

# FIXED TIPE DEHUMIDIFIER / Professional

### Provided with:

- Hot gas defrosting device (optional) with electronic and thermostatic control
- Functioning at under zero temperature (optional)
- **Two steps humidity control(optional)**
- **Airflow control**
- Fittings for continuous draining pipe connection
- High and low pressure switches
- Scroll Compressor

### Mains 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



**FD900**

Data Sheet FD 900 GB V1 04.08

AIR FLOW AT MAXIMUM FAN SPEED WITH DIFFERENT HEAD PRESSURES							
Available head pressure (Pa)	0	25	50	75	100	125	150
Air flow cm/h <b>FD900</b>	8000	7800	7800	7600	7400	7200	7000

### 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%
<b>FD900</b>	135 l/g	245 l/g	200 l/g	330 l/g	310 l/g	420 l/g	360 l/g	500 l/g	430 l/g	580 l/g	760 l/g	<b>900 l/g</b>

TECHNICAL DATA	FD900	FD520
Rated Average Power Consumption (at 20°C, 60% R.H.)	<b>10200 W</b>	<b>5800 W</b>
Max. Power Consumption (at 35°C, 95% R.H.)	11000 W	6500 W
Max. Absorbed Current (at 35°C, 95% R.H.) (std. vers. 230/1/50)	28 A	16.0 A
Locked Rotor Current L.R.A. (std. vers. 230/1/50) (2 compressors)	84	75.0
Suond Pressure Level (at 3 mts in free field)	70 db(A)	65 db (A)
Refrigerant <b>R407c</b>	5500 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)	<b>7-35 °C</b>	
Functioning Temp. Range (hot gas defrosting version)	<b>0,5-35 °C</b>	
Functioning Relative Humidity Range	<b>45 - 99 %</b>	
Rated Condensation Capacity (at 30°C - 80 %)	760 l/24h	420 l/24h
<b>Rated Condensation Capacity (at 32°C-90 %)</b>	<b>900 l/24h</b>	<b>520 l/24h</b>
Weight with empty tank	300 kg	190 kg
Dimensions LxDxH cm	150x98x115	118x90x91
Dimensions of the Packaging Box LxDxH cm	-	120x98x100

