

## Climate Conditioning

- Cools and dehumidifies the supply air
- External air cooled water chiller
- Internal Chilled Water Coil(s)
- Very quiet
- Zone controllable
- Easy installation to heat recovery systems
- Heat pump version available



Photo: External air - cooled water chiller

### General

The AllergyPlus climate conditioning system comprises of an external air - cooled water chiller and internal chilled water coil to provide comfort cooling and dehumidification to the supply air.

The external air - cooled water chiller is equipped with a water pump, expansion vessel, mechanical water filter, storage tank with antifreeze electric heater.

Units are available in single or three phase supply and as a heat pump option.

### Performance

The AllergyPlus climate conditioning system is designed for use in flats / apartments, houses and smaller commercial buildings.

It's compact design means it can easily and quietly be located in the loft, plant room or basement.

The external air - cooled water chiller has a high efficiency scroll compressor with low power consumption and a closed refrigeration circuit.

The internal chilled water coil are connected by 22/28mm feed and return water pipes with a maximum head of 55 metres from the external unit.

The AllergyPlus climate conditioning system can be bespoke to fully meet your cooling requirements and be zone controlled.

### Specification

Cooling Capacity 8.20 kW

Air - cooled water chiller:

Max. Input Power 3.43 kW

Running Current 16.7 Amps (single phase)

Casing Steel with rustproof polyester paint

Dimensions H 101.4 cm x W 120.0 cm x D 43.5 cm  
Weight 120 Kg

Chilled Water Coil:

Casing Galvanised steel

Dimensions H 40.5 cm x W 47.5 cm x L 38.0 cm

Weight 13 Kg

Spigot size 200mm dia

Max. Input Power 145 w per fan

Running Current 0.64 Amps per fan

Manufactured in the UK and Italy with comprehensive warranty and CE Approval.