



The ultimate duct-free solution for restaurants, shops, small offices, data rooms and more light commercial projects. Also great for large residential bonus rooms.

Ranging from 18,000 Btu/h to 42,000 Btu/h, the innovative SkyAir system is designed to quietly blend into the ambience of shops, restaurants, small offices or home environments.

With a choice of a wall mounted, 4-way cassette or ceiling suspended indoor units and a long piping length of up to 230 ft., the system allows a greater flexibility of installation.



Wall mounted unit – FAQ or FTXS

Daikin’s wall-mounted units are ideal for cooling or heating smaller zones such as hotel rooms, stores, computer rooms and restaurants. The compact, stylish design lets the unit blend discreetly into any interior design, and airflow can be sent in any of five different directions and programmed via remote control.



Ceiling mounted unit - FCQ

From corner stores to offices, classrooms to hospital wards, Daikin’s elegant ceiling-mounted cassette units provide low-noise, customizable comfort. Airflow can be sent in any of four directions, and the ability to shut down one or two sides allows for easy corner installation.



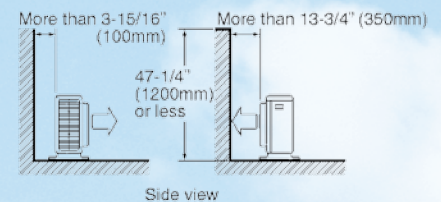
Ceiling suspended unit - FHQ

With its slim, elegant design, the FHQ ceiling suspended unit is a great fit for any light commercial space. Wide air openings provide a comfortable airflow and a silent stream fan ensures quiet operation, making it ideal for retail stores, restaurants, classrooms and conference rooms.

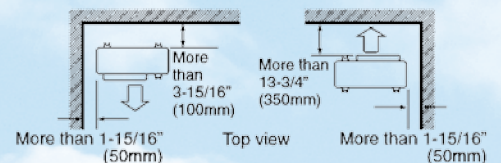
Outdoor Unit Installation Space

**RZQ18PVJU / RZQ24PVJU / RZQ30PVJU
RXS30HVJU / RXS36HVJU**

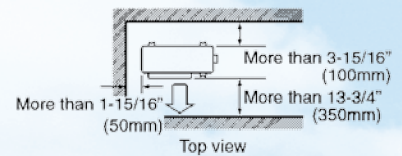
Wall facing one side



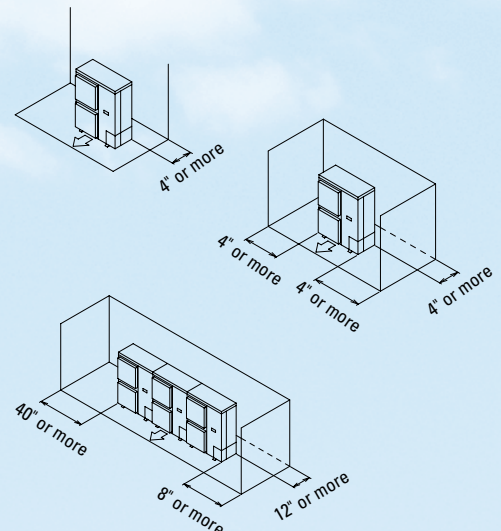
Walls facing two sides



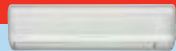
Walls facing three sides



RZQ36MVJU / RZQ42MVJU



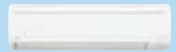
FAQ/FTXS Wall Mounted Indoor Units



FAQ18PVJU
FAQ24PVJU



BRC1D71
7-Day Programmable
Wired Remote Controller
(standard with FAQ)



FTXS30HVJU
FTXS36HVJU



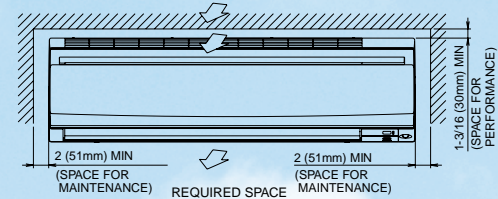
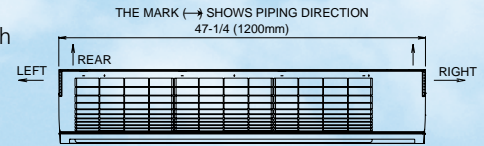
ARC452A6
Wireless Remote Controller
(standard with FTXS)

The wall mounted units provide a heating and cooling solution that blends in discreetly with any commercial space or home design and run quietly, too. The system can be installed in a single day of work; the installation is facilitated by an integrated mounting plate and only a 3" opening through the wall is necessary to run the copper piping and wiring. Automated louvers distribute an equal flow of air throughout the space efficiently to deliver absolute comfort to workers and customers.

- Power airflow dual flaps and auto swing louvers
- Standard wireless controller (FTXS, optional with FAQ)
- Optional condensate pump

FTXS Features

- Quick warming function
- Wide angle louvers
- Titanium Apitite Photocatalytic Air-Purifying Filter
- 3-D airflow and comfort airflow modes
- Powerful mode can be selected for rapid cooling and/or heating
- Intelligent Eye - occupancy sensor



FCQ 4-Way Ceiling Mounted Cassette Units



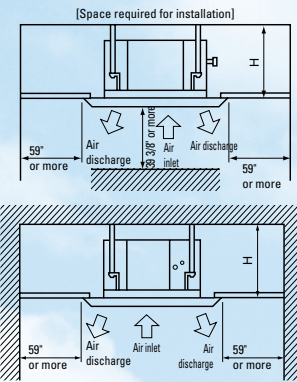
FCQ



BRC1D71
7-Day
Programmable
Wired Remote
Controller
(standard)

An attractive solution for customized comfort, the FCQ fits virtually flush into false ceilings, leaving maximum floor and wall space for furniture, decoration and fittings. Quiet and energy efficient, it features adjustable airflow distribution for ceiling heights up to 13.8 ft. without loss of capacity.

- Draft prevention and ceiling stain prevention technology
- Choice of eight airflow distribution patterns for individual comfort
- Integration of outside air possible using knock out provided
- Flexible installation
- Optional flap shutoff allows easy installation in corners
- Standard built-in condensation pump (lift up to 21 in.)
- Optional wireless controller



FHQ Ceiling Suspended Units



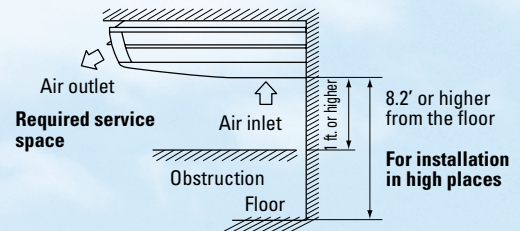
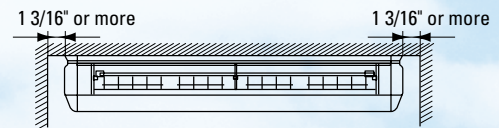
FHQ



BRC1D71
7-Day
Programmable
Wired Remote
Controller
(standard)

Ideal for rooms without false ceilings, the unit installs directly against the ceiling. Designed for maximum efficiency all around, the FHQ delivers consistent heating and cooling comfort in rooms up to 12.5 ft. ceiling heights without loss of capacity.

- Auto-swing capability with 100° airflow pattern
- Quietly distributes airflow in all directions
- Lateral servicing space allows installation in corners, narrow spaces, walls and ceilings
- Concealed piping enhances decor
- Optional wireless controller
- Optional condensate pump



RZQ/RXS Outdoor Units



Inside SkyAir's space-saving design is a powerhouse with the capacity to meet most light commercial applications. Daikin's inverter technology combines precise temperature control and superior energy efficiency with quiet operation.

- Available from 18,000 Btu/h to 42,000 Btu/h
- Low temperature cooling operation possible (0°F)
- Up to 230 ft. piping length allows flexible placement of indoor unit
- Maximum height separation of up to 164 ft.
- Self-diagnostic capabilities provide added reliability
- Pair with either FAQ, FTXS, FCQ or FHQ indoor ceiling units (see chart on next page)
- Possible to mount on wall brackets



Indoor Units - FAQ_PVJU and FTXS_HVJU Wall Mounted Units (208 - 230V / 1Ph / 60Hz)

| | | | | | | | |
|--|--|-------------------------|-------------------|----------------------------------|--------------------------|----------------------------|---------|
| FAQ18PVJU FAQ24PVJU FTXS30HVJU FTXS36HVJU | Model | | FAQ18PVJU | FAQ24PVJU | FTXS30HVJU | FTXS36HVJU | |
| | Cooling Capacity (min. - nom. - max.) | Btu/h | *-18,000 - 18,000 | *-24,000 - 24,000 | 10,200 - 30,000 - 30,000 | 10,200 - 36,000 - 36,000** | |
| | Heating Capacity (min. - nom. - max.) | Btu/h | *-20,000 - 20,000 | *-26,000 - 26,000 | 10,200 - 34,800 - 34,800 | 10,200 - 38,000 - 38,000** | |
| | Moisture Removal | Pt/h | * | * | * | * | |
| | Airflow-Dry (H/M/L/SL) | cfm | 500*/400* | 635*/470/* | 706/611/519/473 | 770/635/519/473 | |
| | Sound Pressure Level - Cooling (H/M/L) | dB(A) | 43*/1* | 47*/1* | 47/45/40 | 49/45/40 | |
| | Sound Pressure Level - Heating (H/M/L) | dB(A) | 43*/1* | 47*/1* | 47/44/38 | 49/44/38 | |
| | Piping connections | Liquid (O.D.) | in. | φ 3/8 | φ 3/8 | φ 3/8 | φ 3/8 |
| | | Gas (O.D.) | in. | φ 5/8 | φ 5/8 | φ 5/8 | φ 5/8 |
| | | Condensate (O.D.) | in. | φ 11/16 | φ 11/16 | φ 11/16 | φ 11/16 |
| Unit Dimensions (H x W x D) | in. | ← 11 3/8 x 41 3/8 x 9 → | | ← 13 13/32 x 47 3/16 x 9 13/32 → | | | |
| Weight | lbs. | 31 | 31 | 40 | 40 | | |

Indoor Units - FCQ_PVJU and FCQ_MVJU Ceiling Mounted 4-Way Cassette Units (208 - 230V / 1Ph / 60Hz)

| | | | | | | | | |
|--------------------------|--------------------------------------|------------------------------|-----------|-----------|-----------|-----------|-----------|---------|
| FCQ | Model | | FCQ18PVJU | FCQ24PVJU | FCQ30PVJU | FCQ36MVJU | FCQ42MVJU | |
| | Cooling Capacity (nom.) | Btu/h | 18,000 | 24,000 | 30,000 | 36,000 | 40,500 | |
| | Heating Capacity (nom.) | Btu/h | 20,000 | 27,000 | 34,000 | 39,500 | 41,500 | |
| | Moisture Removal | Pt/h | * | * | * | * | * | |
| | Airflow-Dry (H/L) | cfm | 790/670 | 790/670 | 900/790 | 950/790 | 1,030/870 | |
| | Sound Pressure Level - Cooling (H/L) | dB(A) | 42/* | 42/* | 42/* | 44/* | 46/* | |
| | Sound Pressure Level - Heating (H/L) | dB(A) | 42/* | 42/* | 42/* | 44/* | 46/* | |
| | Piping connections | Liquid (O.D.) | in. | φ 3/8 | φ 3/8 | φ 3/8 | φ 3/8 | φ 3/8 |
| | | Gas (O.D.) | in. | φ 5/8 | φ 5/8 | φ 5/8 | φ 5/8 | φ 5/8 |
| | | Condensate (O.D.) | in. | φ 1 1/4 | φ 1 1/4 | φ 1 1/4 | φ 11/16 | φ 11/16 |
| Dimensions (H x W x D) | in. | ← 11-3/8 x 33-3/8 x 33-3/8 → | | | | | 85 | 85 |
| Weight (including panel) | lbs. | 84 | 84 | 84 | 85 | 85 | | |

Indoor Units - FHQ_PVJU and FHQ_MVJU Ceiling Suspended Units (208 - 230V / 1Ph / 60Hz)

| | | | | | | | | |
|------------------------|--------------------------------------|-------------------------------|-----------|-----------|-----------|-----------|-----------|---------|
| FHQ | Model | | FHQ18PVJU | FHQ24PVJU | FHQ30PVJU | FHQ36MVJU | FHQ42MVJU | |
| | Cooling Capacity (nom.) | Btu/h | 18,000 | 24,000 | 30,000 | 36,000 | 40,500 | |
| | Heating Capacity (nom.) | Btu/h | 20,000 | 27,000 | 34,000 | 37,500 | 39,500 | |
| | Moisture Removal | Pt/h | * | * | * | * | * | |
| | Airflow-Dry (H/L) | cfm | 790/670 | 790/670 | 790/670 | 830/670 | 850/700 | |
| | Sound Pressure Level - Cooling (H/L) | dB(A) | 45/* | 45/* | 45/* | 46/* | 47/* | |
| | Sound Pressure Level - Heating (H/L) | dB(A) | 45/* | 45/* | 45/* | 46/* | 47/* | |
| | Piping connections | Liquid (O.D.) | in. | φ 3/8 | φ 3/8 | φ 3/8 | φ 3/8 | φ 3/8 |
| | | Gas (O.D.) | in. | φ 5/8 | φ 5/8 | φ 5/8 | φ 5/8 | φ 5/8 |
| | | Condensate (O.D.) | in. | φ 1 | φ 1 | φ 1 | φ 11/16 | φ 11/16 |
| Dimensions (H x W x D) | in. | ← 7-11/16 x 62-5/8 x 26-3/4 → | | | | | 90 | 90 |
| Weight | lbs. | 90 | 90 | 90 | 90 | 90 | | |

Outdoor Units - RZQ_PVJU and RZQ_MVJU Heat Pump (Refer to table below for connection models) (208 - 230V / 1Ph / 60Hz)

| | | | | | | | |
|---|--|-------|---|-------------------------------------|------------------------|--|------------------------|
| RZQ18PVJU RZQ24PVJU RZQ30PVJU RZQ36MVJU RZQ42MVJU | Model | | RZQ18PVJU | RZQ24PVJU | RZQ30PVJU | RZQ36MVJU | RZQ42MVJU |
| | Connects with | | FAQ18PVJU FCQ18PVJU FHQ18PVJU | FAQ24PVJU FCQ24PVJU FHQ24PVJU | FCQ30PVJU FHQ30PVJU | FCQ36MVJU FHQ36MVJU | FCQ42MVJU FHQ42MVJU |
| | Rated Capacity | Btu/h | 18,000 | 24,000 | 30,000 | 36,000 | 42,000 |
| | Compressor Type | | ← Hermetically sealed swing type compressor → | | | Hermetically sealed scroll type compressor | |
| | Energy Efficiency | SEER | 13 | 13 | 13 | 13 | 13 |
| | Energy Efficiency | HSPF | 7.7 | 7.7 | 7.7 | 7.7 | 7.7 |
| | Power Consumption - Cooling | W | * | * | * | * | * |
| | Power Consumption - Heating | W | * | * | * | * | * |
| | Sound Pressure Level - Cooling/Heating | dB(A) | 48/49 | 49/51 | 51/51 | 58/58 | 58/58 |
| | Operating Range - Cooling (outdoor-db) | °F | 23-115 | 23-115 | 23-115 | 14-115 | 14-115 |
| | Operating Range - Cooling (outdoor-db) (with optional wind baffle) | °F | 0-115 | 0-115 | 0-115 | 0-115 | 0-115 |
| | Operating Range - Heating (outdoor-db) | °F | 0 - 77 | 0 - 77 | 0 - 77 | 0 - 77 | 0 - 77 |
| | Operation Current - Cooling and Heating | A | 7.37 | 10.57 | 16.27 | 22.5 | 23.3 |
| | Max. Piping Length | ft. | 150 | 150 | 150 | 230 | 230 |
| | Max. Height Difference | ft. | 98 | 98 | 98 | 164 | 164 |
| | Dimensions (H x W x D) | in. | ← 30-5/16 x 35-7/16 x 12-5/8 → | | | ← 52-15/16 x 35-7/16 x 12-5/8 → | |
| | Weight | lbs. | 150 | 150 | 150 | 310 | 310 |





Outdoor Units - RXS_HVJU Heat Pump For use with FTXS_HVJU Models (208 - 230V / 1Ph / 60Hz)

| | | | | |
|------------------------|--|------------------------|--------------------------------------|------------|
| RXS | Model | | RXS30HVJU | RXS36HVJU |
| | Connects with | | FTXS30HVJU | FTXS36HVJU |
| | Rated Capacity | Btu/h | 30,000 | 36,000 |
| | Compressor Type | | Hermetically sealed swing compressor | |
| | Energy Efficiency | SEER | 17 | 16.2 |
| | Energy Efficiency | HSPF | 8.3 | 8.3 |
| | Power Consumption - Cooling (combined with FTXS_HVJU) | W | 2,800** | 4,300** |
| | Power Consumption - Heating (combined with FTXS_HVJU) | W | 3,900** | 4,200** |
| | Sound Pressure Level - Cooling/Heating | dB(A) | 54/55 | 54/55 |
| | Operating Range - Cooling (outdoor-db) | °F | 14 - 115 | 14 - 115 |
| | Operating Range - Cooling (outdoor-db) (with optional wind baffle) | °F | 0 - 115 | 0 - 115 |
| | Operating Range - Heating (outdoor-db) | °F | 5 - 75 | 5 - 75 |
| | Operating Range - Heating (outdoor-db) (with optional wind baffle) | °F | 0 - 75 | 0 - 75 |
| | Operation Current - Cooling | A | 12.2** | 18.8** |
| | Operation Current - Heating | A | 17.1** | 18.4** |
| | Max. Piping Length | ft. | 100 | 100 |
| | Max. Height Difference | ft. | 66 | 66 |
| Dimensions (H x W x D) | in. | ← 39 x 37 x 12-19/32 → | | |
| Weight | lbs. | 176 | 176 | |



* Information not available at time of press ** These values are based on 230V

SkyAir Controllers and Accessories

| Individual Zone Controllers | | | | | |
|-----------------------------|---|---|---|---|----|
| | 7-Day Programmable Wired Remote Controller BRC1D71 (use with RZQ) | Wireless Remote Controller BRC7C812 BRC7E83 | Wired Remote Controller BRC944B2 | Wireless Remote Controller ARC452A6 (use with FTXS) | |
| |  |  |  |  | |
| | ← 1 Group/16 Units → | | 1 Unit | 1 Unit | |
| Operation | Start/Stop | ✓ | ✓ | ✓ | |
| | Operation Mode | ✓ | ✓ | ✓ | |
| | Temperature Setting | ✓ | ✓ | ✓ | |
| | Set-Point Range | 60°-90°F | 60°-90°F | 64°-90°F | |
| | Permit/Prohibit Selection | ✓ | | | |
| | Fan Speed | ✓ | ✓ | ✓ | |
| Monitoring | Airflow Direction | ✓ | ✓ | ✓ | |
| | Status | ✓ | ✓ | ✓ | |
| | Malfunction Flashing | ✓ | ✓ | ✓ | |
| | Malfunction Content | ✓ | ✓ | ✓ | |
| | Filter Sign | ✓ | | | |
| | Operation Mode | ✓ | ✓ | ✓ | |
| | Temperature Setting | ✓ | ✓ | ✓ | |
| | Permit/Prohibit Selection | ✓ | | | |
| | Fan Speed | ✓ | ✓ | ✓ | |
| | Airflow Direction | ✓ | ✓ | ✓ | |
| | Scheduling | Weekly | 7 | | 7 |
| | | Timed Starts/Stops Per Day | 5 | | 4 |
| | | No. of Weekly Schedules | | | 28 |
| | | Auto ON/OFF Timer | ✓ | ✓ | ✓ |
| Control Management | Error History | | | | |
| | Field Setting Mode | ✓ | ✓ | | |
| | Group Setting | ✓ | | | |
| | 7-Day Time Clock | ✓ | | ✓ | |
| | 5-Temperature Setpoints Per Day | ✓ | | | |
| | Minimum Night Setting | ✓ | | | |
| | Maximum Day Setting | ✓ | | | |
| | Night Set-Back Function | ✓ | | | |
| | Home Leave Function | ✓ | | | |
| | Auto Restart | ✓ | | ✓ | |

| SPECIFICATIONS OF CABLE (FOR BRC1D71 ONLY) | |
|--|--|
| TYPE | 2-conductor, stranded, non-shielded copper cable / PVC or vinyl jacket |
| SIZE | AWG18-2 |
| TOTAL LENGTH | 1,640 ft. |



**7-Day Programmable
Wired Remote Controller -
BRC1D71**

| Optional Controllers | |
|--|-------------|
| Description | Part Number |
| Central Remote Controller (Fahrenheit) (An Interface Adaptor KRP928B25 is also required for each indoor unit) | DCS302C71 |
| Central Remote Controller (Celsius) | DCS302CA61 |
| Unified ON/OFF Controller (An Interface Adaptor KRP928B25 is also required for each indoor unit) | DCS301C71 |
| Schedule Timer Controller (An Interface Adaptor KRP928B25 is also required for each indoor unit) | DST301BA61 |



**Optional
Condensate Pump -
DACA-CP1-1**



**Optional
Condensate Pump -
DACA-CP2-1**

FTXS30/36HVJU Indoor Unit Accessories

| Description | Part Number |
|---|--------------|
| Wired Remote Controller (26ft. cord included) | BRC944B2_A08 |
| Centralized Control Board-Up to 5 Rooms (Wiring adaptor KRP413A15 is also required for each indoor unit) | KRC72 |
| Wiring Adaptor for Timer Clock/ Remote Controller (Normal Open Pulse Contact / Normal Open Contact) (Timer Clock and other devices; obtained locally) | KRP413A15 |
| Interface Adapter to connect an optional controller | KRP928B25 |
| Titanium Apatite Photocatalytic Air-purifying Filter (without frame) (Standard accessory) | KAF970A48 |
| The Remote Controller Loss Prevention with the Chain | KKF910A4 |
| Optional Condensate Pump | DACA-CP2-1 |

RXS Outdoor Unit Accessories

| Description | Part Number |
|------------------------------------|-------------|
| Drain Plug (Standard Accessory) | KKP945A4 |
| Air Direction Adjustment Grille | KPW5E112 |

FAQ18/24PVJU Indoor Unit Accessories

| Description | Part Number |
|--------------------------|-------------|
| Remote Sensor | KRCS01-1 |
| Optional Condensate Pump | DACA-CP1-1 |

FCQ Indoor Unit Accessories

| Description | Part Number |
|--|-------------|
| 65% Calorimeter Filter (FCQ24, FCQ30, FCQ36, FCQ42) | KAFJ552K160 |
| 90% Calorimeter Filter (FCQ24, FCQ30, FCQ36, FCQ42) - MERV 12 | KAFJ553K160 |
| Filter Chamber for above | KDDFP55D160 |
| Ultra-Long Life Filter | KAFP55D160 |
| Long Life Replacement Filter (non-woven type) | KAFJ55K160H |
| Fresh Air Intake Kit without T pipe | KDDP55D160 |
| Panel Spacer with T pipe | KDBJ55K160W |
| Fresh Air Intake Kit | KDDP55D160K |
| Remote Sensor | KRCS01-1 |
| Decoration Panel | BYC125K-W1 |

FHQ Indoor Unit Accessories

| Description | Part Number |
|---|-------------|
| Replacement Long-Life Filter (Resin Net) | KAFJ501D160 |
| L-Type Piping Kit (for Upward Direction) | KHFP5M160 |
| Remote Sensor | KRCS01-1 |
| Optional Condensate Pump (FHQ18PVJU, FHQ24PVJU) | DACA-CP1-1 |
| Optional Condensate Pump (FHQ30PVJU, FHQ36MVJU, FHQ42MVJU) | DACA-CP2-1 |

RZQ Outdoor Unit Accessories

| Description | Part Number |
|---|-------------|
| Central Drain Plug | KKPJ5F180 |
| Fixture for Preventing Overturning | KPT-60B160 |
| Wire Fixture for Preventing Overturning | K-KYZP15C |
| Low ambient wind baffle | KPW5E80 |

Electrical

| Description | Part Number |
|---|-------------|
| Wiring Adaptor PCB (FCQ) (interface with aux/primary heater, humidifier, OA damper/fan, etc.) | KRP1B72 |
| Wiring Adaptor PCB (FHQ) (interface with aux/primary heater, OA damper/fan, etc.) | KRP1B73 |
| Group Control Adaptor PCB (FHQ) (connects to external BMS) | KRP4A72 |
| Group Control Adaptor PCB (FCQ) (connects to external BMS) | KRP4A73 |
| Adaptor PCB Installation Box (FCQ w/ KRP1B72/ KRP4A73) (up to two adaptors can be installed in KRP1B98 and only one KRP1B98 is installed in the FCQ) | KRP1B98 |
| Adaptor PCB Installation Plate (FHQ w/ KRP4A72) (up to two adaptors can be installed in KRP1B98 and only one KRP1B98 is installed in the FCQ) | KRP1C93 |