

# COMMERCIAL DEHUMIDIFIER

## FSDV6000

FRAL has introduced this refrigerant model designed for commercial applications where very low humidity is required.

Previously only a desiccant dehumidifier would achieve this result. The FRAL FSDV6000 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 FSDV6000	6400	6300	6200	6100	6000	5900	-

### 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%
160 l/d	210 l/d	260 l/d	340 l/d	225 l/d	280 l/d	350 l/d	420 l/d	250 l/d	330 l/d	440 l/d	480 l/d

### TECHNICAL DATA

Power Consumption (at 30°C, 40% rh)	6000 w
Power Consumption (at 35°C, 60% rh)	8300 w
Power Consumption with Electric Resistance & Fan Motor	15 kW
Power Consumption with Electric Resistance	6 kW
Absorbed Current (at 35°C, 95% rh) in standard model 230/1/50	25 A
Noise level (at 3 meters)	68 dB
Refrigerant	R407c
Defrost Control System	Electronic/Mechanical
Continuous Drainage Pipe (male)	19mm
Temperature Range standard version	15-38° C
Temperature Range hot gas defrost. version	0.5-35° C
Relative Humidity Range	20-70%
Condensation Capacity (at 35°C, 40% rh)	300 l/24 hr
Weight	160 kg
Dimensions (excluding filter)	155cm x 76cm x 180cm

**Working field 15-38° C, 20-70% R.H.**