

General Specification for the **PAHU-X** Range of Packaged double deck Recuperator Units

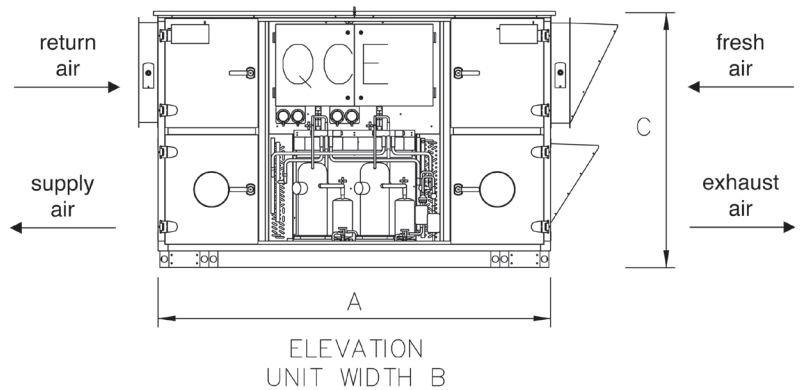
GENERAL SPECIFICATIONS

The PAHU-X range comprises five models, which are fully packaged DX units complete with high efficiency recuperator, compressor pack and controls.

The units are constructed from extruded aluminium framework, which will have a mill finish. Panels will be double skinned as standard constructed from galvanised steel inner skins and pre-painted steel outer skins. The cavity between the skins will be filled with Class I high-density insulation and can be either 25mm or 50mm thick.

Units are provided with a G4 synthetic panel with F7 rigid bag filters as an option. Filters will be provided with inclined gauge manometers as standard. Magnahelic gauge manometers are also available as an option.

Recuperators are of the high efficiency type formed from aluminium plates with a galvanised steel casing. Plates are sealed to prevent cross contamination. The recuperator is utilised during the summer months to provide “free cooling”.



The dynamic heat recovery system utilises R407C within a heat pump refrigeration circuit which will comprise:

- Scroll compressors.
- Copper/Aluminium evaporator/condenser coils.
- Biflux thermostatic valves
- 4-way valves for cycle inversion
- High/Low pressure switches
- Liquid separators and receivers

The control panel will be complete with microprocessor for self-control and self-setting working mode. A remote console is provided for set and display. The unit is supplied with a BMS interface.

MODEL	100	120	140	160	180
A - Length (mm)	2250	2400	3000	3300	3300
B - Width (mm)	1000	1200	1500	1850	2250
C - Height (mm)	1300	1560	1860	2020	2020
Air Volume (m ³ /s)	0.56/0.67	1.11/1.33	1.67/1.94	2.22/2.78	2.78/3.89

Power Supply: 415V – 3ph – 50Hz



Ventilation Equipment Ltd

M&Y Ventilation Equipment Ltd are Specialists in Standard and Special
Air Handling Units for Ventilation and Air Conditioning Applications

M&Y Ventilation Equipment Ltd, Ashdown Suite, Delta House, Bridge Road,
Haywards Heath, RH16 1UA

T: 0844 756 0202 • F: 0844 756 0203
E: sales@myventilation.co.uk • W: airhandlingunits.co.uk