Air flow cm/h FD160 (min. fan speed)	1800	1700	1600	1600	1500	1400	-
Air flow cm/h FD240 (max. fan speed)	2300	2200	2200	2000	1900	1800	1600

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	22 l/d	38 l/d	37 l/d	56 l/d	48 l/g	68 l/d	60 l/d	83 l/d	70 l/d	82 l/d	126 l/g	160 l/d
FD240	35 l/d	60 l/d	55 l/d	79 l/d	70 l/g	105 l/d	90 l/d	125 l/d	103 l/d	135 l/d	188 l/g	240 l/d

TECHNICAL DATA	FD160	FD240
Rated Average Power Consumption (at 20°C, 60% R.H.)	1950 W	2900 W
Max. Power Consumption (at 35°C, 95% R.H.)	2300 W	3500 W
Max. Absorbed Current (at 35°C, 95% R.H.) (std. vers. 230/1/50)	12 A	6.0 A
Locked Rotor Current L.R.A. (std. vers. 230/1/50))	33.0	28.0
Suond Pressure Level (at 3 mts in free field)	54 db(A)	55 db (A)
Refrigerant R407c	1200 g	1720g
Standard defrosting Control System	electronic	
Hot gas defrosting control system (optional)	termost./electronic	
Condensed Water Draining Pipe Connection (male)	3/4 "	
Functioning Temperature Range (standard version)	7-35 °C	
Functioning Temp. Range (hot gas defrosting version)	0,5-35 °C	
Functioning Relative Humidity Range	45 - 99 %	
Rated Condensation Capacity (at 30°C - 80 %)	130 l/24h	190 l/24h
Rated Condensation Capacity (at 32°C-90 %)	160 l/24h	240 l/24h
Weight with empty tank	66 kg	72 kg
Dimensions LxDxH mm	980x682x530	
Dimensions of the Packaging Box LxDxH mm	1020x720x680	
Number of Units in 40' (20') container	80 (36)	

