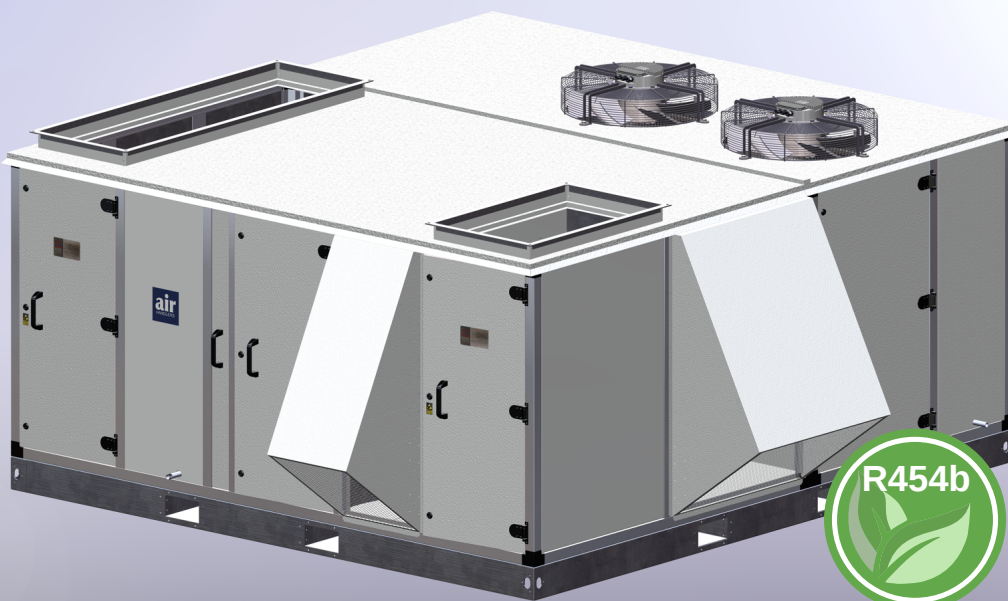


# Air-PRO Packaged Rooftop Unit

High efficient & versatile packaged roof-top unit solutions.

**air**  
HANDLERS



## SYSTEM BENEFITS

- ✓ Low environmental impact by using R454b.
- ✓ Capacity control.
- ✓ High energy efficiency throughout the year.
- ✓ Low sound level.
- ✓ Up to 3 dampers (fresh/extraction/return air).

| Air-Pro Model                                           | 060        | 120        | 240         |
|---------------------------------------------------------|------------|------------|-------------|
| Cooling Capacity (kW)                                   | 61.1       | 119.6      | 241.2       |
| Heating Capacity (kW)                                   | 35.3       | 69.8       | 140.9       |
| Nominal Air Flow m <sup>3</sup> /hr (m <sup>3</sup> /s) | 14,400 (4) | 28,800 (8) | 57,600 (16) |
| No. of Compressors/Circuits                             | 1/1        | 2/2        | 4/2         |

- All data is nominal.
- Cooling capacities are calculated for indoor temperature conditions; 31°C and 50%RH, outdoor condition; 35°C.
- Heating capacities are calculated for indoor temperature condition 12°C, outdoor condition -5°C.

## System Equipment

- ✓ Variable speed Compressors.
- ✓ EC indoor/outdoor fans.
- ✓ Electronic expansion valves.
- ✓ Suction and discharge pressure transducers.
- ✓ Refrigerant leakage sensor.
- ✓ Discharge temperature sensor.
- ✓ Up to 2 room temperatures.
- ✓ Outdoor air temperature.
- ✓ Supply air temperature.
- ✓ Return air temperature.
- ✓ Damper Actuators.

## System Characteristics

- ✓ Ability to adjust cooling & heating capacity according to the actual building needs.
- ✓ Precision control discharge/suction pressure.
- ✓ Defrost mode.
- ✓ Auto temperature setpoint adjustment.
- ✓ Auxiliary heating modules.
- ✓ Coils with Copper pipes & Aluminium Fins.
- ✓ Air Filters.
- ✓ Optional modes of Assembly;
  - ▶ Full Fresh Air ▶ Full Return Air ▶ Fresh & Return Air
  - ▶ Building pressure control
- ✓ Various methods for calculating fresh air supply.



Air Handlers Northern Ltd.

Bute Street, Weaste, Salford, Manchester, M50 1DU

Tel: 0161 745 8888

Email: sales@airhandlersnorthern.co.uk