

FLUSH MOUNTED ISOTHERMIC DEHUMIDIFIER / Professional

Provided with:

- Automatic dehumidistat not included (only on request)
- The machine should be supplied with 16°C cooling water

Peculiarities:

- Especially designed for radiating panels air conditioning system
- Supply air at the same temperature of Room Ambient Air
- Pre- and post- cooling coils
- Absolutely low noise
- Double galvanized steel case for flush mounting
- Fitting for Condensed Water Draining (waste pipe must be foreseen in the floor or in the wall)
- Front grille available in lacquered wood
- Ecologic Refrigerant Gas R134a

Used mainly in:

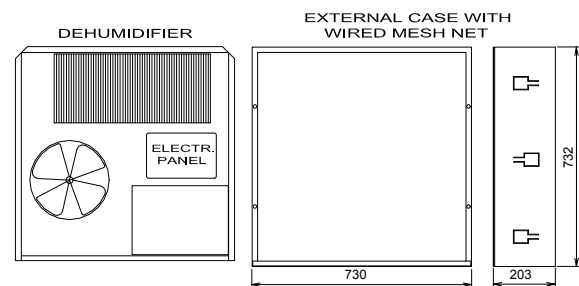
- Houses
- Offices

Voltage Available:

- 230/1/50



FP 451



Data Sheet FP451 GB V1 10.06

TECHNICAL DATA :	FP450
Rated Average Power Consumption (at 26°C, 55% R.H.)	390 W
Max Power Consumption (at 35°C, 95% R.H.)	450 W
Max. Absorbed Current (at 35°C, 95% R.H.) F.L.A.	3.0 A
Locked Rotor Current L.R.A.	20.0 A
Air Flow (with clean air filter)	320 mc/h
Sound Pressure Level (at 3 mts in free field)	34 db(A)
Refrigerant R134a	360 g
Defrosting control system	electronic
Condensed Draining Pipe Connection for rubber pipe diam.	¾" M
Functioning Temperature Range (with cooling water)	10-32 °C
Functioning Relative Humidity Range	45 - 98 %
Rated Cond. Capacity (at 30°C - 80 %)	34 l/g
Weight with case without front grille	35 kg
Dimensions LxDxH	730x732x203 mm
Cooling water flow (with input water temperature 16°C)	180 l/h
Head pressure drop of water cooling coil	12 kPa
Dimensions of front grille (optional) LxHxP	830x830x20 mm

CONDENSED WATER AT DIFFERENT AMBIENT TEMPERATURE AND HUMIDITY CONDITIONS

Room conditions	With cooling Water	Without cooling water	Room conditions	With cooling Water	Without cooling water
15°C-60%	7 l/d	7 l/d	25°C-60%	19 l/d	9 l/d
15°C-80%	12 l/d	12 l/d	25°C-65%	22 l/d	9 l/d
18°C-60%	11 l/d	7 l/d	25°C-80%	27 l/d	11 l/d
18°C-80%	18 l/d	12 l/d	27°C-60%	19 l/d	9 l/d
20°C-60%	13 l/d	8 l/d	27°C-80%	29 l/d	13 l/d
20°C-80%	20 l/d	11 l/d	30°C-80%	34 l/d	20 l/d

