



# VRV H - Heat Pump

Available in	Heat Pump
Capacities	Standard: 16kW-168kW, High COP: 32kW-101kW
Refrigerant	R410A

VRV H is Daikin's answer to the next generation of variable refrigerant volume air-conditioning systems. VRV H offers improved energy performance with the introduction of VRT Smart technology, improved part load performance through new 'K' Type Compressor incorporating new back pressure control mechanism\* and reliability of operations to meet the needs of the modern commercial building.

Utilising the latest advances in Refrigeration and Air conditioning Technology coupled with an innovative mindset, Daikin's VRV H delivers greater design flexibility offering models with a capacity of up to 168kW, connection of up to 64 indoor fan coil units, a connection ratio up to 200% (conditions apply), outside air treatment options and a range of BMS options to adapt to the operational and climate demands of the everyday modern building.

\*Only applicable to VRV H 10, 12 & 20HP modules

## [See more](#)

( [https://www.daikin.com.au/sites/default/files/PCVAU1809B-Daikin-VRV-General-Catalogue\\_LR.pdf](https://www.daikin.com.au/sites/default/files/PCVAU1809B-Daikin-VRV-General-Catalogue_LR.pdf) )

## VRT SMART (VRT + AIRSIDE CONTROL)

### HOW DOES VRT SMART WORK?

- Individual FCU calculates required capacity based on  $\Delta T$ , temperature trends
- FCU regulates airflow according to load (i.e. variable air volume control)
- If load cannot be met through Airside Control, condenser will regulate to meet load requirements

### BENEFITS OF VRT SMART

- Better comfort levels for occupants
  - FCU does not turn thermo off
  - Fast response to load change
- Improved energy performance across the year

### VRV H FEATURES

- New VRT Smart feature, delivers superior comfort and energy performance



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## Minimum Energy Performance Standards

All Daikin air conditioners exceed MEPS requirements, in line with Daikin's commitment to providing energy efficient, quiet, simple to use and reliable air conditioning solutions.

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## Partner Portal

A full range of technical and support materials, including Engineering Data, Service and Installation Manuals are available via the Daikin Partner Portal (<https://portal.daikin.com.au/>)

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