

General Specification for the **PAHU-T** Range of Packaged Thermal Wheel Units

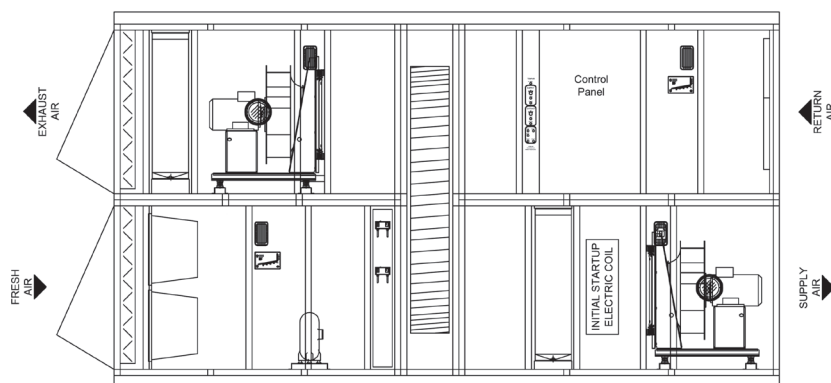
CONCEPT:

The new range of low energy, air sourcing, heat pump systems provide heating, cooling and recovery for fresh air control. Energy for heating or cooling is provided by the combination of a recovery wheel and variable capacity air source heat pump.

The new range comprise of nine standard models with built in recovery wheel, DX air source heat pump and full controls including inventors and suitable for BMS control.

ENERGY SAVING FEATURES:

- 70% efficient thermal wheel (equal air volumes)
- Digital scroll compressor with variable capacity
- Direct expansion
- Inverter driven plug fans
- Demand controlled ventilation
- Low SFP
- Minimal defrost



SYSTEM BENEFITS:

- Savings in LPHW, DX or CH/W costs, space and time
- Utilises renewable energy from air source heat pump
- Reduced plant space having both heating and cooling integral to AHU
- Variable capacity scroll compressors
- All controls pre-wired within AHU
- Extraction from the air does not involve any major infrastructure costs and can be self-contained without external heating and cooling plant, reducing construction work and costs

For non-standard sizes / volumes, please contact the sales office on:

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

MODEL: PAHU-T	200	300	400	500	600	700	800	900	1000
A - Length (mm)	3600	3800	3800	4300	4300	4800	4800	5500	5800
B - Width (mm)	1110	1360	1360	1860	1860	2110	2100	2360	2860
C - Height (mm)	1360	1780	1780	2000	2000	2380	2380	2680	3100
Air Volume (m3/s)	0.82/0.55	1.0/0.8	1.5/1.0	1.94/1.5	2.52/2.0	3.06/2.5	3.9/3.0	5.04/4.0	7.56/5.5



Ventilation Equipment Ltd

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

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