

DRC100

Extra thin 1000 m³/h ducted air dehumidifier

The dehumidifier FRAL DRC100 have been specifically developed for private domestic swimming pools and spas.

Humid air from the swimming pool hall is drawn into the dehumidifier by its integral fan. When passing through the evaporator the air is cooled down to below dew point and water vapour is condensed into water that is drained away. The now dry air is then passed over the condenser coil where the air is heated and returned to the pool hall.

Having passed through the dehumidifier the air temperature is approximately 5°C higher than before.

The unit is fully automated and near silent in operation. The unit is easily maintenance by open the cabinet door to clean the filter.

General Characteristics

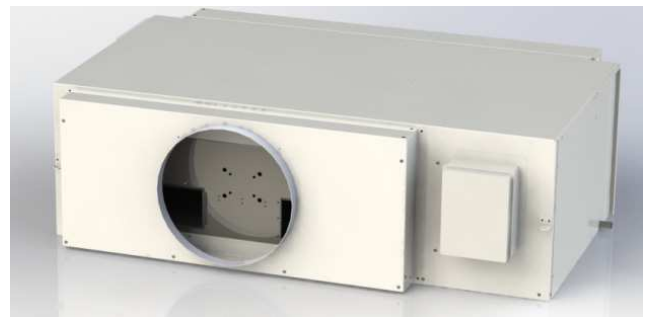
Air filter	yes
Manufacturer warranty	2 years
Air flow	1000 m ³ /h
Electrical supply	230 V (Ph+N)
Power rating	1 830 W
Dehumidification at 30°C - 80% R.H.	100 L/day
Dehumidification at 28°C - 60% R.H.	48 L/day
Dehumidification at 20°C - 60% R.H.	40 L/day
Dehumidification at 10°C - 60% R.H.	21 L/day
Sound level at 3 meters	53 dBa
Refrigerant	R134a
Condenses drain diameter	DN 16 mm
Air pressure	100 Pa

Dimensions and Weights :

Height	315 mm
Width	871 mm
Depth	1172 mm
Weight	81 kg
Inlet air diameter	315 mm
Outlet air diameter	315 mm

Operating Limits :

Ambient Air Temp.	10 - 33 °C
Ambient Humidity	50 - 98 % R.H.



This unit could be install with the following accessories:

- Ambiance or ducted hygostat
- Ambiance or ducted thermostat

