

HITACHI **SMARTFLEX**™ VRF PRODUCT LINE

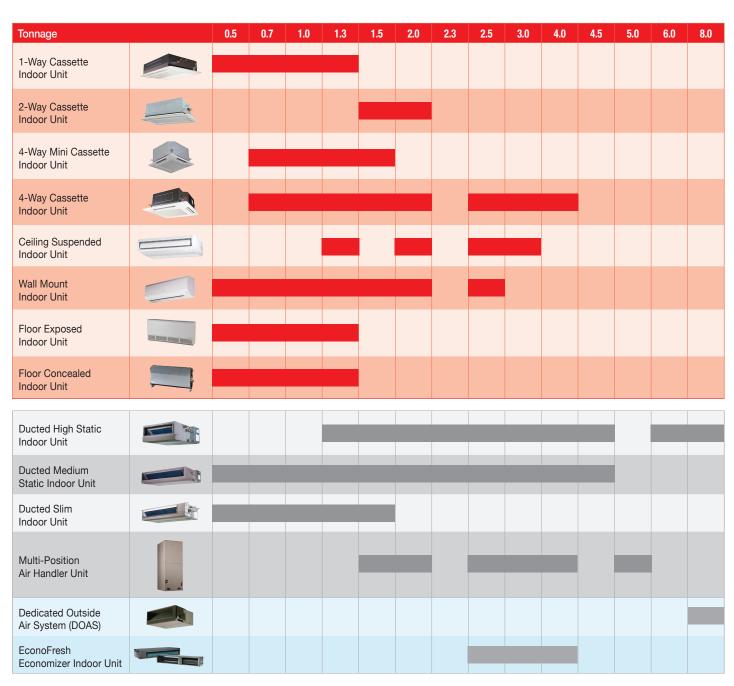
Hitachi **SMARTFLEX** VRF Indoor Units

Hitachi **SmartFlex** VRF indoor units operate quietly and are easy to install, service and maintain.

A wide variety of non-ducted and ducted indoor units are available in styles and capacities to fit multiple applications. Units specifically designed to introduce fresh air provide additional options for design as well as provide the ability to meet industry and local air quality standards. Units operate quietly with sound ratings as low as 24.5 dBA.

| Change-Over Boxes | | | | | | | | |
|-----------------------------------|--|--|--|--|--|--|--|--|
| Single-Port Change-Over Box | | | | | | | | |
| 4 Port Change-Over Box | | | | | | | | |
| 8 Port Change-Over Box | | | | | | | | |
| 12 Port Change-Over Box | | | | | | | | |

^{*}Mini VRF compatible with indoor units up to and including 5 Tons.





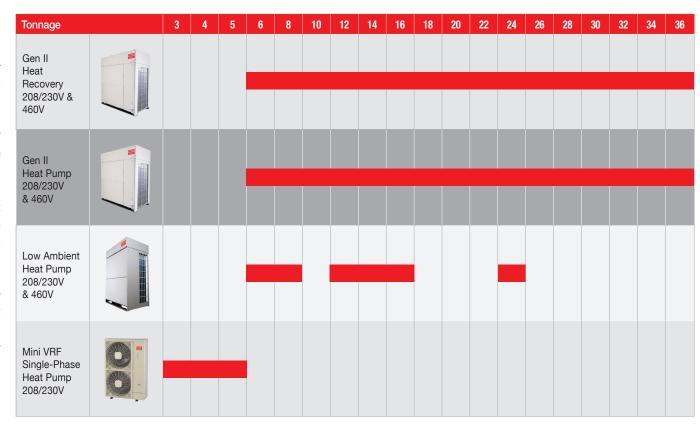
HITACHI **SMARTFLEX**™ VRF PRODUCT LINE

Hitachi SMARTFLEX VRF Outdoor Units

Hitachi **SmartFlex** VRF outdoor units, in capacities from 3 to 36 tons with modular system combinations, include heat pump and heat recovery units.

Heat pump units can be either in heating or cooling mode. Heat recovery units enable heating and cooling simultaneously. VRF Gen II heat pump and heat recovery units offer an extended operating range: outdoor ambient temperature as low as -4°F in the cooling mode with low-ambient kit installed and as low as -13°F in heating mode.

The Mini VRF heat pump system can provide cooling down to 23°F outdoor ambient temperature, and the Low Ambient Heat Pump system can provide high capacity heating down to -13°F.



Hitachi SMARTFLEX VRF Controllers

| Simplified Wired (CIS01) | Wired (CIW01) | Wireless (CIR01) | Mini Central Station (CCM01) | Large Central Station (CCL01) | Computerized Central Controller (CCCS01/CCCA01) | Web-Enabled Central Controller (CCWEB01) | LonWorks® Adapter (CLW01) | Johnson Controls VRF Smart Gateway (CBN02) | VRF Cloud Gateway (CMNETS) |
|---|---|---------------------|---|---|---|--|---------------------------------|---|----------------------------------|
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