



CDP 35T

FUNCTION

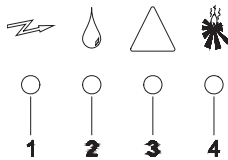
The CDP 35T works in accordance with the condensation principle. A fan draws the humid air into the dehumidifier and through an evaporator coil. When passing through the evaporator the air is cooled down to below its dew point temperature, and its content of water vapour is condensed into water, which falls into the drip tray and then is led from the drip tray to a drain. The cold, dry air is then passed over the condenser coil where it is re-heated, before leaving the unit at a temperature, which is approx. 5°C higher than at the inlet.

CONSTRUCTION

- The CDP 35T is built into a hot-galvanized sheet metal cabinet
- All external and internal parts of the cabinet are enamel powder painted
- The CDP 35T is fixed to the wall by means of a wall mounting strip supplied with the unit
- The condensate outlet is located at the bottom of the CDP 35T. The outlet stub can be connected to a 1/2" water hose
- Rotary compressor
- Radial fan
- Duct kit including alu-grilles, filter and through-wall ducting suitable for wall thicknesses from 70 to 350 mm (optional extra).

ELECTRONIC CONTROL

The CDP 35T has a built-in hygrostat and is fully automatic with electronic control. The hygrostat is factory set to approx. 60% RH. An easy to read display panel indicates the current status of operation.



1. Power on
2. Dehumidification – the compressor is on
3. Cooling circuit failure – the dehumidifier is switched off
4. After heating coil is activated.

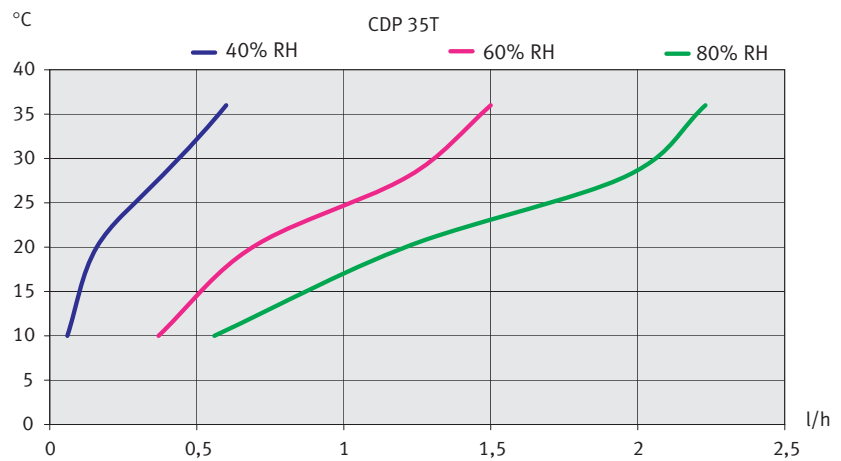
Passive, demand-controlled defrosting is incorporated into the electronic control. A sensor on the evaporator coil ensures that the evaporator is only defrosted when required. The compressor is switched off during defrosting and the fan blows room air through the evaporator, thereby melting the ice on the evaporator.

If the relative humidity has to be adjusted frequently, a remote room hygrostat can be connected to the CDP 35T.

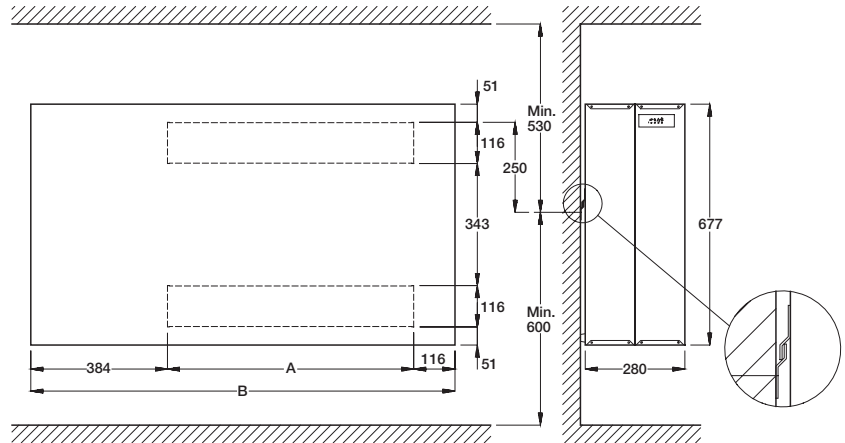
TECHNICAL DATA

		CDP 35T
Operating range – humidity	%RH	40 – 100
Operating range – temperature	°C	10 – 36
Air volume	m ³ /h	250
Power supply	V/Hz	1x230/50
Max. ampere consumption	A	2,8
Max. power consumption	kW	0,72
Refrigerant		R407C
Quantity of refrigerant	kg	0,600
Sound level (at 1 metre)	dB(A)	44
Weight	kg	57
Colour	RAL	7044
Protection class		IPX4

CAPACITY CURVES

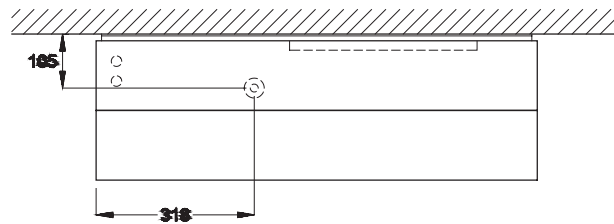


DIMENSIONS

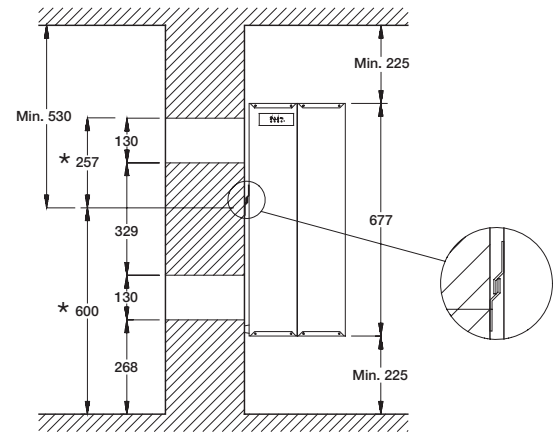


	A	B	Duct opening in the wall
CDP 35T	387	887	130x410

Drain outlet position



Recommended placing of the CDP 35T

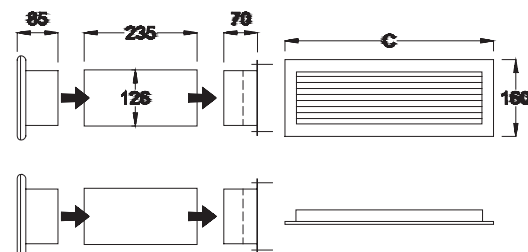


*The dimensions indicate the placing of the wall mounting strip

ACCESSORIES

- Room hygrostat
- Through-wall duct kit
- Adapter
- Ext. failure monitoring
- After heating coil

Through-wall duct kit



	C
CDP 35T	434

All dimensions are in mm



CDP 45T

FUNCTION

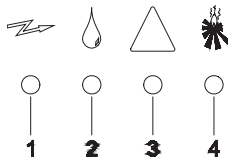
The CDP 45T works in accordance with the condensation principle. Two fans draw the humid air into the dehumidifier and through an evaporator coil. When passing through the evaporator the air is cooled down to below its dew point temperature, and its content of water vapour is condensed into water, which falls into the drip tray and then is led from the drip tray to a drain. The cold, dry air is then passed over the condenser coil where it is re-heated, before leaving the unit at a temperature, which is approx. 5°C higher than at the inlet.

CONSTRUCTION

- The CDP 45T is built into a hot-galvanized sheet metal cabinet
- All external and internal parts of the cabinet are enamel powder painted
- The CDP 45T is fixed to the wall by means of a wall mounting strip supplied with the unit
- The condensate outlet is located at the bottom of the CDP 45T. The outlet stub can be connected to a 1/2" water hose
- Rotary compressor
- Radial fans
- Duct kit including alu-grilles, filter and through-wall ducting suitable for wall thicknesses from 70 to 350 mm (optional extra).

ELECTRONIC CONTROL

The CDP 45T has a built-in hygrostat and is fully automatic with electronic control. The hygrostat is factory set to approx. 60% RH. An easy to read display panel indicates the current status of operation.



1. Power on
2. Dehumidification – the compressor is on
3. Cooling circuit failure – the dehumidifier is switched off
4. After heating coil is activated.

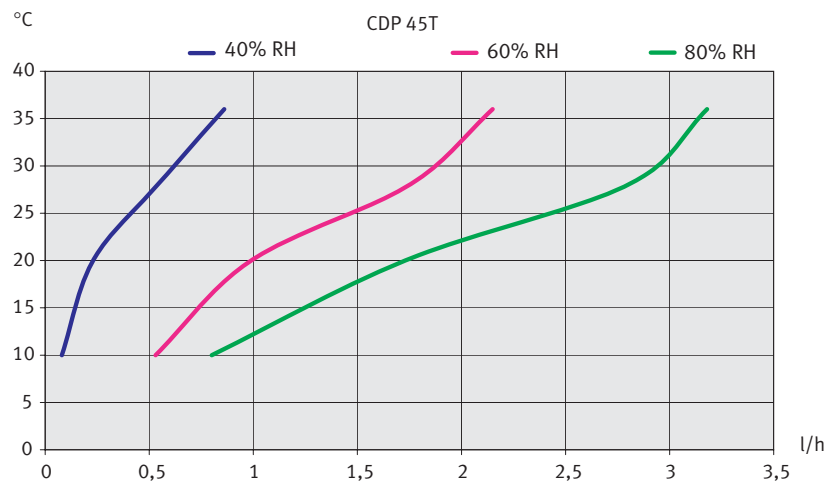
Passive, demand-controlled defrosting is incorporated in the electronic control. A sensor on the evaporator coil ensures that the evaporator is only defrosted when required. The compressor is switched off during defrosting and the fans blow room air through the evaporator, thereby melting the ice on the evaporator.

If the relative humidity has to be adjusted frequently, a remote room hygrostat can be connected to the CDP 45T.

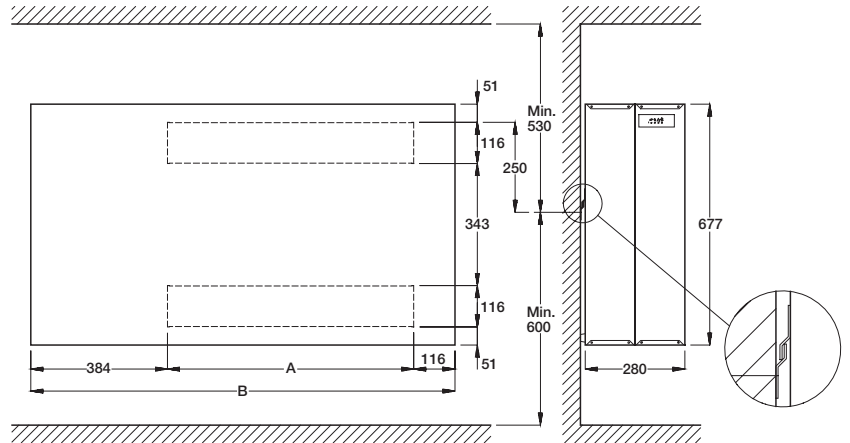
TECHNICAL DATA

		CDP 45T
Operating range – humidity	%RH	40 – 100
Operating range – temperature	°C	10 – 36
Air volume	m ³ /h	500
Power supply	V/Hz	1x230/50
Max. ampere consumption	A	4,3
Max. power consumption	kW	1,05
Refrigerant		R407C
Quantity of refrigerant	kg	0,950
Sound level (at 1 metre)	dB(A)	46
Weight	kg	68
Colour	RAL	7044
Protection class		IPX4

CAPACITY CURVES

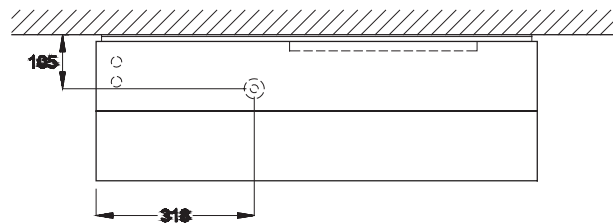


DIMENSIONS

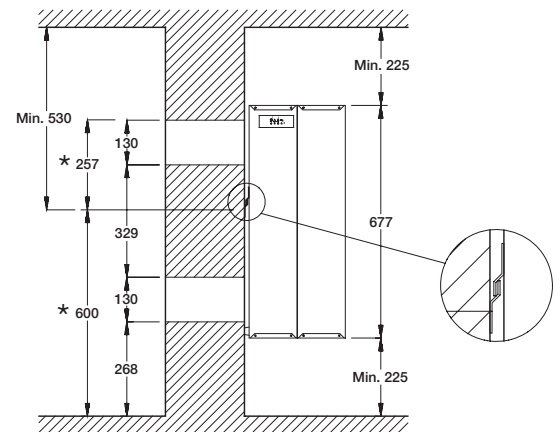


	A	B	Duct opening in the wall
CDP 45T	692	1192	130x720

Drain outlet position



Recommended placing of the CDP 45T

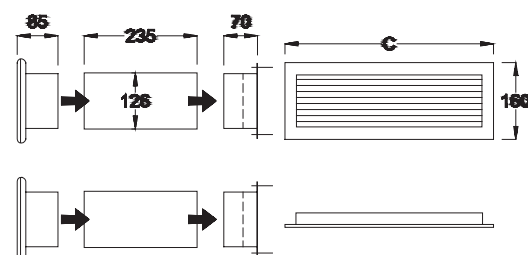


*The dimensions indicate the placing of the wall mounting strip

ACCESSORIES

- Room hygrosstat
- Through-wall duct kit
- Adapter
- Ext. failure monitoring
- After heating coil

Through-wall duct kit



	C
CDP 45T	743

All dimensions are in mm



CDP 65T

FUNCTION

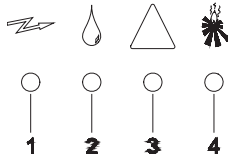
The CDP 65T works in accordance with the condensation principle. Three fans draw the humid air into the dehumidifier and through an evaporator coil. When passing through the evaporator the air is cooled down to below its dew point temperature, and its content of water vapour is condensed into water, which falls into the drip tray and then is led from the drip tray to a drain. The cold, dry air is then passed over the condenser coil where it is re-heated, before leaving the unit at a temperature, which is approx. 5°C higher than at the inlet.

CONSTRUCTION

- The CDP 65T is built into a hot-galvanized sheet metal cabinet
- All external and internal parts of the cabinet are enamel powder painted
- The CDP 65T is fixed to the wall by means of a wall mounting strip supplied with the unit
- The condensate outlet is located at the bottom of the CDP 65T. The outlet stub can be connected to a 1/2" water hose
- Rotary compressor
- Radial fans
- Duct kit including alu-grilles, filter and through-wall ducting suitable for wall thicknesses from 70 to 350 mm (optional extra).

ELECTRONIC CONTROL

The CDP 65T has a built-in hygrostat and is fully automatic with electronic control. The hygrostat is factory set to approx. 60% RH. An easy to read display panel indicates the current status of operation.



1. Power on
2. Dehumidification – the compressor is on
3. Cooling circuit failure – the dehumidifier is switched off
4. After heating coil is activated.

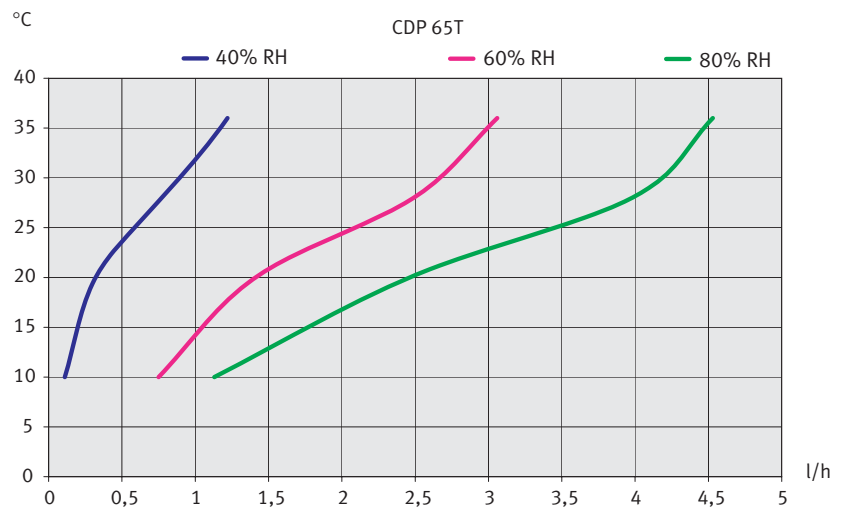
Passive, demand-controlled defrosting is incorporated in the electronic control. A sensor on the evaporator coil ensures that the evaporator is only defrosted when required. The compressor is switched off during defrosting and the fans blow room air through the evaporator, thereby melting the ice on the evaporator.

If the relative humidity has to be adjusted frequently, a remote room hygrostat can be connected to the CDP 65T.

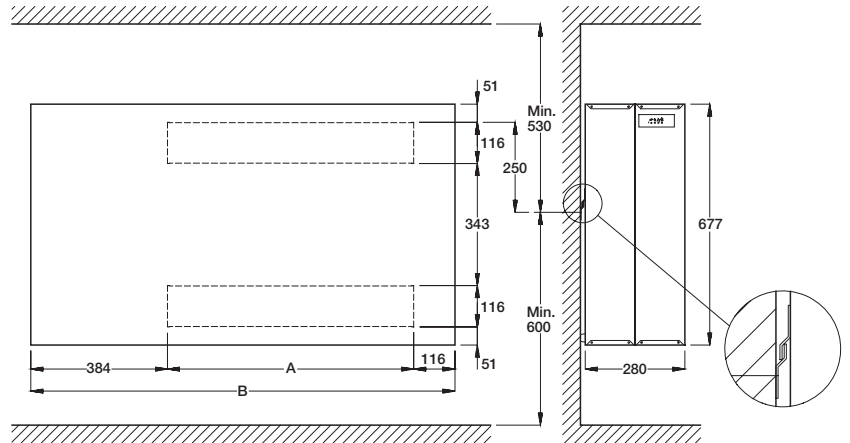
TECHNICAL DATA

		CDP 65T
Operating range – humidity	%RH	40 – 100
Operating range – temperature	°C	10 – 36
Air volume	m ³ /h	750
Power supply	V/Hz	1x230/50
Max. ampere consumption	A	7,2
Max. power consumption	kW	1,65
Refrigerant		R407C
Quantity of refrigerant	kg	1,600
Sound level (at 1 metre)	dB(A)	48
Weight	kg	95
Colour	RAL	7044
Protection class		IPX4

CAPACITY CURVES

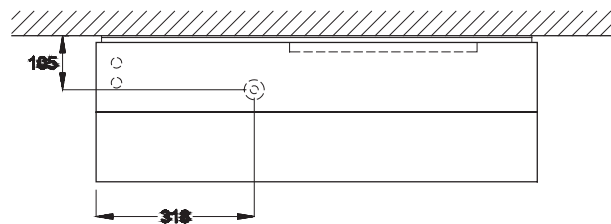


DIMENSIONS

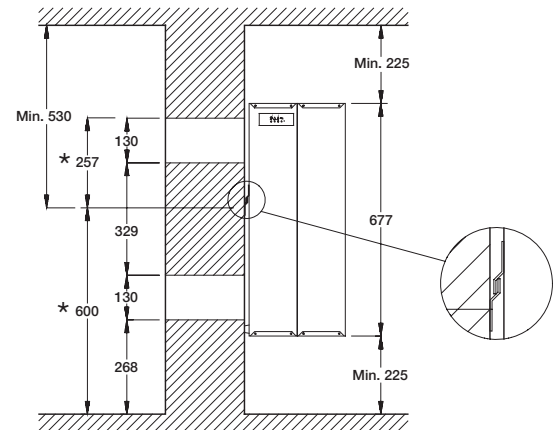


	A	B	Duct opening in the wall
CDP 65T	1232	1732	130x1260

Drain outlet position



Recommended placing of the CDP 65T

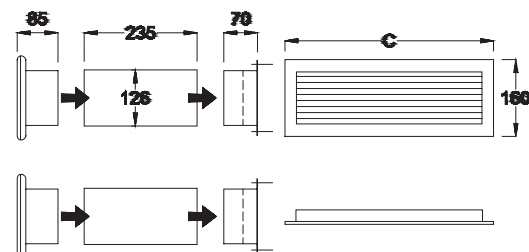


*The dimensions indicate the placing of the wall mounting strip

ACCESSORIES

- Room hygrostat
- Through-wall duct kit
- Adapter
- Ext. failure monitoring
- After heating coil

Through-wall duct kit



	C
CDP 65T	1284

All dimensions are in mm

ACCESSORY

Adapter for CDP 35T/45T/65T



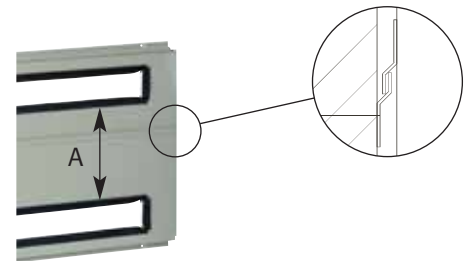
The adapter seen from the front

The adapter makes it possible to place the CDP 35T/45T/65T on the wall without changing the existing wall openings.



The adapter seen from the back

The duct openings for outlet of the dehumidified air should be placed directly opposite each other. The partition profile between the openings at the back of the adapter is to be placed between the two existing duct openings in the wall.



The adapter is fixed correctly when the suspension profile points upwards. The distance (A) between the duct openings is 343 mm. Adapter surfaces and duct openings are fitted with sealing strips.

Dimensions of adapter duct openings:

	Height	Length
CDP 35T	116	387
CDP 45T	116	692
CDP 65T	116	1232

Adapter depth amounts to 72 mm.