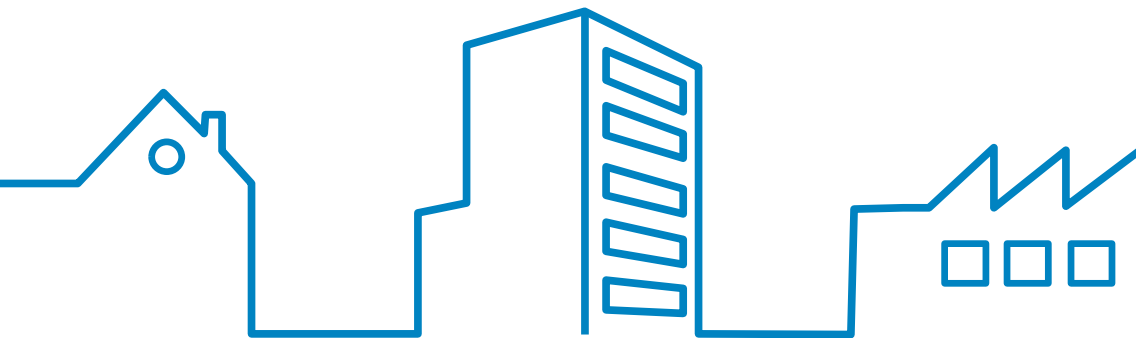
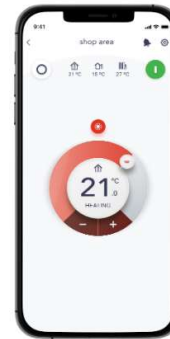




Principal

CLIMATE TECHNOLOGIES

Residential Controls



Introduction

- Controls can make or break an end user's perception of the connected air conditioning equipment
- It is the point of interface between the end user and the air conditioning system
- The user does not see all the technology within the air conditioning system
- They do not care how many features and benefits the air conditioning system has
- They care about simple control and that it will react to their instructions



Remote Controllers

The Daikin range of remote controllers can typically be sub-divided down by the type of system served and then by the type of transmission to the fan coil unit.

The 2 types of systems served are:

- VRV & SkyAir (with a few specific split type units).
- Split systems.

The type of transmission are:

- Hard Wired.
- Infrared.



VRV / SkyAir controllers



Split System controllers

Remote Controllers – Split Infrared

The ARC4 series of remote controllers are an infrared controller, supplied as standard, for the Split type fan coil unit.

Functions:-

- On/off
- Temperature setting
- Air flow adjustment
- Operating mode
- Fan speed
- Fault diagnosis
- Time display
- One off timer function
- Daily timer function.

Additionally, for the Ururu Sarara range there are the following features:-

- Mould function timer*
- Room temperature display*
- Ambient temperature display*
- Humidity display*



Appearance depends on model

Overview of Indoor unit vs Infrared Remote Controller

								
	URURU SARARA	EMURA	STYLISH	PERFERA WALL	COMFORA	PERFEA FLOOR	CONCEALED	SLIM DUCT
TYPE	WALL	WALL	WALL	WALL	WALL	FLOOR	FLOOR	FLOOR
PART NUMBER	ARC477A1	ARC488A1W/S/B	ARC466A58	ARC466A67	ARC480A53	ARC466A66	BRC4C65	BRC4C65
INFRARED REMOTE CONTROLLER								

Remote Controllers – Hard Wired

The BRC073 remote controller is an optional hard wired remote controller for the Split type fan coil unit.

It is supplied with an interface PCB to which 3m or 8m cable.

Functions:-




- On/off
- Temperature setting
- Air flow adjustment
- Operating mode
- Fan speed
- Time display
- Energy saving options*
- Schedule*
- Setback*
- Maintenance information
- Configuration
- Current Settings
- Clock & Calendar
- Language
- Test Operation
- Error History
- Indoor Unit Status
- Outdoor Unit Status
- Forced Fan ON
- Filter Indicator
- Model Name
- Operation Hours
- Error Display

*Designed
to save energy
whilst maintaining the
comfort level of the space



Overview of indoor unit vs wired controller



	URURU SARARA	EMURA	STYLISH	PERFERA WALL	COMFORA	PERFEA FLOOR	CONCEALED	SLIM DUCT
TYPE	WALL	WALL	WALL	WALL	WALL	FLOOR	FLOOR	FLOOR
PART CODE	BRC073	BRC073	BRC073	BRC073	BRC073	BRC073	BRC1H52W	BRC1H52W
WIRED CONTROLLER								
EXTENSION CORD	3m or 8m	3m or 8m	3m or 8m	3m or 8m	3m or 8m	3m or 8m	Not applicable	Not applicable
ADAPTOR CABLE S21	No	Yes	Yes	Yes	No	Yes	No	No

Note: For the BRC073 wired controller, the 3m or 8m extension cord (and the EKRS21 adaptor cable)* is required to connect to the S21 connector block in the indoor unit.

Because the Madoka uses field supplied wiring and connects to the P1/P2, the adaptor S21 adaptor cable is not required.

*accessories requiring the EKRS21 cable are marked up in the price book. See also options in technical data book

ONEcta App

App Features

Add a unit to the Residential Control system:

Standard Inverter and Standard Inverter Floor Standing with integrated 4th Gen. WLAN adapter.

Control the user settings of the connected units:

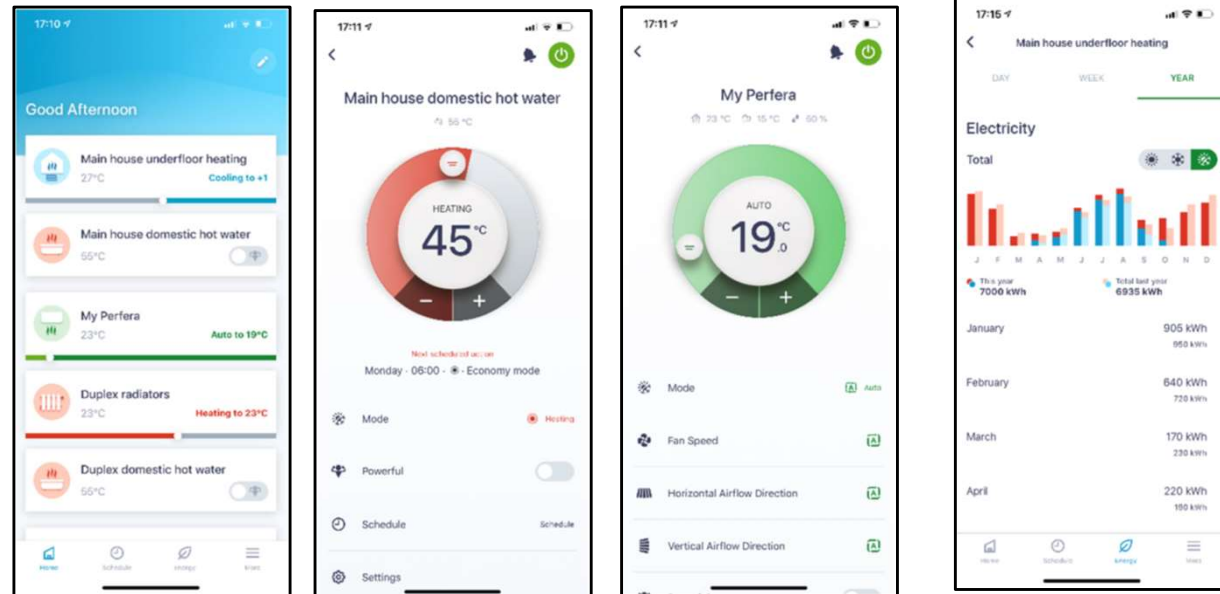
- ✓ On/Off.
- ✓ Defined Schedules & Enable/disable schedules.
- ✓ Enable/disable holiday mode.

Dedicated Air Conditioning user settings:

- ✓ Operation mode (Heating, Cooling, Fan, Dry, Auto)
- ✓ Room temperature setpoint (RT)
- ✓ Fan speed
- ✓ Airflow direction, control flexibility can differ depending on the unit.
- ✓ Econo on/off
- ✓ Streamer on/off




Check the status of heating/cooling parameters

- ✓ All the control user settings above.
- ✓ Error status.
- ✓ Room temperature.
- ✓ Outdoor temperature.
- ✓ Energy consumption for a day, week or year (if supported by the unit).



Daikin Wifi Adaptor



	URURU SARARA	EMURA	STYLISH	PERFERA WALL	COMFORA	PERFERA FLOOR	CONCEALED	CONCEALED
TYPE	WALL	WALL	WALL	WALL	WALL	FLOOR	FLOOR	FLOOR
ADAPTOR	BRP069B42	Standard	Standard	Standard	BRP069B45	Standard	BRP069C81	BRP069C81
CONTENT	Adaptor, wall bracket, long cable (1.6m)	Micro W-LAN PCB	Micro W-LAN PCB	Micro W-LAN PCB	Adaptor, wall bracket, S21 cable (0.6m)	Adaptor, wall bracket, short cable (0.6m)	Adaptor, wall bracket, cable (0.6m)	Adaptor, wall bracket, cable (0.6m)
REMARK	Long cable				Short cable	Short cable	Short Cable	Short Cable



ONEcta App



Wifi Adaptor

For further information call 01462 435686 or email info@principalclimate.co.uk
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