

# COMMERCIAL DEHUMIDIFIER

## FSDV8000

FRAL have introduced these refrigerant models designed for commercial applications where very low humidity is required.

Previously only a desiccant dehumidifier would achieve this result. The FRAL FSDV8000 offers a more economical alternative without the inherent problems of the desiccants. Consider this quality commercial grade dehumidifier to lower humidity down to 20%.

Note: 3 phase power supply required

### Features:

- Works down to 20% R.H and 15°C
- Star energy efficiency thanks to an exclusive dehumidifying process
- Automatic control of humidity
- Additional electric resistors for integrated functioning
- Monoblock unit with remote control possibility
- Structure in aluminium profiles with enclosing panels in strong galvanized painted steel sheet
- High efficiency filter
- High displacement motor fan



Price: \$ P.O.A.

### AIR VOLUME DATA – STATIC PRESSURE OF FAN MOTOR

Static Pressure	100	200	300	400	500	600	700
Air volume cm/h FSDV8000	8600	8400	8300	8200	8200	8000	7600

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

25°C 30%	25°C 40%	25°C 50%	25°C 60%	30°C 30%	30°C 40%	30°C 50%	30°C 60%	35°C 30%	35°C 40%	35°C 50%	35°C 60%
210 l/d	280 l/d	340 l/d	450 l/d	300 l/d	370 l/d	460 l/d	550 l/d	330 l/d	440 l/d	580 l/d	640 l/d

### TECHNICAL DATA

Power Consumption (at 30°C, 40% rh)	8200 w
Power Consumption (at 35°C, 60% rh)	10500 w
Power Consumption with Electric Resistance & Fan Motor	24 kW
Power Consumption with Electric Resistance	12 kW
Absorbed Current (at 35°C, 95% rh) in standard model 230/1/50	36 A
Noise level (at 3 meters)	72 dB
Refrigerant R407c	7900 gr
Defrost Control System	Electronic
Continuous Drainage Pipe (male)	19mm
Temperature Range standard version	15-38° C
Temperature Range hot gas defrost. version	0.5-40° C
Relative Humidity Range	20-85%
Condensation Capacity (at 35°C, 40% rh)	420 l/24 hr
Weight	230 kg
Dimensions (excluding filter)	180cm x 86cm x 200cm

**Working field 15-40°C, 20-99% R.H.**