

HARCOURTS RATA & CO HEAD OFFICE – HITACHI SIDESMART SOLUTION



Victoria, Australia

Operating since 1888, Harcourts provides a full range of real estate services including residential, commercial, rural and property management.

Harcourts are leaders in Australian real estate – the fastest growing real estate brand across the country – forging national standards and delivering best practice in property services.

Harcourts Rata & Co choose Hitachi SideSmart VRF for its compact design of both the indoor and outdoor units. The client had a strong desire to ensure that the outdoor units were not visible from the street view, and the SideSmart’s compact profile perfectly addressed this requirement.

Solution & Application



OFFICE



COMPACT

Key outcomes

- ✓ **Compliance with regulations**
- ✓ **Reduction of noise pollution**
- ✓ **Customized comfort**
- ✓ **Embedded service functions**
- ✓ **Extreme efficiency**
- ✓ **Superior reliability**

Key stakeholder requirements

- **Quick Lead Times** — Hitachi SideSmart VRF is stocked and available to meet the projects tight construction schedule. of SideSmart units in stock aligned perfectly with their tight construction schedule, which required an immediate commencement.
- **Wi-Fi Control** — Allows the key stakeholders to control the system and troubleshoot anywhere at anytime via a smart device. Harcourts required remote access to the units, aligning perfectly with their technological preferences and providing them with greater control and convenience.
- **Compact installation** — Light weight Sidesmart™ Slim Modular VRF units were installed on the roof and compact indoor units maintained a minimalistic aesthetic. The client had a strong desire to ensure that the outdoor units were not visible from the street view.

Our solution

Our team thoroughly selected the following Hitachi products:

- **Hitachi SideSmart™ Slim Modular VRF** — Chosen because of their compact side discharge outdoor units which measure only 420mm deep, these were able to fit in the limited space available without sacrificing performance. This range also presented fewer complications during delivery and installation due to its lightweight build. Its modularity means that up to 4 outdoor units can be connected, offering a maximum combined cooling capacity of 152kW. .
- **Compact Bulkhead Indoor Units** - limited ceiling space on the ground floor played a crucial role in their decision-making process. The client's preference for a sleek and minimalist design led them to select the compact bulkhead option, which harmoniously blended with the overall aesthetic.
- **Hitachi airCloud Pro VRF remote management** — Installed to enable complete control via smartphone or web application. Project stakeholders were very impressed with the features of airCloud Pro, especially the capability for troubleshooting any system issues that may arise with access to an error history. Hitachi airCloud Pro alerts the users when maintenance is required to ensure the system is always operating efficiently and effectively.



GENERAL INFORMATION

Customer

Harcourts Rata and Co

Location

337 Settlement Rd, Thomastown VIC

Project

Hitachi

Date of installation

October 2022

Mechanical Contractors

Ralcron Tigani Pty Ltd

SYSTEM DESCRIPTION

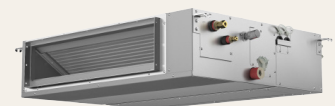
Outdoor Units

- 1 off RAS-220HNCELWS (Consisting of
- 1 off RAS-120HNCELW and 1 off RAS-100HNCELW)
- 1 off RAS-240HNCELWS(2 off RAS-120HNCELW)



Indoor Units

- 5x RPIZ-1.0HNATNQ
- 2x RPIZ-1.3HNATNQ
- 4x RPIZ-2.0HNATNQ
- 1x RPIZ-2.3HNATNQ
- 4x RPIZ-2.5HNATNQ
- 1x RPI-5.0FSR
- 4x RPIM-3.0FSR
- 3x RPIM-4.0FSR



Controllers

- 24x PC-ARFG-A
- 21x THM-R2A
- 1x airCloud Gateway
- 1x PSC-A32MN

