

# PORTABLE DEHUMIDIFIER

Professional



## FDNP 96

### Provided with:

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

### Main Characteristics:

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

### Used mainly in:

- Building site works
- Hiring
- Flood restoration
- Drying of new houses
- Libraries, museums, basements
- Laundries, cellars, small stores

### Voltage Available:

- 230/1/50

Data Sheet FDNP 96 23.09.09

### TECHNICAL DATA : Mod. 96

|  |                         |
|--|-------------------------|
| Rated Average Power Consumption (at 20°C, 60% R.H.)        | 980 W                   |
| Max Power Consumption (at 35°C, 95% R.H.)                  | 1350 W                  |
| Max. Absorbed Current (at 35°C, 95% R.H.)                  | 7.2 A                   |
| F.L.A.   |                         |
| Locked Rotor Current L.R.A.                                | 29.0                    |
| Air Flow   | 1000 cm <sup>3</sup> /h |
| Suond Pressure Level (at 3 mts in free field)              | 52 db(A)                |
| Refrigerante R407c   | 850 g                   |
| Standard Defrosting Control System                         | electronic              |
| Hot gas defrosting control system                          | termost./<br>electronic |
| Capacity of Condensed Water Tank                           | 15 kg                   |
| Condensed Water Draining Pipe Connection (male)            | 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 %)               | 80 l/d                  |
| Rated Condensation Capacity (32°C-90 %)                    | 96 l/d                  |
| Weight with empty tank                                     | 54 kg                   |
| Dimensions LxDxH with pipe handles mm                      | 640x770x1130            |
| Width with pipe and big 250 mmm wheels mm                  | 670                     |
| Dimensions of the Packaging Carton Boxes LxDxH mm          | 450x580x1040            |
| Number of Units in 40' (20') container                     | 200 (100)               |

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

| Room conditions | Condensed Water | Room conditions | Condensed Water |
|-----------------|-----------------|-----------------|-----------------|
| 10°C-60%        | 18 l/24h        | 25°C-60%        | 36 l/24h        |
| 10°C-80%        | 26 l/24h        | 25°C-80%        | 52 l/24h        |
| 15°C-60%        | 24 l/24h        | 27°C-65%        | 45 l/24h        |
| 15°C-80%        | 37 l/24h        | 27°C-80%        | 56 l/24h        |
| 20°C-60%        | 30 l/24h        | 30°C-80%        | 80 l/24h        |
| 20°C-80%        | 45 l/24h        | 32°C-90%        | 96 l/24h        |

