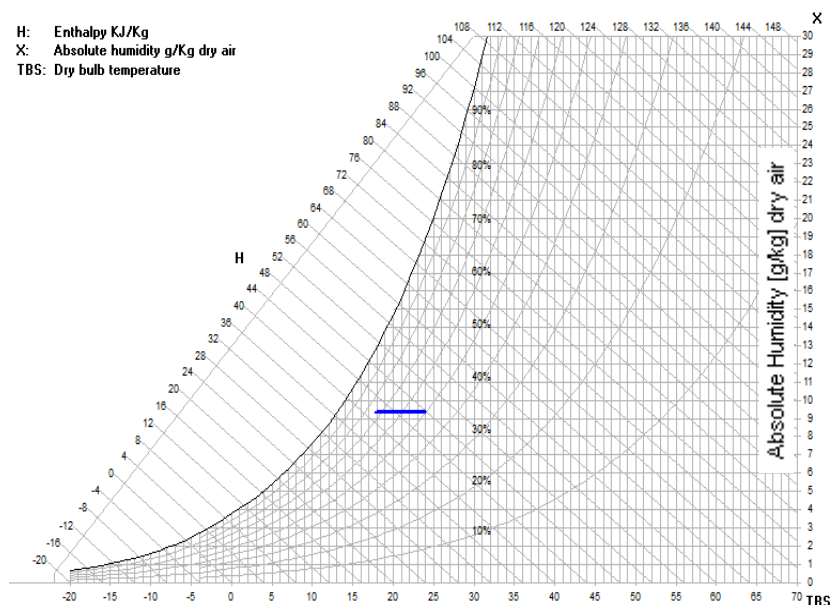


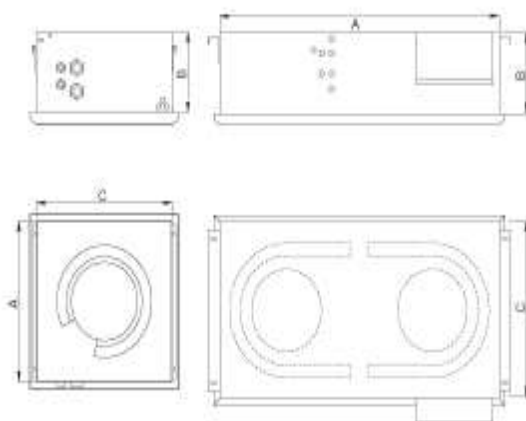
Series		TCW	Version	TCW	Model	54	
Cooling				Heating			
Capacity							
total cooling capacity		[kW]	1,76	heating capacity		[kW]	
sensible cooling capacity		[kW]	1,75				
Dehumidification		[g/h]	0				
Air							
Inlet	Temp. DB	[°C]	24,0	Inlet	Temp. DB	[°C]	-
	Temp. WB	[°C]	17,0				
	relative humidity	[%]	50				
water outlet	Temp. DB	[°C]	13,6	water outlet	Temp. DB	[°C]	-
	Temp. WB	[°C]	13,3				
	relative humidity	[%]	96				
Flow rate		[m³/h]	515	Flow rate		[m³/h]	-
Speed			Med	Speed			
Fluid							
Flow rate		[l/h]	303	Flow rate		[l/h]	-
Water pressure drop		[kPa]	2,2	Water pressure drop		[kPa]	-
Inlet	Temperature	[°C]	10,0	Inlet	Temperature	[°C]	-
water outlet	Temperature	[°C]	15,0	water outlet	Temperature	[°C]	-
Type			Water	Type			-
Dimensions and Weight				Other Data			
A	[mm]	571	power supply	[V/Ph/Hz]	230/1/50		
B	[mm]	287	Assorbed power	[kW]	0,07		
C	[mm]	571	absorbed current	[A]	0,25		
D	[mm]	-	Sound pressure	[dB(A)]	36		
E	[mm]	-	Sound power	[dB(A)]	46		
Weight	[kg]	30	Static pressure	[Pa]	0		

Sound pressure measured at a distance of 1 meter and with reverberation time of 0,5 s



H: Enthalpy KJ/Kg
X: Absolute humidity g/Kg dry air
TBS: Dry bulb temperature



Terminal serie TCW

Cassette components

Combination of technology, reliability and easy installation:

- Insulated recessed structure of reduced depth (287 mm) and dimensions according to the standard false ceiling modules (600 mm x 600 mm).
- Three speeds

Cabinet

- Insulated galvanised sheet panels
- Intake/supply combined grille supplied with the cassette.
- Possible manual setting for air diffusion through the four sides.

Insulation

- Thermal and sound insulation of the recessed air handling unit.

Ventilation

- Direct drive centrifugal fan.
- Motors on elastic supports and fitted with internal thermal protection. Single speed motor coupled to autotransformer.

Filtering

Cleanable air filter accessible by opening the combined suction/supply grille.

Electrical heating

- Cassettes can be factory fitted with electrical heater (option) complete of two thermostats for overheat protection.