

SWIMMING-POOL DEHUMIDIFIERS

Aerial AP50 and AP70

In swimming-pools and rooms with a whirlpool you want to relax and feel well. Too high an air humidity, however, can lead to musty smell or hygienic problems. Aerial swimming-pool dehumidifiers, type AP prevent this.

The Aerial AP50 and AP70 eliminate high moisture in an energy-saving and gentle way. Without considerable changes in room temperature up to 47 or 66 l/day can be absorbed from the ambient air. Aerial dehumidifiers provide a controlled humidity reduction and act against bacteria, fungus, metal corrosion and building damages.



Aerial swimming-pool dehumidifier type AP50 and AP70

- up to 66 l/day dehumidification capacity
- energy saving operational principle of heat pump
- automatic hot-gas-defrosting, thermostat controlled
- units mounted on four castors
- alternatively for wall mounting
- supply terminals for mains connection 230V/50Hz
- greywhite/bluegrey powder coated steel cover
- for connection to external humidity sensor or external humidity control
- removable cover and easily accessible components for quick maintenance

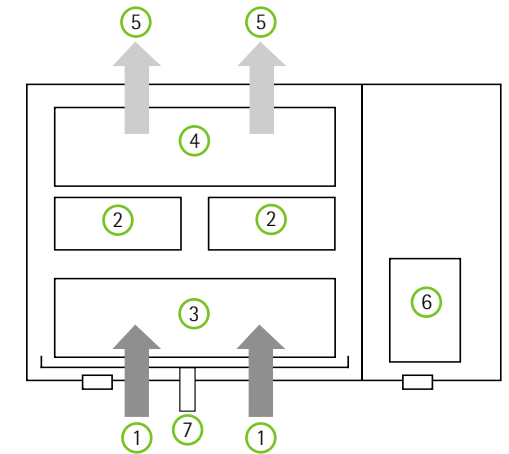
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Operational principle

The swimming-pool dehumidifiers Aerial AP50 and AP70 dehumidify environmentally friendly with FCKW free refrigerant and are especially energy-saving.

- 1 Moist air is taken in by
- 2 a high performance quiet running fan.
- 3 The cooling coil cools the air and the excess water condenses. The condensed water drains through a condensing hose. The air is heated again by the
- 4 condenser and escapes as
- 5 dry air in front of the unit.
- 6 Compressor
- 7 hose connection for water drain.



Technical Data Swimming-Pool Dehumidifiers Aerial

Swimming-Pool Dehumidifier Type	AP50	AP70
Dehumidification capacity [max. l/ day]		
at 30°C and 80% r.h.	47	66
at 30°C and 60% r.h.	29	46
at 20°C and 60% r.h.	16	23
Water surface [max. m]	30	50
Circulation rate [max. m/h]	1074	1362
Refrigerant	R407c	R407c
Operative range [°C, at 40-100% r.h.]	0-32	0-32
Decibel level [dB]	52	53
Dimensions		
height [mm]	678	678
width [mm]	802	1002
depth [mm]	251	251
Weight [kg]	54	64
Fuse [A]	10	10
Electrical power [max. W]	770	1050
Electrical supply [V/Hz]	230/50	230/50

Subject to technical amendments without notice.