



CONTROLS



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CONTROLS

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INDIVIDUAL R32 AND R410A SERIES CONTROLS



R32
TOP CLASS

- On-off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Fan speed: low, medium, high or automatic.
- Vertical and horizontal louvre swing.
- Sleep.
- Turbo.
- LED function.
- Silence mode.
- FP mode.
- Follow Me function.
- On/off timer.



R32/R410A
V-DESIGN
R410A
ACTIVE

- On-off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Fan speed: low, medium, high or automatic.
- Vertical louvre swing
- Sleep.
- Turbo.
- LED function.
- Eco function.
- Follow Me function.
- On/off timer.
- Self Clean.



R32
ACTIVE

- On-off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Fan speed: low, medium, high or automatic.
- Vertical louvre swing.
- Direct function.
- Sleep.
- Turbo.
- LED function.
- Silence mode
- FP mode.
- Follow Me function.
- On/off timer.
- Self Clean.



R32
R410A
console
compact cassette 60x60
slim cassette 84x84
medium head duct
floor/ceiling

- On-off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Fan speed: low, medium, high or automatic.
- Vertical and horizontal louvre swing
- Sleep.
- Turbo.
- LED function.
- Follow Me function.
- On/off timer.
- Self Clean.
- Shortcut function.

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OPTIONAL INDIVIDUAL R32 AND R410A CONTROLS



DTW 3 IHXR Touch
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.

CONTROLS

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OPTIONAL R32, R410A AND P SERIES CENTRALIZED CONTROLS



DTCWT IHXR

- Manages up to a 64 I.U.
- Weekly timer.
- Memory.
- Function lock.
- Operating and ambient temperature detection.
- Error detection.



DTC IHXR Touch

- Touch screen wired remote control.
- LCD backlighting.
- Manages up to 64 I.U. individually or by creating groups of units.
- Enabling/disabling of the I.R. remote controls.
- Fan speed: low, medium, high or automatic.
- Mode: cooling, heating, dehumidifying, ventilation, automatic..
- On/off timer.
- Positioning of motorized louvres.
- Key lock.

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INDIVIDUAL CONTROLS SERIES P



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



DHW-5-6-XRV-K-P
DHW-5-6-XRV-P

- On-off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Vertical louvre swing.
- Silent mode.
- Reset.
- Key lock.
- Fan speed: low, medium, high or automatic.
- Clock and On/off timer.
- Eco function.
- Filter cleaning indicator.

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P SERIES GROUP CONTROLS



NEW

DHWT-16-XRV-P

- On-off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Vertical louvre swing.
- Silent mode.
- Reset.
- Key lock.
- Fan speed: low, medium, high or automatic.
- Clock and On/off timer.
- Eco function.
- Reminder of filter cleaning.
- Group control up to 16 I.U.

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OPTIONAL P SERIES CENTRALIZED CONTROLS



NEW
DHC-8-64-XRV-P

- On-off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic..
- Vertical louvre 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.



NEW
DHC-48-364-XRV-P
Coming soon

- On-off.
- Mode: cooling, heating, dehumidifying, ventilation, automatic..
- Vertical louvre 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.
- Data analysis of consumptions.

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OPTIONAL ACCESSORIES



DTA-IHXR

- Power consumption detector.
- Digital ammeter up to 60 A for measuring the electrical consumptions of the XRV outdoor units.
- Accessory can only be integrated with centraliser DHC-48-384-XRV-P.



DTA100-XRV-K-P-I **NEW**

- Power consumption detector.
- Digital ammeter up to 100 A for measuring the electrical consumptions of the XRV outdoor units.
- Accessory can only be integrated with centraliser DHC-48-384-XRV-P.

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INTERFACES FOR BMS PROTOCOLS

DTMOD IHXR

Modbus

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

DHLON-XRV

Lonworks

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

DBAC IHXR

Bacnet Gateway

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

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OPTIONAL INDIVIDUAL CONTROL FOR "AUTO" FUNCTION Exclusive for 3-pipe systems



DTW Auto4 XRV

- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- Clock and On/off timer.
- Silent mode.
- Reminder of filter cleaning.
- Operating and ambient temperature detection.
- Vertical louvre swing.



DTIR Auto4 XRV

- Mode: cooling, heating, dehumidifying, ventilation, automatic.
- On/off timer.
- Eco function.
- Button 26° C.
- Follow Me function.
- Vertical and horizontal louvre swing.

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CENTRALIZED CONTROL XRV MOBILE BMS

Wi-Fi control unit for iPad or PC control of internal units of a commercial system or an XRV system



Wi-Fi



Available for iOS devices from the Apple App Store.

All the functions of the Hokkaido 2.0 app:

- Switching on/off - identification of indoor units.
- Operation mode.
- Maximum and minimum temperature limits.
- Fan speed - motorized louvre movement.
- Enabling/disabling the remote control.
- Up to 59 weekly programmes (with easy setting and activation/deactivation button, audible and visual alarm signaling, automatic alert via email to 3 set addresses, using the web connection).
- Password access.
- Manages up to 64 I.U. individually or by creating groups of units.
- Weekly operating timer settings.

To control your system in total freedom and at any time of the day

The new centralised XRV mobile BMS control has been designed to ensure maximum ease of use of Hokkaido systems. XRV mobile BMS is equipped with a Wi-Fi module for configuration and local management via iPad or Windows PC. Once configured correctly, you can control your system even remotely, in a local network using a Wi-Fi router or via web by registering and connecting to www.hokkaidobms.eu.

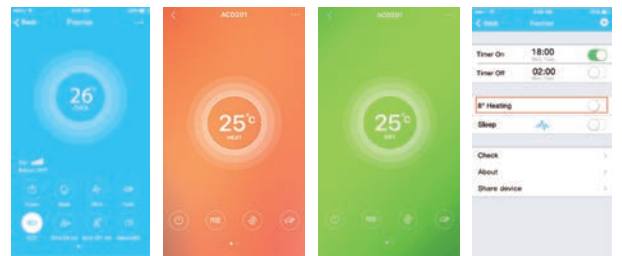
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HOKKAIDO HKM-WIFI

Wi-Fi control



Some examples of screens from iOS devices



All your main air conditioning settings right from your smartphone.

Hokkaido presents the new HKM-WIFI module that allows access to remote control of the air conditioner via an app that can be downloaded to a smartphone. Thanks to the HKM-WIFI app, it is possible to manage the main operating parameters from your home with a simple Wi-Fi home connection, or away from home, with a simple Internet connection.

With HKM-WIFI by Hokkaido it is possible to switch on, switch off, adjust the room temperature and the air flow of the air conditioner, the cooling or heating operation with a few "touches" on the mobile phone.

An intelligent app that controls comfort and energy savings with beneficial effect on the bill.

Home air conditioning control, even from outside your home.

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

Main HOKKAIDO HKM-WiFi functions

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

CONTROLS

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XRV DESIGN SOFTWARE

Advanced selection software and XRV SYSTEM sizing

Easy-to-use interactive 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.
- Possible modification of the models selected automatically by the software.
- Choice of controls and electrical system configuration.
- Project saving and data report generation.
- Automatic indication of the connection path of the units and wiring diagram for quick system installation.
- Machines list report extrapolation in word format with technical data, piping diameter and length.



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APPENDIX

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 ambient temperature according to the temperature detected by the remote control for maximum comfort.
- **Eco function:** automatic ambient 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 louvres.
- **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.