

## DEHUMIDIFIER for SWIMMING POOL Professional



### FSW 100

#### Provided with:

- Relativ Humidity control and reading
- 3/4" drain pipe connector
- Pump for lifting condensed water (optional)
- Water heating Coil (optional)
- Electric Heater (optional)
- Titanium Water Condenser for heating recovery (optional)

#### Main Characteristics:

- **Case adapt for swimming pool (plastic and special painted metal sheets)**
- **Digital microprocessor Control**
- **Digital Display**
- **Protection IP22**
- Low noise
- Low power consumption
- Two speed Motors fan
- Short ducts allowed

#### Used mainly in:

- Indoor swimming-pool (to be installed according with electric safety norms)
- Libraries, museums
- Offices
- Basements
- Laundries, Cellars

#### Voltage Available:

- 230/1/50

Data Sheet FSW 100

TECHNICAL DATA:	FSW 96
Average Rated Power Consumption ( at 27°C, 65% R.H.)	980 W
Max. Power Consumption ( at 35°C, 95% R.H)	1350 W
Max. Power Absorption ( at 35°C, 95% U.R.) F.L.A.	7.2 A
Start Current - F.L.A. (Full Load Ampere)	29.0
Air Volume Capacity	750 cm/h
Sound Pressure Level ( at 3mt. distance in free field)	49 db(A)
Refrigerant R407c	750 g
Defrosting Control	electronic
Fitting for Condensed Water Drainage Pipe	3 / 4 "
Functioning Temperature Range	7-35 °C
Functioning Relative Humidity Range	40 - 99 %
Rated Condensed Water Capacity (30°C-80 %)	80
Rated Condensed Water Capacity (32°C-90 %)	96
Net Weight	55 kg
Dimensions LxDxH mm	500x290x1750
Water Heating Coil Capac. (ambient 27°C, water 70/60 °C)	4,5 kW
Electric Heater Capacity	4 kW
Heat Recovery in water	2 kW

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

Room condition	Condensed water	Room condition	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

