

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	

Tonnage		0.5	0.7	1.0	1.3	1.5	2.0	2.3	2.5	3.0	4.0	4.5	5.0	6.0	8.0	
1-Way Cassette Indoor Unit		■														
2-Way Cassette Indoor Unit						■										
4-Way Mini Cassette Indoor Unit			■													
4-Way Cassette Indoor Unit			■						■							
Ceiling Suspended Indoor Unit					■		■		■							
Wall Mount Indoor Unit		■							■							
Floor Exposed Indoor Unit		■														
Floor Concealed Indoor Unit		■														

Ducted High Static Indoor Unit						■										
Ducted Medium Static Indoor Unit		■														
Ducted Slim Indoor Unit		■														
Multi-Position Air Handler Unit						■			■				■			
Dedicated Outside Air System (DOAS)															■	
EconoFresh Economizer Indoor Unit									■							

*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.

Tonnage		3	4	5	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	
Gen II Heat Recovery 208/230V & 460V																					
Gen II Heat Pump 208/230V & 460V																					
Low Ambient Heat Pump 208/230V & 460V																					
Mini VRF Single-Phase Heat Pump 208/230V																					

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)
									

SmartFlex™ and Facility Explorer® are registered trademarks of Johnson Controls, Inc. and Hitachi SmartFlex products are manufactured by Hitachi, Ltd.