

COMMERCIAL DEHUMIDIFIER

FRAL Horizon 100

100 LITRES PER DAY

A “no-frills” but robust and reliable dehumidifier capable of extracting large volumes of excess moisture in various commercial situations. Typical uses are medium to large warehouses, commercial agriculture eg: medium to large size greenhouses, Military facilities eg: armouries or storage, museums, art galleries, manufacturing.

Features:

- Hot gas defrosting device with electronic and thermostatic control
- Non finned tube evaporator
- Four adjustable feet
- Automatic humidistat
- Two strong handles
- Low energy consumption
- Zinc plated and powder-coated sturdy frame
- Can be free-standing or wall-mounted
- Fittings for continuous drainage pipe connection
- Lifting pump (optional)
- 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%
20 l/d	34 l/d	26 l/d	42 l/d	34 l/d	50 l/d	44 l/d	62 l/d	52 l/d	62 l/d	90 l/d	110 l/d

TECHNICAL DATA

Power Consumption (at 20°C, 60% rh)	1200 w
Power Consumption (at 35°C, 95% rh)	1550 w
Absorbed Current (at 35°C, 95% rh) standard ver.	13 A
Locked Rotor Current LRA	44
Air Flow	1100 cm/h
Noise level (at 3 meters)	56 dB
Refrigerant	R407c
Standard Defrosting Control System	Electronic
Hot Gas Defrosting Control System (optional)	Electronic thermostat
Continuous Drainage Pipe (male)	19mm
Temperature Range standard version	7-35° C
Temperature Range (hot gas defrosting system)	0.5-35°C
Relative Humidity Range	35-99%
Condensation Capacity (at 30°C, 80% rh)	90 l/24 hr
Condensation Capacity (at 32°C, 90% rh)	110 l/24 hr
Weight	48 kg
Dimensions	52cm x 52cm x 66cm

