

PORTABLE DEHUMIDIFIER Professional



FDNF 44

Provided with:

- Hot gas defrosting device with electronic and thermostatic control
- Automatic Dehumidostat
- Hours counter (STD)
- Condens. Water lifting pump (opt.)
- Condensed water reservoir (STD)
- Fittings for continuous draining pipe connection
- Four pivoting wheels

Main Characteristics:

- Non finned tube Evaporator
- Low energy consumption
- Zinc plated and powder painted sturdy frame
- Ecologic gas R407c

Used mainly in:

- Libraries, museums
- Basements
- Houses laundries, cellars
- Sea and mountain houses
- Drying of new houses
- Small stores
- Building site works
- Hiring

Voltage Available:

- 230/1/50
- 115/1/60

Data Sheet FDNF44 23.09.09

TECHNICAL DATA: FDNF 44	
Rated Average Power Consumption (at 20°C, 60% R.H.)	530 W
Max Power Consumption (at 35°C, 95% R.H.)	780 W
Max. Absorbed Current (at 35°C, 95% R.H.) F.L.A.	4,0 A
Locked Rotor Current L.R.A.	18.0 A
Air Flow	400 cm/h
Suond Pressure Level (at 3 mts in free field)	43 db(A)
Refrigerant R407c	350 g
Standard Defrosting Control System	electronic
Hot gas defrosting control system	termost./electronic
Capacity of Condensed Water Tank	9 kg
Condensed Water Draining Pipe Connection	3/4"
Functioning Temperature Range (standard version) - approx	7-35 °C
Functioning Temperature Range (hot gas defrosting version)	1-35 °C
Functioning Relative Humidity Range	35 - 99 %
Rated Condensation Capacity (at 30°C - 80 %)	36 l/24h
Rated Condensation Capacity (at 32°C-90 %)	44 l/24h
Weight with empty tank	38 kg
Dimensions LxDxH (whithout pipe)	350x370x720
Dimensions of the Packaging Carton Boxes LxDxH	450x440x790
Number of Units in 40' HQ (20') container	405 (165)

CONDENSED WATER AT DIFFERENT AMBIENT TEMPERATURE AND HUMIDITY CONDITIONS

Room conditions	Condensed Water	Room conditions	Condensed Water
10°C-60%	8 l/24h	25°C-60%	17 l/24h
10°C-80%	11.5 l/24h	25°C-80%	25 l/24h
15°C-60%	11 l/24h	27°C-65%	19 l/24h
15°C-80%	16 l/24h	27°C-80%	26 l/24h
20°C-60%	14 l/24h	30°C-80%	36 l/24h
20°C-80%	19 l/24h	32°C-90%	44 l/24h

