CONTROLS

INDIVIDUAL RESIDENTIAL AND COMMERCIAL CONTROLS

R32
ARASHI

- On/off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic, eco.
- Adjustable fan speed: low, medium-low, medium, medium-high, high or automatic.
- Vertical and horizontal louver swing.
- Sleep.

- Turbo.
- Silence Mode.
- Child lock.
- Follow Me function.
- On/off timer.
- Light Ventilation "Gentle Wind".
- Self Clean.
- Timer.
- "Health" air purification.

R32
KAITEKI

- On/off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic, eco.
- Adjustable fan speed: low, medium-low, medium, medium-high, high or automatic.
- Vertical louver swing.
- Sleep.
- Turbo.

- Silence Mode.
- Child lock.
- Follow Me function.
- On/off timer.
- Self Clean.
- Timer.

R32
INAZAMI

- On/off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Adjustable fan speed: 1~100%.
- Vertical and horizontal louver swing.
- Sleep.
- Turbo.

- LED function.
- Silence Mode.
- FP mode.
- Follow Me function.
- On/off timer.
- Breeze Away.
- Eco/Gear.
- Fresh.

R32
V-DESIGN PLUS

- On/off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Fan speed: low, medium, high or automatic.
- Vertical louver swing.
- Sleep.
- Turbo.

- LED function.
- Eco function.
- Follow Me function.
- On/off timer.
- Self Clean.

R32
ACTIVE LINE

- On/off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Fan speed: low, medium, high or automatic.
- Vertical louver swing.
- Direct function.
- Sleep.

- Turbo.
- LED function.
- Silence Mode.
- FP Mode.
- Follow Me function.
- On/off timer.
- Self Clean.

R32
compact cassette 60x60
slim cassette 84x84
floor/ceiling

- On/off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Fan speed: low, medium, high or automatic.
- Vertical and horizontal louver swing.

- Sleep.
- Turbo.
- LED function.
- Follow Me function.
- On/off timer.
- Self Clean.
- Shortcut function.

INDIVIDUAL RESIDENTIAL AND COMMERCIAL CONTROLS

R32

medium static pressure duct

- On/off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Clock and timer setting.
- Clock and On/off timer.

- Vertical and horizontal swing (on some models).
- Fan speed: low, medium, high or automatic.
- Weekly timer.
- Follow Me function.

- Child lock.
- LCD display.
- Infrared remote control (on some models).
- Lifting panel (on some models).

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OPTIONAL INDIVIDUAL COMMERCIAL CONTROLS

DHW-WT-ZA

Compact and slim cassette, ceiling/floor

- On/off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Clock and timer setting.
- Clock and On/off timer.
- Automatic air flow test.

- Independent louver control.
- Fan speed: low, medium, high or automatic.
- Temperature limit setting.
- Weekly timer.
- Turbo.
- Follow Me function.

- Key lock.
- Child lock.
- ESP setting.
- Error detection.
- Auto-restart.

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INDIVIDUAL XRV CONTROLS

DHIR-5-6-XRV-K-P

- On/off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Horizontal louvre swing (only active for floor/ceiling I.U.).
- Vertical louver swing.
- Reset.

- Key lock.
- Fan speed: low, medium, high or automatic.
- Clock and On/off timer.
- Eco function.

DHW-5-6-XRV-P

- On/off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Vertical louver swing.
- Silent mode.
- Reset.
- Key lock.

- Fan speed: low, medium, high or automatic.
- Clock and On/off timer.
- Eco function.
- Filter cleaning indicator.

GROUP XRV CONTROLS

DHWT-16-XRV-P

- On/off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Vertical louver swing.
- Silent mode.
- Reset.

- Key lock.
- Fan speed: low, medium, high or automatic.
- Clock and On/off timer.
- Weekly timer.
- Eco function.

- Reminder of filter cleaning.
- Group control up to 16 I.U.

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CENTALIZED XRV CONTROLS

DHC-8-64-XRV-P

- On/off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Vertical louver swing.
- Silent mode.
- Reset.
- Key lock.
- Fan speed: low, medium, high or automatic.

- Clock and On/off timer.
- Weekly timer up to maximum 20 programs.
- Holiday mode.
- Eco function.
- Error detection.
- Manages up to 20 groups.
- Report export via USB.

DHC-48-364-XRV-P

- On/off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Vertical louver swing.
- Silent mode.
- Reset.
- Key lock.
- Fan speed: low, medium, high or automatic.

- Clock and On/off timer.
- Weekly timer up to maximum 20 programs.
- Holiday mode.
- Eco function.
- Error detection.
- Manages up to a 48 groups and 384 I.U.
- Report export via USB.
- Consumption analysis.

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INDIVIDUAL SIMPLIFIED XRV CONTROLS

DTWS 4 IHXR Compact

- On-off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Clock and timer setting.
- Positioning of motorized louvres.

- Fan speed: low, medium, high or automatic.
- Reminder of filter cleaning.
- Wireless signal receiver.
- Key lock.
- Eco function.
- Follow Me function.

DTW IHXR Simply

- On-off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Fan speed: low, medium, high or automatic.
- Reminder of filter cleaning.
- Wireless signal receiver.

- Key lock.
- Eco function.
- Follow Me function.
- Button 26° C.

OPTIONAL ACCESSORIES

DTA-XRV-P-I
Three-phase O.U. XRV

- Power consumption detector.
- Digital ammeter for measuring the electrical consumptions of the XRV outdoor units.
- Accessory can only be integrated with centralizer DHC-48-384-XRV-P.

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INTERFACES FOR BMS PROTOCOLS

DHMOD1-XRV-I
Modbus

- Connects up to 64 indoor units and 4 outdoor units.
- Modbus communication protocol.

DHLON1-XRV-I
Lonworks

- Connects up to 64 indoor units and 4 outdoor units.
- Lonworks communication protocol.

DHBAC1-XRV-I
Bacnet Gateway

- Connects up to 64 indoor units and 4 outdoor units.
- Bacnet communication protocol.

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HOKKAIDO WIFI
Wi-Fi HKM-WIFI and HKM-WIFI-TB controls

Some examples of screens from iOs devices

All your main air conditioning settings right from your smartphone

Hokkaido HKM-WIFI and HKM-WIFI-TB modules for remote control access to your air conditioner via an app that can be downloaded to a smartphone.

Hokkaido provides Wi-Fi systems that can be controlled from the same app on the type of indoor unit chosen by the user:

- **HKM-WIFI**: for residential wall-mounted indoor units.
- **HKM-WIFI-TB**: for commercial slim cassette indoor units.

An intelligent app that controls comfort and energy savings that benefits your energy bill.

Home air conditioning control, even away from home

The app is available for iOS and Android devices. You can download it for free from the Apple Store and the Play Store.

Main HOKKAIDO WiFi module functions

- Access security with account protected by credentials (UserID & PWD).
- Unique identification of each individual unit that you want to check.
- On and off control.
- Operating mode selection.
- Set temperature adjustment.
- Fan speed.
- Daily and weekly timer.
- 8° C heating activation (function that prevents the room temperature from falling below 8° C).
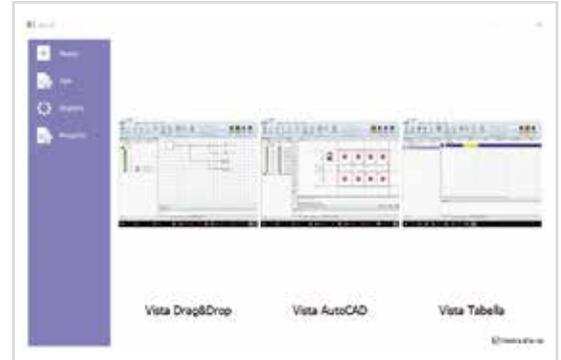- Silent mode.

DESIGN SOFTWARE FOR XRV SYSTEMS

Innovative graphic interface

- Setting the initial project conditions such as customer information, designer, unit type, operating conditions and all relevant parameters for selection.

- Indoor and outdoor unit selection: in automatic selection mode, the software suggests models that meet the design conditions.

- Branch selection.

- Choice of controls and electrical system configuration.

- Project saving and data report generation.

- Automatic indication of the unit connection path and wiring diagram for quick system installation.

- Machines list report extrapolation in Word, Excel or pdf format with technical data, piping diameter and length.

- Extrapolation in dwg format of the refrigerant and electrical diagram.

Vista Drag&Drop   Vista AutoCAD   Vista Tabella

OPTIONAL CONTROL COMPATIBILITY
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Controls	INDOOR UNITS							
	RAC wall			PAC Hybrid				XRV Systems
	Active Line	V-Design Plus	Inazami	HTFU	HTBI	HUCI/HUCU	HSFI/HSFU	XRV-P
Wire control								
DHW-WT-ZA				●	●		●	
DHW-5-6-XRV-P								●
DHIR-5-6-XRV-K-P								●
DTWS 4 IHXR Compact								●
DTW IHXR Simply								●
Centralized control								
DHC-8-64-XRV-P								●
DHC-48-384-XRV-P								●
DHWT-16-XRV-P								●
WiFi Module								
HKM-Wi-Fi	●	●	●					
HKM-WiFi LCAC				●		●	●	
HKM-WiFi-TB					●			

APPENDIX

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Detail of the control functions

- **Sleep**: improves comfort during night-time operation, through reductions (in heating) or gradual increases (in cooling) of the set temperature.

- **Turbo**: the unit runs at full speed to quickly reach the temperature in cooling or heating mode.

- **LED function**: brightness adjustment.

- **Silence mode**: diminishing of the compressor frequency with consequent reduction of noise emissions.

- **FP mode (in heating only)**: prevents the room temperature from falling below 8° C.

- **Follow Me function**: adjusts the room temperature according to the temperature detected by the remote control for maximum comfort.

- **Eco function**: automatic room temperature setting in both heating and cooling mode.

- **Self Clean**: allows the evaporator to dry, to prevent the formation of mould and bacteria.

- **Direct function**: positioning of motorized louvers.

- **Shortcut function**: automatic reset of the last settings (mode, temperature, fan speed).

- **Memory**: in case of blackout, automatically restarts with the previous settings when the power is restored.

- **Reset**: reset to factory settings.

- **Holiday mode**: allows the air conditioning system to stay in stand-by mode for the desired period without deleting the previous operating settings.

- **Breeze Away**: avoids direct air flow in cooling, ventilation and dehumidification mode.

- **Gear Function**: lets you choose the percentage of electrical energy consumed (100%, 75%, 50%) in order to save energy.

- **Fresh Function**: ion generator activation or deactivation for room air purification.

- **Gentle Wind**: in cooling mode, light ventilation function for optimal comfort.

- **Health function**: activates the bipolar ionizer and the UVC lights for air purification.