



CD 400-18

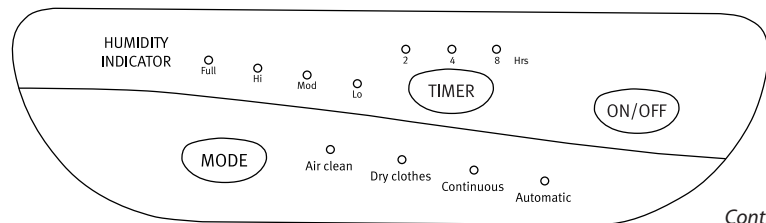
FUNCTION

The CD 400-18 works in accordance with the condensation principle. A fan draws the humid air into the dehumidifier and through an evaporator coil.

When passing through the evaporator the air is cooled down to below its dew point temperature, and its content of water vapour is condensed into water, which is led to a drain or it is collected in the water tank. The cold, dry air is then passed over the condenser coil where the air is re-heated, before leaving the unit at a temperature, which is approx. 4°C higher than at the inlet.

FEATURES

- Automatic tank-full cut-out
- Drain outlet for connection to a water hose
- Practical carrying handle
- Adjustable air outlet flaps, upwards or downwards
- Timer select function: 2, 4 or 8 hours operation
- Dehumidification capacity up to 18 ltr./24 hours



Control board

CONTROL BOARD

ON/OFF: Power on and off switch

TIMER: The timer can be set to 2, 4 or 8 hours operation

HUMIDITY INDICATOR: This lamp lights up when the water tank is full. It also shows the actual room humidity level

MODE: Press this switch to select required mode of operation:
Automatic: The dehumidification operation stops automatically when the relative humidity is below approx. 60% RH.
Continuous: In continuous mode you can press Timer switch to 2, 4 or 8 hours operation
Dry clothes: In this mode the fan speed is higher for quicker drying of washed clothes.
Air clean: In the air cleaning function the air clean filter will filtrate dust particles from the air. In this function the compressor does not work and the dehumidification operation is stopped.

DEFROSTING

Automatic, passive defrosting is incorporated in the control. Defrosting is activated by a temperature sensor when the ambient temperature falls to below 15°C.

The defrosting function switches off the compressor at intervals of 30 minutes and then the fan blows room air through the evaporator for some minutes, thereby melting the ice on the evaporator. When the defrosting is completed, the compressor is switched on again automatically.

TECHNICAL DATA

		CD 400-18
Operating range – humidity	%RF	50-100
Operating range – temperature	°C	5-35*)
Air volume	m ³ /h	180
Power supply	V/Hz	1x230/50
Max. ampere consumption	A	1,8
Max. power consumption	kW	0,40
Refrigerant		R 134a
Quantity of refrigerant	kg	0,145
Sound level (at 1 metre)	dB(A)	48
Weight	kg	13
Water tank capacity	l	4,5
Protection class	IP	20
Height	mm	575
Width	mm	380
Depth	mm	225

**The optimal operating range of CD 400-18 is between 16 and 35°C.*

DEHUMIDIFICATION CAPACITY

18 litres/24 hours at 30°C/80% RH

7 litres/24 hours at 20°C/60% RH