

# CEILING VOID AIR HEATERS (PC-600)

- Fan coil unit for ceiling installation
- Heating
- Available with a complete air distribution kit
- Compact design



## Description

The PC-600 is a fan coil unit suitable for installation in ceiling voids. Due to the low noise level this system is frequently applied in areas where heating, recirculation and ventilation is required. The PC-600 has pre-coated plating which enables direct installation in any area. The minimum height of the PC-600 Unit is 285mm which ensures easy installation in ceiling voids.

There are three circular connections situated on the outlet side, which can be easily connected to an air duct system. These units are normally applied for heating. The PC-600 is available with a air distribution system, complete with flexible hose, plenums return and distribution grilles.

## Function

With a heating capacity of 15 kW, the PC-600 is a powerful unit. Air is supplied by twin low noise centrifugal fans. The PC-600 suctions air from behind the unit. The outlet side consists of three circular connections for easy connection to an air duct system or flexible hoses of  $\varnothing 200$  mm. A filter can also be installed on the air supply side.

Warm water must be supplied from an external source, such as a boiler, distribution network or heat pump. The PC-600 is optimally used in combination with an Air Curtain LG.

## Technical specifications

The PC-600 is constructed from durable, corrosion-proof and low maintenance coated panels in a light grey colour (RAL 7035). The high quality, polished interior is thermally and acoustically insulated. The PC unit has built in, vibration free and noise reduction fans, which can be adjusted to different speeds.

Compliance as per the Standards stated in Machine Directive 89/336 EC (attachment 2B) and the Low Voltage Directive 73/23/EEC

## Supplied with:

- filter (optional)
- high efficiency heat coils for warmth
- twin centrifugal fans
- three circular connections, suitable for  $\varnothing 200$ mm connections
- complete air distribution kit (optional)
- room thermostat and 3 step switch (optional)



## Standard air distribution-kit, consists of:

- 3x supply air diffusers
- 3x air distribution plenums
- 1x flexible aluminium (non-insulated) hoses with a length of 10 metres
- 6x hose clamps

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## Technical data

PC-600	Unit	PC-600
Ventilator	type	DPA146-220/70
Heating capacity <sup>1)</sup>	kW	15
Air volume	m <sup>3</sup> /h	1080
External resistance	Pa	55
Water pressure drop	kPa	24
Sound <sup>2)</sup>	dB(A)	40
Weight	kg	32
Motor rating	W	70
Maximum current	A	0,85
Electrical connection	V/ph/Hz	230/1/50
Dimension (lxwxh)	mm	465x1020x285
Article number	PC-600	991-701

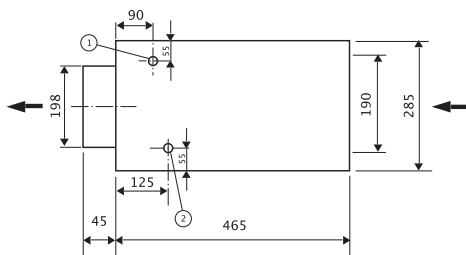
1) LPHW flow/return conditions- 90 - 70°C (other conversions available on request)

2) Sound pressure measured at 3 metre distance from the outlet nozzle ref 10e-12W. All values +/- 3 dB(A)

## Product Options

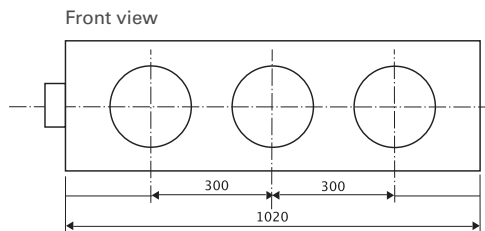
Opties	Type	Article number
Air Distribution Set (3x grille, 3x plenum, 10 metre flexible hose)	UKV	991-703
Filter set Class G3	F	111-701
Air return grille	RR	091-001
Room thermostat with 3-step switch	RT3	415-003

## Measurements



1. Warm water entry
2. Warm water exit

Water connection 22mm diameter  
All dimensions in mm



Back view

