

# FLOW TEMP. CONTROLLER 2BR (Cased) PAC-IF033B-E

OPERATION MANUAL

FOR USER

English

BEDIENUNGSHANDBUCH

FÜR BENUTZER

Deutsch

MANUEL D'UTILISATION

POUR L'UTILISATEUR

Français

BEDIENINGSHANDLEIDING

VOOR DE GEBRUIKER

Nederlands

MANUAL DE INSTRUCCIONES

PARA EL USUARIO

Español

ISTRUZIONI DI FUNZIONAMENTO

PER L'UTENTE

Italiano

ΕΓΧΕΙΡΙΔΙΟ ΟΔΗΓΙΩΝ ΧΡΗΣΕΩΣ

ΓΙΑ ΤΟΝ ΧΡΗΣΤΗ

Ελληνικά

MANUAL DE OPERAÇÃO

PARA O UTILIZADOR

Português

DRIFTSMANUAL

TIL BRUGER

Dansk

DRIFTSMANUAL

FÖR ANVÄNDAREN

Svenska



# Manual Download



<http://www.mitsubishielectric.com/ldg/ibim/>

- en Go to the above website to download manuals, select model name, then choose language.
- de Besuchen Sie die oben stehende Website, um Anleitungen herunterzuladen, wählen Sie den Modellnamen und dann die Sprache aus.
- fr Rendez-vous sur le site Web ci-dessus pour télécharger les manuels, sélectionnez le nom de modèle puis choisissez la langue.
- nl Ga naar de bovenstaande website om handleidingen te downloaden, de modelnaam te selecteren en vervolgens de taal te kiezen.
- es Visite el sitio web anterior para descargar manuales, seleccione el nombre del modelo y luego elija el idioma.
- it Andare sul sito web indicato sopra per scaricare i manuali, selezionare il nome del modello e scegliere la lingua.
- el Μεταβείτε στον παραπάνω ιστότοπο για να κατεβάσετε εγχειρίδια. Επιλέξτε το όνομα του μοντέλου και, στη συνέχεια, τη γλώσσα.
- pt Aceda ao site Web acima indicado para descarregar manuais, seleccione o nome do modelo e, em seguida, escolha o idioma.
- da Gå til ovenstående websted for at downloade manualer og vælg modelnavn, og vælg derefter sprog.
- sv Gå till ovanstående webbplats för att ladda ner anvisningar, välj modellnamn och välj sedan språk.
- tr Kılavuzları indirmek için yukarıdaki web sitesine gidin, model adını ve ardından dili seçin.
- ru Чтобы загрузить руководства, перейдите на указанный выше веб-сайт; выберите название модели, а затем язык.
- uk Щоб завантажити керівництва, перейдіть на зазначений вище веб-сайт; виберіть назву моделі, а потім мову.
- bg Посетете горепосочения уебсайт, за да изтеглите ръководства, като изберете име на модел и след това – език.
- pl Odwiedź powyższą stronę internetową, aby pobrać instrukcje, wybierz nazwę modelu, a następnie język.
- no Gå til nettstedet over for å laste ned håndbøker og velg modellnavn, og velg deretter språk.
- fi Mene yllä mainitulle verkkosivulle ladataksesi oppaat, valitse mallin nimi ja valitse sitten kieli.
- cs Příručky naleznete ke stažení na internetové stránce zmíněné výše poté, co zvolíte model a jazyk.
- sk Na webovej stránke vyššie si môžete stiahnuť návody. Vyberte názov modelu a zvolte požadovaný jazyk.
- hu A kézikönyvek letöltéséhez látogasson el a fenti weboldalra, válassza ki a modell nevét, majd válasszon nyelvet.
- sl Obiščite zgornjo spletno stran za prenos priročnikov; izberite ime modela, nato izberite jezik.
- ro Accesați site-ul web de mai sus pentru a descărca manualele, selectați denumirea modelului, apoi alegeți limba.
- et Kasutusjuhendite allalaadimiseks minge ülaltoodud veebilehele, valige mudeli nimi ja seejärel keel.
- lv Dodieties uz iepriekš norādīto tīmekļa vietni, lai lejupielādētu rokasgrāmatas; tad izvēlieties modeļa nosaukumu un valodu.
- It Norédami atsisiųsti vadovus, apsilankykite pirmiau nurodytoje žiniatinklio svetainėje, pasirinkite modelio pavadinimą, tada – kalbą.
- hr Kako biste preuzeli priručnike, idite na gore navedeno web-mjesto, odaberite naziv modela, a potom odaberite jezik.
- sr Idite na gore navedenu veb stranicu da biste preuzeli uputstva, izaberite ime modela, a zatim izaberite jezik.

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## 1. Safety precautions

- ▶ Before installing the unit, make sure you read all the “Safety precautions.”
- ▶ The “Safety precautions” provide very important points regarding safety. Make sure you follow them.
- ▶ Please report to or take consent by the supply authority before connection to the system.

### Symbols used in the text


#### ⚠ Warning:

Describes precautions that should be observed to prevent danger of injury or death to the user.

#### ⚠ Caution:

Describes precautions that should be observed to prevent damage to the unit.

### Symbols used in the illustrations

 : Indicates a part which must be grounded.

#### ⚠ Warning:

- The unit must not be installed by the user. Ask the dealer or an authorized company to install the unit. If the unit is installed improperly, water leakage, electric shock or fire may result.
- Do not stand on, or place any items on the unit.
- Do not splash water over the unit and do not touch the unit with wet hands. An electric shock may result.
- Do not spray combustible gas close to the unit. Fire may result.
- Do not place a gas heater or any other open-flame appliance where it will be exposed to the air discharged from the unit. Incomplete combustion may result.
- Do not remove the front panel or the fan guard from the outdoor unit when it is running.
- When you notice exceptionally abnormal noise or vibration, stop operation, turn off the power switch, and contact your dealer.

- Never insert fingers, sticks etc. into the intakes or outlets.
- If you detect odd smells, stop using the unit, turn off the power switch and consult your dealer. Otherwise, a breakdown, electric shock or fire may result.
- If the supply cable is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- If the refrigeration gas blows out or leaks, stop the operation of the air conditioner, thoroughly ventilate the room, and contact your dealer.
- Do not install in location that is hot or humid for long periods of time.

#### ⚠ Caution:

- Do not use any sharp object to push the buttons, as this may damage the remote controller.
- Never block or cover the indoor or outdoor unit's intakes or outlets.

#### Disposing of the unit

When you need to dispose of the unit, consult your dealer.

### ■ Disposal of unit

Note (Marking for WEEE)



This symbol mark is for EU countries only.

This symbol mark is according to the directive 2012/19/EU Article 14 Information for users and Annex IX, and/or to the directive 2006/66/EC Article 20 Information for end users and Annex II.

Your MITSUBISHI ELECTRIC product is designed and manufactured with high quality materials and components which can be recycled and reused.

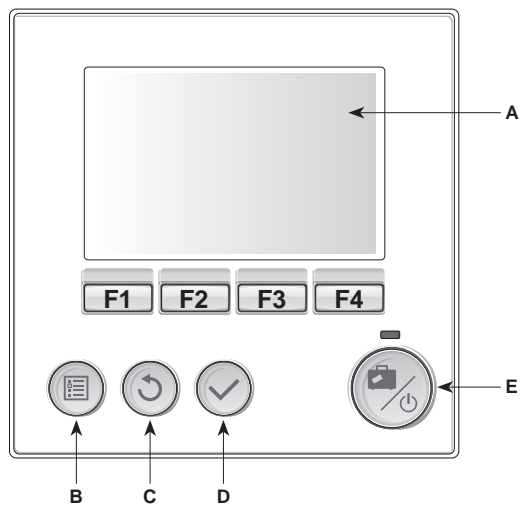
This symbol means that electrical and electronic equipment, at their end-of-life, should be disposed of separately from your household waste. Please, dispose of this equipment at your local community waste collection/recycling centre.

In the European Union there are separate collection systems for used electrical and electronic product.

Please, help us to conserve the environment we live in.

## 2. Customising settings for your home

### ■ Remote controller



#### <Remote controller parts>

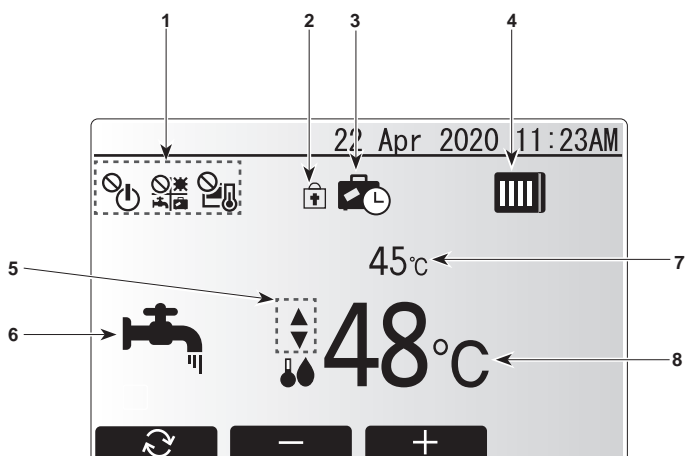
Letter	Name	Function
A	Screen	Screen in which all information is displayed
B	Menu	Access to system settings for initial set up and modifications.
C	Back	Return to previous menu.
D	Confirm	Used to select or save. (Enter key)
E	Power/Holiday	If system is switched off pressing once will turn system on. Pressing again when system is switched on will enable Holiday Mode. Holding the button down for 3 secs will turn the system off. (*1)
F1-4	Function keys	Used to scroll through menu and adjust settings. Function is determined by the menu screen visible on screen A.

\*1

When the system is switched off or the power supply is disconnected, the water circuit protection functions will NOT operate. Please beware that without these safety functions enabled the water circuit may potentially become exposed to damage.

#### <Main screen icons>

No.	Item	Icon	Description
1	Operation prohibition		ON/OFF
			Mode
			Set temperature
2	Operation lock		Displayed when the buttons are locked.
3	Holiday mode		Displayed when 'Holiday mode' activated.
4	Heat pump status		Displayed when 'Heat pump' is running.
			Displayed when defrosting.
5	Restriction for preset temperature range		Displayed when the preset temperature range is not restricted.
			Displayed when the preset temperature range is restricted.
6	Operation mode		DHW
			Heating
			Heating ECO
			Cooling
7	Current temperature		Current water temperature
8	Target temperature		Target flow temperature



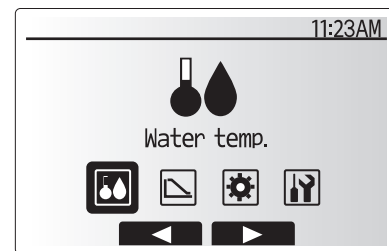
## 2. Customising settings for your home

### ■ Main menu

The following items can be viewed and/or edited (dependent on access level).

- Water temp. setting (Installer level)
- Compensation curve
- Initial settings
- Service (Password protected)

Use the F2 and F3 buttons to move between the icons. The highlighted icon will appear as a larger version in the centre of the screen. Press CONFIRM to select and edit the highlighted mode.



### ■ Initial settings

From the Initial settings menu the installer can set the following.

- Date/Time
- Language
- °C/°F
- Temp. display
- Contact number
- Time display
- Main/Sub

1. Use buttons F1 and F2 to move scroll through the menu list. When the title is highlighted press CONFIRM to edit.
2. Use function buttons appropriate to edit each setting then press CONFIRM to save the setting.

**Note: For Main/Sub setting, select “Main” (Initial setting). Do not change the setting to “Sub”, it is not available with FTC2BR.**

Icon	Description
	Water temp.
	Compensation curve
	Initial settings
	Service

en

### ■ Water temp. setting

Set the initial value of the set water temperature for following modes.

- DHW mode
- Heating mode
- Cooling mode
- Holiday mode

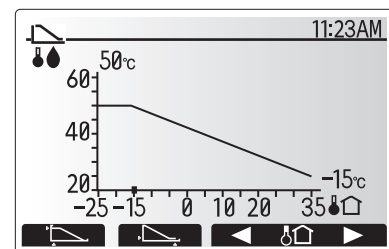
The set water temperature is changeable in main screen during operation.

### ■ Compensation curve

During late spring and summer usually the demand for space heating is reduced. To prevent the heat pump from producing excessive flow temperatures for the primary circuit the compensation curve mode can be used to maximise efficiency and reduce running costs. The compensation curve is used to restrict the flow temperature of the primary space heating circuit dependent on the outdoor ambient temperature. The FTC2BR uses information from both an outdoor ambient temperature sensor and a temperature sensor on the primary circuit supply to ensure the heat pump is not producing excessive flow temperatures if the weather conditions do not require it.

Preview:

You can check the target water temperature in compensation curve. Select outdoor ambient temp. with F3 and F4 buttons.

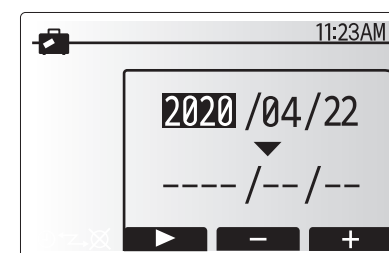


### ■ Holiday mode

From the main menu screen press button E, the holiday mode activation screen will be displayed. Be careful not to hold down button E for too long as this will turn off the controller and system.

Once the holiday mode activation screen is displayed you can select the duration that you would like holiday mode to run for.

- Use buttons F2, F3 and F4 to input the date which you would like holiday mode to activate or deactivate for space heating.



Holiday Mode activation screen

### ■ Service Menu

The service menu provides functions for use by installer or service engineer. It is NOT intended the home owner alters settings within this menu. It is for this reason password protection is required to prevent unauthorised access to the service settings.

### 3. Service and maintenance

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#### ■ Troubleshooting

The following table is to be used as a guide to possible problems. It is not exhaustive and all problems should be investigated by the installer or another competent person. Users should not attempt to repair the system themselves.

Fault symptom	Possible cause	Solution
Cold water at taps (system with DHW tank)	All hot water from DHW tank used	Ensure DHW mode is operating and wait for DHW tank to re-heat.
	Heat pump or electric heaters not working	Contact installer.
Heating system does not get up to set temperature.	Prohibit, schedule or holiday mode selected	Check settings and change as appropriate.
	Incorrectly sized heat emitters	Contact installer.
	The room thermostat is located in a different temperature to the rest of the house.	Reposition the room thermostat to a more suitable room.
An error code appears in the main remote controller display.	The indoor or outdoor unit is reporting an abnormal condition	Make a note of the error code number and contact installer.

#### <Power failure>

All setting will be saved for 1 week with no power, after 1 week Date/Time ONLY will be saved.

Please be sure to put the contact address/telephone number on  
this manual before handing it to the customer.

