

FIXED TIPE DEHUMIDIFIER

Professional



FD360 & FD520

Provided with:

- Functioning at under zero temperature (optional)
- Hot gas defrosting device (optional) with electronic and thermostatic control
- Automatic dehumidostat (or remote control)
- Fittings for continuous draining pipe connection
- Available double version: horizontal or upper air supply
- High and low pressure switches
- Scroll Compressor

Main Characteristics:

- Very strong aluminium pipes frame with galvanized and painted steel panels
- Three speed fan

Used mainly in:

- Stores, basements
- Cold storage rooms (cheese etc.)
- Ceramic Factories etc.
- Swimming pools - inox version (The installation must be according to safety norms)

Voltage Available:

- 400/3/50

Data Sheet FD 360.520 23.09.09

AIR FLOW WITH DIFFERENT HEAD PRESSURES

Available head pressure (Pa)	0	25	50	75	100	125	150
Air flow cm/h FD360 (middle fan speed)	3500	3400	3300	3100	3000	3000	-
Air flow cm/h FD520 (max fan speed)	4600	4500	4400	4300	4300	4000	3800

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%
FD360	55 l/d	95 l/d	80 l/d	125 l/d	140 l/d	160 l/d	145 l/d	200 l/d	170 l/d	230 l/d	300 l/d	360 l/d
FD520	80 l/d	145 l/d	115 l/d	200 l/d	170 l/d	250 l/d	210 l/d	290 l/d	250 l/d	340 l/d	440 l/d	520 l/d

TECHNICAL DATA

	FD360	FD520
Rated Average Power Consumption (at 20°C, 60% R.H.)	4500 W	5800 W
Max. Power Consumption (at 35°C, 95% R.H.)	5800W	6500 W
Max. Absorbed Current (at 35°C, 95% R.H.) (std. vers. 230/1/50)	11 A	16.0 A
Locked Rotor Current L.R.A. (std. vers. 230/1/50))	50.0	75.0
Suond Pressure Level (at 3 mts in free field)	61 db(A)	65 db (A)
Refrigerant R407c	2900 g	3900g
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 %)	300 l/24h	420 l/24h
Rated Condensation Capacity (at 32°C-90 %)	360 l/24h	520 l/24h
Weight with empty tank	150 kg	190 kg
Dimensions LxDxH cm	118x90x71	118x90x91
Dimensions of the Packaging Box LxDxH cm	120x98x80	120x98x100

