CONTROLS

CONTROLS

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INDIVIDUAL SERIES CONTROLS R32

R32
ARASHI

- On/off.
- Mode: cooling, heating, ventilation, dehumidifying, automatic, eco.
- Adjustable fan speed: low, medium-low, medium, medium-high, hig 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
WARRIORS

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

- Follow me function.
- Silence Mode.
- Timer 24h.
- Eco function.

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
compact cassette 60x60
slim cassette 84x84
floor/ceiling

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

- Sleep.
- Turbo.
- Led function.
- Follow me function.
- On/off timer.
- Self Clean.
- Breeze Away.

R32
console

- 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.

INDIVIDUAL SERIES CONTROLS R32

R32
ducted medium static pressure

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

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

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

OPTIONAL INDIVIDUAL CONTROLS R32

DHW-WT-ZA
compact cassette, slim cassette, floor/ceiling

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

INDIVIDUAL CONTROLS FOR I.U. XRV-P

DHIR-5-6-XRV-K-P

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

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

GROUP CONTROLS FOR I.U. XRV-P

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 & On/off timer.
- Weekly Timer.
- Eco function.
- Reminder of filter cleaning.
- Group control up to 16 I.U.

CENTRALIZED CONTROLS FOR I.U. XRV-P

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 & 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.
- Blocco tasti.
- Fan speed: low, medium, high or automatic.
- Clock & On/off timer.
- Weekly Timer up to maximum 20 programs.
- Holiday mode.
- Eco function.
- Error detection.
- Manages up to max. 48 groups and 384 I.U.
- Report export via USB.
- Consumption analysis.

INDIVIDUAL SIMPLIFIED CONTROLS FOR I.U. XRV-P

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
3-Phase O.U. XRV

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

INTERFACES FOR BMS PROTOCOLS

DHMOD1-XRV-I
Modbus

- Connects u 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.

WIFI HOKKAIDO
Wi-Fi HKM-WIFI-TB control

Some examples of screens from iOs devices
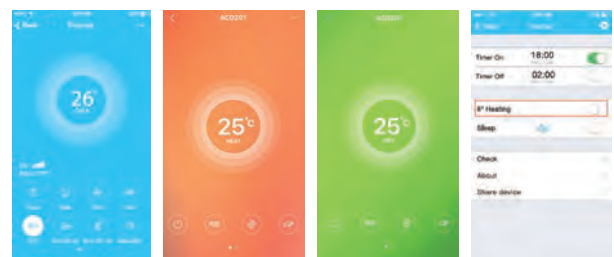
All yur main air conditioning settings right from your smartphone

The HKM-WIFI-TB module allows you to access remote control of the air conditioner via a single app downloadable on your smartphone.

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

- **HKM-WIFI-TB**: for residential wall-mounted indoor units and 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 fro free from the Apple Store and the Play Store.

Main functions of HOKKAIDO WiFi modules

- 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 & 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 parameters relevant for the choice.

● Automatic selection of indoor and outdoor units, the software suggests models that meet the project conditions, or manual.

● 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.

● Machine 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.

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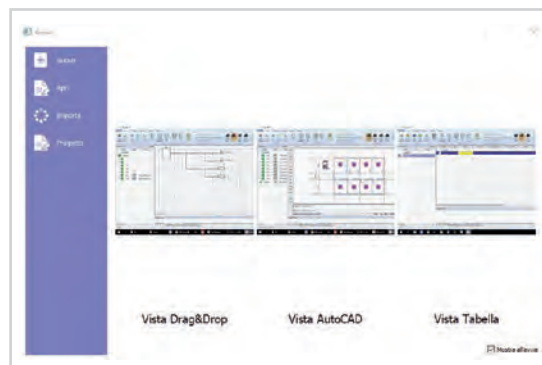
OPTIONAL CONTROLS COMPATIBILITY
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Controls	INDOOR UNITS							
	RAC parete			PAC Hybrid				XRV Systems
	Active Line	Warriors	Inazami	HTFU	HTBI	HFIU	HSFU/HSFI	XRV-P
Wired control								
DHW-WT-ZA				●	●		●	
DHW-5-6-XRV-P								●
DHIR-5-6-XRV-K-P								●
DHWT-16-XRV-P								●
DTW IHXR Simply								●
Centralized control								
DHC-8-64-XRV-P								●
DHC-48-384-XRV-P								●
WiFi Module								
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 operates at maximum speed to quickly reach the cooling or heating temperature.
- **Led function**: brightness adjustment.
- **Silence mode**: attenuation of the compressor frequency with consequent reduction in noise emissions.
- **FP mode (heating only)**: prevents the ambient temperature from falling below 8° C.
- **Follow Me function**: adjusts the room temperature according to that detected by the remote control to obtain maximum comfort.
- **Eco function**: automatic setting of the room temperature in both heating and cooling modes.
- **Self Clean**: allows the evaporator to dry, to avoid the formation of mold and bacteria.
- **Direct function**: positioning of motorize louvers.
- **Shortcut function**: automatic restoration of the last settings (mode, temperature, fan speed).
- **Memory**: in the event of a blackout, when the electricity supply is restored, it automatically restarts with the previous settings.
- **Reset**: factory reset.
- **Holiday mode**: allows you to keep the air conditioning system on stand-by for the desired period without eliminating the previous operating settings.
- **Breeze Away**: in cooling, ventilation and dehumidification modes it allows you to avoid a direct flow of air.
- **Gear function**: allows you to choose the percentage of electricity consumed (100%, 75%, 50%) obtaining energy savings.
- **Fresh function**: activation or deactivation of the ion generator to obtain purification of the air in the room.
- **Gentle Wind**: in cooling mode, light ventilation function for optimal comfort.
- **Health function**: air purification, activates the bipolar ionizer and UVC lights.

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ICON KEY

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REFRIGERANT GAS R32	**REFRIGERANT GAS R410A**	**DEHUMIDIFICATION**
COMPACT DESIGN	**AUTOMATIC BRIGHTNESS ADJUSTMENT**	**TURBO FUNCTION**
OUTSIDE AIR Pre-cut for outside air intake fitting.	**FOLLOW ME FUNCTION** Activates the temperature sensor in the remote control.	**AUTORESTART FUNCTION** Resets pre-defined settings after a blackout.
LOW ACOUSTIC IMPACT	**BIO-FILTER**	**SELF-DIAGNOSIS FUNCTION**
EASY INSTALLATION	**ION GENERATOR**	**SLEEP FUNCTION**
OPERATING RANGE Minimum or maximum values for cooling operation.	**24H TIMER**	**COMPUTERISED DEFROST**
ANTI-FREEZE FUNCTION 8° C	**WIFI READY**	**REMOTE CONTROL**
		WIRED REMOTE CONTROL