

## Indoor Units

### **BDDH-( ) ( )SAK** **BDDH-( ) ( )SBK**

High Static Pressure Ducted Type Indoor Unit with Condensate Pump

- Static pressure can be up to 0.8 WC
- Maintenance port for easy access, service and repair
- Basic washable filters
- Built in condensate pump, with float switch pumps up to 39 inches
- Can be installed with circular or rectangular air duct
- System monitors itself for freeze protection, fan motor overload, temperature sensor malfunction
- Premium wired controller included



### **BDDL-( ) ( )SAK**

Low Static Pressure Ducted Type Indoor Unit

- Provides a comfortable and quiet environment
- Built in condensate pump, with float switch pumps up to 39 inches
- Basic washable filters included
- Easy installation and maintenance featuring, tabbed plastic filter, detachable fan motor, independent water pump assembly, electrical box assembly
- System monitors itself for freeze protection, fan motor overload, temperature sensor malfunction
- Premium wired controller included



### **BD4W-( ) ( )SAK**

4-Way Cassette Indoor Unit

- Auto operation, seven fan speeds and strong airflow
- Ultra-quiet operation, DC inverter motor offers stepless speed regulation
- Built in condensate pump, pumps up to 39 inches
- System monitors itself for freeze protection, fan motor overload, temperature sensor malfunction
- Face frame panel included



### **BD4WC-( ) ( )SAK**

4-Way Compact Cassette

- Fits in a standard 2-by-2 ceiling grid
- Auto operation, seven fan speeds
- DC inverter motor offers stepless speed regulation
- Built in condensate pump, pumps up to 39 inches
- Face frame panel included



## Indoor Units

### **BD2W-( ) ( )SAK**

2-Way Cassette Indoor Unit

- Used in larger rectangular spaces, such as hallways and offices
- Adjustable louvers to ensure customizable air distribution
- Elegant, attractive front panel
- Built in condensate pump, pumps up to 39 inches
- 2-way air outlet improves airflow providing comfort and even air distribution in more elongated rooms
- System monitors itself for freeze protection, fan motor overload, temperature sensor malfunction, humidity
- Face frame panel included



### **B-HW-( ) ( )A3AK**

Wall-Mounted Indoor Unit

- Up & down air outlet
- Washable filter
- Cold air prevention function warms the air before the fan is engaged providing warm air on start
- System monitors itself for freeze protection, fan motor overload, temperature sensor malfunction
- Error code indicator



### **BDFC-( ) ( )AK**

Floor/Ceiling Type Indoor Unit

- Can be mounted overhead in a hoisted position or mounted in seated position on the wall, close to the floor
- Elegant, attractive front panel
- Convenient space provided for condensate pump installation
- System monitors itself for freeze protection, fan motor overload, temperature sensor malfunction
- Horizontal and vertical air swing



### **BDCO-( ) ( )AK**

Console Type Indoor Unit

- Radiator-type and knee-wall installations, like finished attic spaces with low walls
- Multiple fan speed
- Front grille is easily detachable for easy filter cleaning
- Durable, long-life, washable filter included
- Configurable bi-directional airflow
- System monitors itself for freeze protection, fan motor overload, temperature sensor malfunction



### **BDFA-( ) ( )AK**

Fresh Air Unit

- Fresh Air DC Inverter system combines with V5 outdoor unit
- Pre-heats and pre-cools outdoor air before entering building conditioned space
- Up to 1470 cfm (2,500 M3/Hr)



## Outdoor Units

### V5BV-( )WM(A/B)K

Mini Heat Pumps, Multi-Zone

- 3, 4 and 5 ton condensers
- These stand-alone condensers can be combined with up to 10 indoor units
- -22° F Heating
- DC Inverter compressor technology
- 208/230, single phase
- Non-polar communication network
- Available in Ultra, rated to heat at -22 F and below 100% of nominal capacity at -20.8 F



### V5BV-( )WMBC

Heat Pumps, Multi-Zone

- Available in 208/230 and 460V three phase
- Available in 6, 8 and 10 tons
- Modular design flexibility
- Wide operating temperature range
- Aluminum-manganese, anti-rust alloy gold fins are coated with an epoxy resin
- Intelligent debugging simplifies start up
- Auto addressing of indoor and outdoor units
- Outdoor units can be linked up to 30 tons with up to 60+ indoor units
- Non-polar communication network



### V5BV-R-( )WMBC

Heat Recovery System, Multi-Zone

- Available in 208/230 and 460V three phase
- Available in 6, 8 and 10 tons
- DC inverter technology
- Auto addressing of indoor and outdoor units
- Outdoor units can be linked up to 30 tons with up to 60+ indoor units
- Non-polar communication network



## V5 Branching Units

### V5BV-R1K

Mode Exchange Unit

- 1 port
- Capacity each port 48 MBTUH
- Up to 6 connectable indoor units each port
- 208/230, single phase
- Required for heat recovery
- Each port can be in heating or cooling mode independently



### V5BV-R2K

Mode Exchange Unit

- 2 port
- Capacity each port 48 MBTUH
- Up to 6 connectable indoor units each port
- 208/230, single phase
- Required for heat recovery
- Each port can be in heating or cooling mode independently
- "Pass-through" so it doesn't require the use of a Y-branch



### V5BV-R4K

Mode Exchange Unit

- 4 port
- Capacity each port 48 MBTUH
- Up to 6 connectable indoor units each port
- 208/230, single phase
- Required for heat recovery
- Each port can be in heating or cooling mode independently
- "Pass-through" so it doesn't require the use of a Y-branch



### V5BV-R8K

Mode Exchange Unit

- 8 port
- Capacity each port 48 MBTUH
- Up to 6 connectable indoor units each port
- 208/230, single phase
- Required for heat recovery
- Each port can be in heating or cooling mode independently
- "Pass-through" so it doesn't require the use of a Y-branch



## VRF Controls

### RC

Wireless Remote Controller

- Auto, cooling, dehumidifying, fan and heating operation modes
- 6 levels of fan speed
- Child lock, drying, health, ventilation, turbo, sleep, light, absence, IFeel, and timer functions
- Clock display and indoor/outdoor ambient temperature viewing functions
- Up/down swing and left/right swing

### WRC1

Wired Remote Controller

- Comes standard with every ducted indoor unit, optional for ductless indoor units
- LCD with touch buttons
- 24 hour timer setting for on/off
- 7 levels of fan speed, up/down swing and left/right swing
- Auto, cooling, dehumidifying, fan, heating, floor heating, 3D heating and space heating operation modes

### WRC-RD

Wired Receiver

- Allows use of wireless remote
- Five indicating LEDs
- Optional for High ESP, Low ESP, Slim Ducted Duct Type and Fresh Air Processing indoor units
- Temperature displayed in Fahrenheit or Celsius

### CC-255

Central Controller

- High-resolution color LCD
- 7" touch screen for easy operation
- Project setting, parameter viewing, malfunction record and access management functions
- Up to 255 indoor units centrally controlled
- Elegant and fashionable appearance
- Embedded installation in wall with projecting thickness only of 7/16 inch
- Scheduling, zoning, individual and group control
- Connectable with network of indoor units or outdoor units
- Independent power supply in 110-240V wide voltage range
- Low cost building management solution



## VRF Controls

### CC-32

Smart Zone Central Controller

- High-resolution color LCD
- 7" touch screen for easy operation
- Up to 32 indoor units centrally controlled
- Elegant and fashionable appearance
- Embedded installation in wall with projecting thickness only of 7/16 inch
- Connectable with network of indoor units or outdoor units
- Independent power supply in 110-240V wide voltage range
- Project setting, parameter viewing, malfunction record and access management functions
- Scheduling, zoning, individual and group control
- Low cost building management solution



### COM-S

Kit for Commissioning Software

- Very competitively priced
- Automatic commissioning
- Software can monitor each system, equipment and part
- Real-time control allows setting air conditioner indoor units, like start/stop, temperature, fan speed, operation mode, air conditioner outdoor units and gateways
- Automatically records for troubleshooting via data analysis
- Much lower cost than comparable troubleshooting tools



### LDM-S

Long-Distance Monitoring Software

- Requires the MOD-G or BAC-G ModBus Gateway
- CAC web-based remote monitoring and control system
- Full remote control, monitoring, and scheduling at lower cost than traditional BMS



## VRF Controls

### MOD-G

#### ModBus Gateway

- Provides V5 system with the Modbus protocol interface when connecting to the building
- Real-time monitoring of on/off, mode, temperature operations
- Controls all the units on and off switches
- Monitors unit errors
- One Modbus gateway can support 16 outdoor units and 128 indoor units

### BAC-G

#### BACnet Modbus Gateway

- International standard BACnet/IP interface, which has passed BTL certification
- Real-time monitoring of on/off, mode, temperature operations
- BACnet and Modbus are available in one gateway
- Monitors unit errors
- 8 DI/DO interfaces for safety shutdown, interlocking exhaust fans, makeup air, lighting, motion sensors, other equipment and accessories
- Large storage capacity of unit operation data for up to 6 months



**5 YEAR**  
LIMITED PARTS  
WARRANTY

**7 YEAR**  
COMPRESSOR  
WARRANTY

## Standing behind your Investment

Reznor variable refrigerant flow (VRF) multi-zone systems offer a 5-Year limited parts warranty. Compressors carry a 7-Year warranty. To learn more about our product warranties, ask your Reznor contractor.

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