

# PORTABLE DEHUMIDIFIER

Professional



## FDNF 33

### 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 R134a

### 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
- 230/1/60
- 115/1/60

Data Sheet FDNF33 23.09.09

| TECHNICAL DATA: FDNF 33                                    |                 |
|--|-----------------|
| Rated Average Power Consumption (at 20°C, 60% R.H.)        | 420 W           |
| Max Power Consumption (at 35°C, 95% R.H.)                  | 580 W           |
| Max. Absorbed Current (at 35°C, 95% R.H.) F.L.A.           | 3.3 A           |
| Locked Rotor Current L.R.A.                                | 18.0 A          |
| Air Flow   | 380 cm/h        |
| Suond Pressure Level (at 3 mts in free field)              | 43 db(A)        |
| Refrigerant R134a  | 395 g           |
| Standard Defrosting Control System                         | electronic      |
| Hot gas defrosting control system                          | thermost./elec  |
| Capacity of Condensed Water Tank                           | 8 kg            |
| Condensed Water Draining Pipe Connection                   | yes             |
| 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 %)               | 26 l/24h        |
| Rated Condensation Capacity (at 32°C-90 %)                 | <b>33 l/24h</b> |
| Weight with empty tank                                     | 32 kg           |
| Dimensions LxDxH   | 350x370x700     |
| Dimensions of the Packaging Carton Boxes LxDxH             | 430x440x740     |
| Number of Units in 40' (20') container                     | 405 (195)       |

### CONDENSED WATER AT DIFFERENT AMBIENT TEMPERATURE AND HUMIDITY CONDITIONS

| Room conditions | Condensed Water | Room conditions | Condensed Water |
|-----------------|-----------------|-----------------|-----------------|
| 10°C-60%        | 5.5 l/24h       | 25°C-60%        | 12 l/24h        |
| 10°C-80%        | 8 l/24h         | 25°C-80%        | 17 l/24h        |
| 15°C-60%        | 8 l/24h         | 27°C-65%        | 14 l/24h        |
| 15°C-80%        | 11 l/24h        | 27°C-80%        | 18 l/24h        |
| 20°C-60%        | 10 l/24h        | 30°C-80%        | 26 l/24h        |
| 20°C-80%        | 13.5 l/24h      | 32°C-90%        | <b>33 l/24h</b> |

