

# COMMERCIAL DEHUMIDIFIER

# FRAL FDNF96

**96 LITRES PER DAY**

Built to legendary European standards, this strong, robust dehumidifier is the preferred workhorse in a multitude of commercial situations. The hot gas defrosting device allows this unit to function in extreme temperatures and works down to 1°C. When fitted with a lifting pump it becomes adaptable to various situations. The smoother non-finned tube evaporator promises a longer life.

This commercial dehumidifier extracts massive volumes of water, day in – day out and will give years of trouble free performance.

We have sold this model into mining sites, electronic control rooms, indoor swimming pools, commercial agricultural operations and large warehouses. This machine has been a grand performer in our very own Water Damage Restoration service.

### Features:

- Hot gas defrosting device with electronic and thermostatic control
- Water lifting pump or condensed water reservoir
- Zinc plated and powder coated sturdy metal frame
- Non finned tube evaporator for longer life
- Four pivoting wheels
- Strong handles on two sides
- Fittings for continuous drainage pipe connection
- Low energy consumption
- Automatic humidistat
- Hours counter
- Ecologic gas R134a
- Power supply 220-240V 50Hz



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

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%
18 l/d	26 l/d	24 l/d	37 l/d	30 l/d	45 l/d	36 l/d	52 l/d	45 l/d	56 l/d	80 l/d	96 l/d

### TECHNICAL DATA

Power Consumption (at 20°C, 60% rh)	980 w
Power Consumption (at 35°C, 95% rh)	1350 w
Absorbed Current (at 35°C, 95% rh) standard ver.	7.2 A
Locked Rotor Current LRA	29
Air Flow	1000 cm/h
Noise level (at 3 meters)	52 dB
Refrigerant	R134a
Standard Defrosting Control System	Electronic
Hot Gas Defrosting Control System (optional)	Electronic thermostat
Water Tank Capacity	15 kg
Continuous Drainage Pipe Connection	25mm
Temperature Range standard version	7-35° C
Temperature Range (hot gas defrosting system)	1-35° C
Relative Humidity Range	35-99%
Condensation Capacity (at 30°C, 80% rh)	80 l/24 hr
Condensation Capacity (at 32°C, 90% rh)	96 l/24 hr
Weight	52 kg
Dimensions	90cm x 55cm x 41cm

