

Mitsubishi Electric Building Air Conditioning Control System

MJ-310E

Operation Manual (Remote Operation)

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This manual refers to Microsoft[®] WindowsNT[®] Version 4.0 as WindowsNT or WindowsNT4.0, Windows[®] 2000 Professional as Windows 2000, Windows98 Second Edition as Windows 98SE, Windows Millennium Edition as WindowsME, and Windows[®] XP Professional as WindowsXP.

Microsoft® Excel 2000/XP is referred to as MS-EXCEL2000/XP, and Microsoft® Internet Explorer as IE.

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1. Safety Precautions

- Please read the Safety Precautions section very carefully before using the unit.
- The safety cautions provided here are very important for your safety. Please observe them at all times.
- The degree of danger involved with incorrect operation of the unit are indicated in this manual using the following symbols.

AWARNING	Incorrect operation could result in death or severe injury.
	Incorrect operation could result in injury or damage to property.

• After reading this information, please keep this manual together with the operation manual (Management) in a location where the operator can see it. Also, when changing operators give both of these manuals to the new operator.

Note:

- Please observe the safety precautions detailed in the installation manuals and operation manuals of the other machines such as computers, peripherals, and air conditioners.

∕∆WA	RNING
Read the installation manuals and operation manuals for the computer, peripherals and other machines. Improper operation could result in fire or damage to the computer or peripherals.	Read the installation manual and operation manual for the air conditioner controller. Improper operation could result in fire or damage to the air conditioner controller.
∕∆CA	UTION

Do not use the product for any other purpose. This product is for use with the Mitsubishi Electric Building Air Conditioning Control System. Do not use it with any other air conditioning control system or for any other application. Doing so may cause the unit to malfunction.

Warning to all users (User Agreement)

This document is a contract between the customer and Mitsubishi Electric Corporation. By using this application, you agree to the following conditions and are considered a user.

 Mitsubishi Electric and associated suppliers are not responsible for any collateral, secondary, or special damages, even if notified by the distributor of the possibility of a certain type of damage. Mitsubishi Electric is not responsible for any rights claimed by a third-party.

2. System Conditions

2.1 Requirements (recommended system)

The following PC specifications and software are recommended for use on the remote machine.

Component	Description	Remarks
CPU	MMX Pentium 200MHz or faster	
Memory	64MB or more	
Hard disk drive	1GB or more	
Screen resolution	1024 $ imes$ 768 or higher, 65536 colors or more	
Communications port	56K modem, TA or LAN	
Operating system	(1) Windows 95/98/98SE/ME	✤ The Standard version may be used with
	(2) Windows NT4.0	Windows2000, and the Home version with
	(3) Windows 2000	WindowsXP.
	(4) Windows XP	
Browser	IE Ver.5.0 or later	Java Virtual Machine installed

2.2 Restrictions

The following restrictions apply to remote monitoring and operation.

(1) Connection to MJ-310E

The system does not permit simultaneous multiple connection for remote access (monitoring and operation). If connection is not possible, wait and try again.

(2) Functions Limiting

Remote monitoring and operation are not possible for functions not supported by the connected MJ-310E, and screens and functions for which access privileges have not been granted.

Some trend output functions do not operate during certain time periods.

2.3 Cautions in Use

- (1) Do not reveal your ID or password for connection to the MJ-310E to a third party.
- (2) This system permits remote monitoring and operation of air conditioning units. Always ensure that connected PCs are managed and operated appropriately.
- (3) Remote monitoring and operation employs phone circuits, and thus incurs phone charges while the system is connected.
- (4) Always ensure that PCs and peripheral equipment are handled in accordance with the relevant installation and users manuals.
- (5) It is recommended that the agreement of the building owner and tenants be obtained for remote operation of the equipment.
- (6) Never operate the air conditioning units during a fire alarm.
- (7) Do not operate the air-conditioning unit during demand control.
- (8) The most recent virus scanning software and security patches should be used on the remote access PC.

3. Setting Up the Remote Monitoring Tool

3.1 Preparations for Setup

The following files are required for remote monitoring and operation.

Necessary files: MJ310Web.exe

Located in the Tool folder on the master CD.

3.2 Setup Method

Setup differs slightly according to the operating system used. The following describes setup for each operating system.

3.2.1 Windows 95/98/98SE/ME

Install the modem driver

Connect the modem and install the modem driver.

- 1) Switch the modem power supply ON.
- 2) Double-click on Modems on the control panel.
- 3) Install the modem driver in accordance with the Install New Modem Wizard.

Install the Dial-up Adapter

- 1) Double-click on Add/Remove Programs on the control panel.
- 2) Select Communications from the Windows Setup TAB, and click on [Details].
- 3) Check Dial-up Networking and click on [OK].
- 4) Following the instructions on the screen. Restart the computer when the restart message appears.

Install the remote monitoring tool

- 1) Create the folder "C:\mj310web".
- 2) Copy the file "MJ310Web.exe" to the folder created in 1).
- 3) Create a shortcut icon for "MJ310Web.exe" and place it on the desktop.

Note:

- If the modem driver and Dial-up Adapter have already been installed, they need not be installed again.
- The modem driver and Dial-up Adapter need not be installed if the system is to be used with a LAN (for connection within the building).
- The instructions displayed on the screen when installing the modem driver and Dial-up Adapter differ depending on the OS. For the details, refer to the manual for the OS.

3.2.2 Windows NT4.0

Install the modem driver

Connect the modem and install the modem driver.

- 1) Switch the modem power supply ON.
- 2) Double-click on Modems on the control panel.
- 3) Install the modem driver in accordance with the Install New Modem Wizard.

Install Remote Access Service

- 1) Double-click on Networking on the control panel.
- 2) Select the Service TAB and click on [Add].
- 3) Select "Remote Access Service" from the services list, and click on [OK].
- 4) The installed modems are listed in the "Remote Access Setup" window. Select the desired modem, and click on Configure.

mote Acce		-	
Port	Device	Туре	
COM2	Sportster 28800 Internal	Modem (unimodem)	Continue
			Cancel
			<u>N</u> etwork
			<u>H</u> elp
<u>A</u> dd	<u>R</u> emove <u>C</u> onfigure	Clone	

5) "Configure Port Usage" window is displayed. Select "Dial out only" option and click on [OK].



- 6) The system returns to the "Remote Access Setup" window. Click on [Network].
- 7) "The Network Configuration" window is displayed. Check "TCP/IP" only, and click on [OK].

Network Configuration	E
Dial out Protocols:	ОК
□ NetBEU	Cancel
	Help

8) Restart the computer when the restart message appears.

Install the remote monitoring tool

- 1) Create the folder "C: \ mj310web".
- 2) Copy the file "MJ310Web.exe" to the folder created in 1).
- 3) Create a shortcut icon for "MJ310Web.exe" and place it on the desktop.

Note:

- If the modem driver and Remote Access Service have already been installed, they need not be installed again.
- The modem driver and Remote Access Service need not be installed if the system is to be used with a LAN (for connection within the building).

3.2.3 Windows 2000/XP

Install the modem driver

Connect the modem and install the modem driver.

- 1) Switch the modem power supply ON.
- 2) Double-click on Modems on the control panel.
- 3) Install the modem driver in accordance with the Install New Modem Wizard.

Install the remote monitoring tool

- 1) Create the folder "C: \ mj310web".
- 2) Copy the file "MJ310Web.exe" to the folder created in 1).
- 3) Create a shortcut icon for "MJ310Web.exe" and place it on the desktop.

Note:

- If the modem driver has already been installed, it need not be installed again.
- The modem driver need not be installed if the system is to be used with a LAN (for connection within the building).
- The Remote Access Service is already installed with Windows 2000.

4. Initializing the Remote Monitoring Tool

4.1 Registering the Monitoring Site

Registering the sites to be remotely connected simplifies subsequent connection.

4.1.1 Starting the Remote Monitoring Tool

Start the remote monitoring tool

1) Double-click on the "MJ310Web.exe" icon

Click on the "MJ310Web.exe" icon on the desktop. The MJ310E on the Web screen appears.

4.1.2 Creating the Dial-up Connection

Note:

- This operation is run only once when first registering the monitored site.
- This operation is not required if Dial-up/LAN includes "MJ-310E" or if there is a LAN connection. In such cases skip to the next Registerling Monitored sites stage.

(1) Windows 95/98/98SE/ME

- 1) Click on [Add/Edit Entries] The Add/Edit Entries screen appears.
- Click on Dial-up/LAN ▼
 Select New Connection.
- Click on [Properties]
 Make New Connection appears.
- Enter a name for the computer Enter "MJ-310E".
- 5) Click on Select Modem ▼ Select your modem.
- 6) Click on [Next]

The phone number setup screen appears.

7) Enter the Area Code and Phone Number Enter "111" for the Area Code, and "1111" for the Phone Number.

Note:

- As a phone number is not used in remote monitoring and operation, any number may be entered.
- 8) Click on Country Code ▼

Select the relevant country.

£™کانس⇔ MJ310E on the Web	
	Connect
	Add / Edit Entries
Select an entry, and click the Connect button.	OK

Entry Name	Dial-up/LAN	Login Use	Login Pas	Phone Nu	Domain	User Name	Pass	Save and Ex
								Cancel
								Up Down
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Entry Name			_			1	×	
Entry Name Dial-up / LAN	10464 01	onnection)	• Properti]	Ľ	
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9) Click on [Next]

Make New Connection is terminated, and "MJ-310E" is added to Dialup/LAN.

- 10) Click on Dial-up/LAN ▼ Select "MJ-310E".
- 11) Click on [Properties] The MJ-310E network setup (server type) screen appears.
- 12) Click on [Server Type] "Server Types" appears.
- 13) Click on "Type of Dial-Up Server" ▼ Select "PPP: Windows 95, Windows NT3.5, Internet".
- 14) Check "Log on to network" Check the box.
- 15) Check TCP/IP Check the box.
- 16) Click on [TCP/IP Settings...] "TCP/IP Settings" setup screen appears.
- 17) Select "Server assinged IP address" Leave the other settings at the default values.
- 18) Click on [OK] "TCP/IP settings" is now complete.
- 19) Click on [OK] MJ-310E network setup is now complete.

Advanced options: Server Types	-310E		? ×
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(2) Windows NT

- 1) Click on [Add/Edit Entries] The Add/Edit Entries screen appears.
- 2) Click on Dial-up/LAN ▼

Select New Connection.

3) Click on [Properties] "Dial-up Networking" appears.



Location..

<u>C</u>lose

<u>D</u>ial.

Add/Edit ent

4) Click on [New]

The wizard or Properties screen appears. If the Properties screen appears, skip to 12).

5) Enter the entry name

Enter "MJ-310E".

- 6) Click on [Next]
 "Server" appears.
- Check I am calling the Internet Check the box.
- 8) Click on [Next]
 "Phone Number" appears.

9) Enter the Phone Number

Enter "1111" for the Phone Number.

Note:

- As a phone number is not used in remote monitoring and operation, any number may be entered.
- 10) Click on [Next]

Dial-up Networking is terminated, and "MJ-310E" is added to Dial-up/LAN.

11) Click on Dial-up/LAN ▼

Select "MJ-310E".

12) Click on [Properties]

"Edit Phonebook Entry (Basic)" appears.

When skipping directly to the Properties screen, enter "MJ-310E" for Entry Name, and "1111" for Phone number, and check that the desired modem has been selected.

If Entry Name and Phone Number cannot be entered, enter "MJ-310E" for Entry Name, and "1111" for Phone Number.

Dial-Up Networking connects you to remote networks using your modern, ISDN, or other WAN adapter. This wizard helps you create a phonebook entry that stores the settings needed to connect to a particular remote network.
Name the new phonebook <u>e</u> ntry: [MJ-310E]
I know all about phonebook entries and would rather edit the properties directly
< Back. Next > Cancel

Check all that apply:
 Send my plain text password if that's the only way to connect. I he non-Windows NT server I am calling expects me to type login information after connecting, or to know TCP/IP addresses before dialing.
 <u>≺B</u> ack <u>N</u> ext≻ Cancel

	Enter the phone number of the dial-up calling. Alternate phone numbers, if a automatically if the primary phone num reached. They may also be used to s numbers on individual multi-linked ISD	any, are dialed aber cannot be et different
T	Phone number: [1111]	<u>A</u> lternates
	Les Telephony dialing properties	
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Basic	Server Script Security X.25
ntry name:	MJ-310E
Co <u>m</u> ment:	
^o hone <u>n</u> umber:	1111 Alternates
	Use Telephony dialing properties
<u>)</u> ial using:	Sportster 28800 Internal (COM2)
<u>D</u> ial using:	Sportster 28800 Internal (COM2) Image: Configure Image: Uge another port if busy
<u>D</u> ial using:	
<u>D</u> ial using:	

- 13) Click on the Server TAB Edit Phonebook Entry (server) appears.
- Click on Dial-up Server Type ▼
 Select "PPP: Windows NT, Windows 95 Plus, Internet".
- 15) Check TCP/IP Check the box.
- 16) Click on [TCP/IP Settings...] "PPP TCP/IP Settings" appears.
- 17) Select "Server assigned IP address" Leave the other settings at the default values.
- 18) Click on [OK] "TCP/IP settings" is now complete.
- 19) Click on [OK]

MJ-310E network setup is now complete.

(3) Windows 2000

- 1) Click on [Add/Edit Entries] The Add/Edit Entries screen appears.
- 2) Click on Dial-up/LAN ▼

Select New Connection.

- Click on [Properties]
 "Network Connection Wizard" appears.
- Select the connection type Select Dial-up to private network.
- 5) Click on [Next]

"Phone Number to Dial" appears.

Basic	Server	Script	Security	X.25
Dial-up <u>s</u> erv				
PPP: Wind	ows NT, Windo	ws 95 Plus, Inte	ernet	•
-Network p	rotocols			
	/IP	T <u>C</u> P/I	P Settings	
	SPX compatible			
□ <u>N</u> etB	EUI			
	oftware compre			
Enable F	PPP <u>L</u> CP extens	ions		



Entry Name	Dial-up/LAN	Login Use	Login Pas	Phone Nu	Domain	User Name	Pase	Save and
								Cance
								Up Down
•[]	•	New Entr
Entry Name						1	×	
	I (New Co	onnection)	Properti	es]	×	
Entry Name	Turen or	onnection)	Properti	es User Nan	ne	1	•	New Entr
Entry Name Dial-up / LAN	ame	onnection)	▼ Properti				×	
Entry Name Dial-up / LAN Login User n	ame	onnection)	Properti	User Nan			X	

Network Connection Wizard Type of Connection Select the type of the connection.			×
 Dial-up to private network. Connect using my phone line (mode Connect to a private network Create a Virtual Private Network (VF Connect directly to another or Connect using my serial, parallel, or 	<u>through the Inte</u> PN) connection or t omputer.		internet.
	< <u>B</u> ack	<u>N</u> ext >	Cancel

6) Enter the Phone Number

Enter "1111" for the Phone Number.

Note:

- As a phone number is not used in remote monitoring and operation, any number may be entered.
- 7) Click on [Next]

9) Click on [Next]

Select "For all users".

"Connection Availability" appears.

Network Connection Wizard			
Phone Number to Dial You must specify the phone number connect to.	of the computer or net	work you want to	<u> </u>
Type the phone number of the compu- your computer to determine automatic dialing rules.			
Area code: Phone nu	umber:		
Country/region code:			
		Ψ.	
Use dialing rules			
	< <u>B</u> ack	<u>N</u> ext >	Cancel



letwork Connection Wizard			×
Connection Availability You may make the new connection avail	able to all users, or	just yourself.	9
You may make this connection available connection stored in your profile will not b			
Create this connection:			
© Only for myself			
	< <u>B</u> ack	<u>N</u> ext >	Cancel

- 10) Enter the Connection Name Enter "MJ-310E" in Connection Name.
- 11) Click on [Finish] Network Connection Wizard is terminated, and "MJ-310E" is added to Dial-up/LAN.

work Connection Wizard			
Finished The wizard is ready to create your connection			ŗ
Type a name you want for this connection:			
MJ-310E			
Click Finish to save it in the Network Connecti	ons folder.		
To edit this connection later, select it, click the and then click Properties.	e File menu,		
	< Back	Finish	Cancel

- 12) Click on Dial-up/LAN ▼ Select "MJ-310E".
- 13) Click on [Properties]

The MJ-310E Connection Setup screen (General) appears.

🦋 Modem - ME	LCO IGM-856KS M	UDEM (COM1)	Configure
Phone number			<u></u>
Áv <u>e</u> a code:	Phone number:		
] [1111		Alternates
Country/region	roode		
			<u>v</u>
🔲 U <u>s</u> e dialin	g rules	L	<u>H</u> ules

14) Click on the Options TAB

The MJ-310E Connection Setup screen (Options) appears.

15) Uncheck all dialing options

4J-310E						? ×
General	Options	Security	Network	king Sharin	ig	
	ig options Display pro Prompt for r nclude <u>W</u> ir Prompt for p	name and ndows loge	password on domair	, certificate,	etc.	
Redia	aling option	IS				
<u>R</u> edi	ial attempts	£		3		-
<u>T</u> ime	e between i	redial atter	npts:	1 minu	ite	-
Idle	ti <u>m</u> e before	hanging u	up:	never		•
F F	Redial if line	e is droppe	ed			
<u>×</u>	.25					
				OK		Cancel

16) Click on the Network TAB	
The MJ-310E Connection Setup scree	n (Networking) appears.

- Click on "Type of dial-up Server I am calling" ▼ Select "PPP: Windows 95/98/NT4/2000, Internet".
- 18) Check Internet Protocol (TCP/IP) Check the box.
- 19) Click on [OK]

MJ-310E connection setup is now complete.

eneral Options Sec	curity Networking S	haring
Type of dial-up server	Lam calling:	
PPP: Windows 95/98		
		<u>S</u> ettings
Components checked	are used by this conne	ection:
✓ Y Internet Protoc		
🗆 🚚 File and Printe	r Sharing for Microsoft	Networks
	r Sharing for Microsoft	Networks
🗆 🚚 File and Printe	r Sharing for Microsoft	Networks P <u>r</u> operties
☐ 📮 File and Printe ☑ 🖳 Client for Micro Install	r Sharing for Microsoft Issoft Networks	
■ File and Printe ✓ ■ Client for Micro	r Sharing for Microsoft ssoft Networks Uninstall	P <u>r</u> operties
■ File and Printe ✓ ■ Client for Micro Install	r Sharing for Microsoft isoft Networks	P <u>r</u> operties

(4) Windows XP

- 1) Click on [Add/Edit Entries] The Add/Edit Entries screen appears.
- Click on Dial-up/LAN ▼
 Select New Connection.
- Click on [Properties]
 "New Connection Wizard" appears.
- Select the connection type Select Dial-up to private network.
- 5) Click on [Next]

"Phone Number to Dial" appears.

Entry Name	Dial-up/LAN	Login Use	Login Pas	Phone Nu	Domain	User Name	Pass	Save and E
								Cancel
								Up Down
]	×	New Entry Delete
Entry Name	(New Co	onnection)	Properti	es			×	
Entry Name Dial-up / LAN	The other	onnection)	Properti	es User Nam	ie []	×	
Entry Name Dial-up / LAN Login User n Login Passw	ame	onnection)	Properti				×	
Entry Name Dial-up / LAN Login User n	ame	onnection)	Properti	User Nam			×	

lew Connection Wizard	X
Type of Connection Select the type of the connection.	5
Dial-up to private network. Connect using my phone line (mode	em or ISDN).
Connect to a private network Create a Virtual Private Network (VI	<u>through the Internet.</u> PN) connection or tunnel through the internet.
Connect directly to another concern using my serial, parallel, or	
Connect to the network via by Connect through my broadband co	
	< <u>B</u> ack <u>N</u> ext > Cancel

6) Enter the Phone Number

Enter "1111" for the Phone Number.

Note:

- As a phone number is not used in remote monitoring and operation, any number may be entered.

Phone Number to Dial What is the phone num	ber you will use to make this connect	tion?
Type the phone numbe	r below.	
Phone number:		
1111		
you need the extra	nclude a "1" or the area code, or bot numbers, dial the phone number on y d, the number dialed is correct.	

7) Click on [Next]

"Connection Availability" appears.

- 8) Enter the Connection Name Enter "MJ-310E" in Connection Name.
- 9) Click on [Finish]

New Connection Wizard is terminated, and "MJ-310E" is added to Dial-up/LAN.

New Connection Wizard	×
Finished The wizard is ready to create your connection.	5
Type a name you want for this connection: MJ-310E	1
Click Finish to save it in the Network Connections folder. To edit this connection later, select it, click the File menu, and then click Properties.	-
[< <u>₿</u> ack	Finish Cancel

- 10) Click on Dial-up/LAN ▼ Select "MJ-310E".
- 11) Click on [Properties]The MJ-310E Connection Setup screen (General) appears.

Connect using: Dell Data Fax Modem (CDM3) (CDM3)	
Modem - Dell Data Fax Modem (COM3)	
	Configure
Phone number	
Arga code: Phone number:	
~ 1111	Alternates
Country/region code;	
	~
Use dialing rules	Dialing <u>B</u> ules
Show icon in notification area when conner	ected

- 12) Click on the Options TAB The MJ-310E Connection Setup screen (Options) appears.
- 13) Remove all dialing options



14) Click on the Networking TAB

The MJ-310E Connection Setup screen (Networking) appears.

- Click on "Type of dial-up Server I am calling" ▼ Select "PPP: Windows 95/98/NT4/2000, Internet".
- 16) Check Internet Protocol (TCP/IP) Check the box.
- 17) Click on [OK]

MJ-310E connection setup is now complete.

4.1.3 Registering Monitored Sites

Register a monitored site

The MJ310E on the Web screen appears.

1) Click on [Add/Edit Entries]

The Add/Edit Entries screen appears.

2) Click on [New Entry]

Setup the connected site.

3) Enter the Entry Name

Enter the display name (eg. name of the connected building) in the Entry Name field.

4) Click on Dial-up/LAN ▼

Select MJ-310E

Note:

- This manual assumes remote connection of the modem. If connecting to a LAN, select LAN.
- Some settings are unnecessary if selecting a LAN. In this case, skip the sections below noted as "not required with LAN".

5) Enter the Login User name (not required with LAN)

Enter the User Name set with the MJ-310E call received setting (See Chapter 1 of Sheet 2 in the Site adjustment.).

6) Enter the Login Password (not required with LAN)

Enter the Password set with the MJ-310E call received setting (See Chapter 1 of Sheet 2 in the Site Adjustment.).

- Enter the Domain (not required with LAN) Enter the name of the connected computer.
- 8) Enter the Phone Number (not required with LAN) Enter the connected phone number.

9) Enter the User Name

Enter the user name for MJ-310E remote monitoring. Enter the user name set with MJ-310E remote monitoring connection setup (See section 8.12 in the Site adjustment).

Note:

- This sometimes differs from the Login User Name.
- 10) Enter the Password

Enter the Password for MJ-310E remote monitoring. Enter the Password set with MJ-310E remote monitoring connection setup (See section 8.12 in the Site adjustment).

Note:

- This sometimes differs from the Login Password.

	rties	
eneral Options S	ecurity Networking	Advanced
Type of dial-up serve	erlam calling:	
PPP: Windows 95/	98/NT4/2000, Intern	et
		Settings
This connection use	s the following items:	
-	-	
Internet Prot		
QoS Packet	Scheduler	
		oft Networks
🗆 遵 File and Prin	ter Sharing for Micros	oft Networks
	ter Sharing for Micros	oft Networks
🗆 遵 File and Prin	ter Sharing for Micros	oft Networks
🗆 遵 File and Prin	ter Sharing for Micros	oft Networks
File and Prin Gient for Mic	ter Sharing for Micros crosoft Networks	
Client for Mic	ter Sharing for Micros crosoft Networks	
□ ♣ File and Prin ☑ ▣ Client for Mic Install Description	ter Sharing for Micros crosoft Networks	Properties
File and Prin Eient for Mic Install Description Transmission Con	ter Sharing for Micros crosoft Networks	Properties Protocol. The default
File and Prin File and Prin Gient for Mic Install Description Transmission Con wide area network	ter Sharing for Micros crosoft Networks Uninstall trol Protocol/Internet k protocol/Internet	Protocol. The default
File and Prin File and Prin Gient for Mic Install Description Transmission Con wide area network	ter Sharing for Micros crosoft Networks	Protocol. The default
File and Prin File and Prin Gient for Mic Install Description Transmission Con wide area network	ter Sharing for Micros crosoft Networks Uninstall trol Protocol/Internet k protocol/Internet	Protocol. The default
File and Prin File and Prin Gient for Mic Install Description Transmission Con wide area network	ter Sharing for Micros crosoft Networks Uninstall trol Protocol/Internet k protocol/Internet	Protocol. The default
File and Prin File and Prin Gient for Mic Install Description Transmission Con wide area network	ter Sharing for Micros crosoft Networks Uninstall trol Protocol/Internet k protocol/Internet	Protocol. The default



Entry Name	Dial-up/LAN	Login Use	Login Pas	Phone Nu	Domain	User Name	Pase	Save and
								Cance
								Up Down
<u>د </u>						_]	•	New Entr
Entry Name				_				
	(New C	onnection)	 Properti 	es				
Dial-up / DAN	ame			User Nam	ie 🗌			
Dial-up / LAN Login User n				Password				
Login User n					· .			
				URL				

11) Enter the URL

Enter the MJ-310E start-up screen URL (eg. http://192.168.100.1/mj310e/Default.asp)

Note:

- The URL varies with the computer on which MJ-310E is installed. Contact your MJ-310E system administrator for details.

12) Click on Add

The site is added to the Add/Edit Entries list.

- Repeat steps 2)~12)
 Repeat setup for multiple sites.
- 14) Click on [Save and Exit]

When all sites have been registered, click on [Save and Exit].

4.2 Editing Monitored Sites

Editing monitored sites

The MJ310E on the Web screen appears.

- 1) Click on [Add/Edit Entries] The Add/Edit Entries screen appears.
- 2) Select the Entry Name to be edited

Select the Entry Name from the Add/Edit Entries registration site list. The selected property data is displayed in the setup field.

- 3) Change the required details Change the required details.
- Click on [Update]
 After completing the changes, click on [Update].
- 5) Click on [Save and Exit] Save the changes.

zMJ310Web	>
MJ310E on the Web	
MITSUBISH BUILDING MITSUBISH WAKAYAMA	Connect Add / Edit Entries
Select an entry, and click the Connect button.	OK
	END

	al-up/LAN	Login Use	Login Pas	Phone Nu	Domain	User Name	Pase	Save and E
	I-310E	MJ-310E	***	123456789	MJ-310E	MELCO	***	L
MITSUBISH M.	-310E	MJ-310E	***	987654321	MJ-310E	MELCO		Cancel
								Up Down
	[MITSUB	ISHI WAKAYA	/A			1	•	New Entry Delete
Entry Name		ISHI WAKAYA		iae		1	×	
Entry Name Dial-up / LAN	MJ-310E		MA Propert			1	Ľ	
Entry Name	MJ-310E			jes User Nam		1	×	
Entry Name Dial-up / LAN	MJ-310E						1	
Entry Name Dial-up / LAN Login User name	MJ-310E			User Nam	****	2.168.100.1	×	
Entry Name Dial-up / LAN Login User name Login Password	MJ-310E			User Nam Password	****	2.168.100.1	×	

4.3 Deleting Monitored Sites

Deleting monitored sites

The MJ310 on the Web screen appears.

1) Click on Add/Edit Entries

The Add/Edit Entries screen appears.

2) Select the Entry Name to be deleted

Select the Entry Name to be deleted from the Add/Edit Entries registration site list.

3) Click on [Delete]

The selected Entry Name is deleted.

4) Click on [Save and Exit]

Save the changes.

5. Remote Monitoring and Operation

5.1 Remote Connection

Remote Connection

The section describes remote connection to the MJ-310E. This operation allows simple remote connection to the MJ-310E.

[Procedure]

1) Double-click on the "MJ310Web.exe" icon

Click on the "MJ310Web.exe" icon on the desktop. The "MJ310 on the Web" screen appears.

2) Select the site to be connected

Select the site to be connected from the registered site list.

3) Click on [Connect]

Begin connection to the selected site.

The whole Building appears when connection is completed normally.

Caution:

- The Java Virtual Machine may not be installed as standard when using WindowsXP (IE6.0 or later). Install the Java Virtual Machine if Fig.A is displayed at remote connection.



MJ310E on the Web

MITSUBISHI BUILDING

Select an entry, and click the Connect buttor

Install On Demand (Other)

- 🗆 ×

Connect

Add / Edit Entries

END

[?]|X

5.2 Screen Components and Functions

Describes screen components and functions



 Menu screen:
 Displays a menu of the various functions. Click on each function to display the relevant monitoring screen or operating screen.

 Title display:
 Displays the title and item name.

 Monitoring screen:
 Displays the monitoring screen for the selected function.

 Operating screen:
 Displays the operating screen for the selected function.

 Screen borders:
 Drag to alter the screen size.

Note:

⁻ Some user names do not permit display of all screens.

5.3 Monitoring and Operation

Displays monitoring and operation for the entire building

1) Select Monitor/Operation - Whole Bldg. on the menu.

The monitoring and operation screen for the entire building is displayed.

Monitoring screen

[Description]

1) Displays group operation, stopping, or errors for each floor.

- 2) Green: On, Red: Off, Blue: Ventilating, Yellow: Faulty
- 3) Operating status of the unit, fire alarms, and demand data, are available at a glance.
- 4) [Update] is used to display the most recent data.
- 5) By clicking a floor on the whole Building, the screen for that floor is displayed. (The group of ⊖ symbols indicate a floor.)

Note:

- If [Update] is not used, the screen is updated automatically at five minute intervals.

Operation screen

Permits operation for the entire building.

[Procedure]

1) Select the On/Off option

Select "On", "Off", or "Unchange".

Click on Mode ▼

Select "Unchange", "FAN", "Cool", "Heat", "Dry", or "Auto".

Click on Temperature ▼

Select 19°C to 28°C or "Unchange".

4) When the above settings have been entered, click on [Submit]

The set conditions are sent to the MJ-310E. Click on [Reset] to reset to the default conditions.

Note:

- Selection of a function not supported by the unit will not result in operation.
- After sending the set conditions to the MJ-310E, click on [Update] to verify operation.

Maintenance tip

- Operating the system during demand control operation or a fire alarm may result in incorrect operation.

Elle Edit Yew Figuarites Icole				112
Gess (€ http://10.130.7.61/m/010e	ljSearch (j}Pavortes (j)History 12- (j) 27 + (han-asp		P60	Links H
Espand Collepse	MITSUBISHI ELECTRIC	MJ-310E Ver. 3.00		
Variation Dependence Variation Reference Variation Reference Variatio	Monitor of the Viback Building (24 cH 35) Statestand Con GOE O'Amining >Fashy IF Con GOE O'Amining >Fashy IF Con GOE O'Amining Statestand IF Con GOE O'Amining Statestand Con Con Concerning IF Con Concerning Statestand Co	Nomal Update		
Poors Poorse Poorse Sectory Auers Notice Sectory Person Environ Demonst Environ Person Environ Demonst Demonst Model Nones Log co	Operation on all floor: Code Concerner Technings Mode Undergraps Temperature Undergraps Datamet Record			-

On/Off	⊂ On ⊂ Off ⊙ Unchange	
Mode	Unchange 💌	
Temperat	ure Unchange 💌	
Submit	Reset	

Displays monitoring and operation for the entire block

- 1) Select Monitor/Operation Blocks on the menu
 - The monitoring and operation screen for the entire block is displayed.

Monitoring screen

[Description]

- 1) Displays operation status for each block.
- 2) [Update] is used to display the most recent data.
- 3) Check the relevant box to permit operation for that block.

Note:

- If [Update] is not used, the screen is updated automatically at five minute intervals.

Operation screen

Permits operation for the entire block. This operation relates only to groups for which the boxes on the monitoring screen are checked.

[Procedure]

1) Select the On/Off option

Select "On", "Off", or "Unchange".

2) Click on Mode 🔻

Select "Unchange", "FAN", "Cool", "Heat", "Dry", or "Auto".

Click on Temperature ▼

Select 19°C to 28°C or "Unchange".

4) When the above settings have been entered, click on [Submit]

The set conditions are sent to the MJ-310E.

Click on [Reset] to reset to the default conditions.

Note:

- Selection of a function not supported by the unit will not result in operation.
- After sending the set conditions to the MJ-310E, click on [Update] to verify operation.
- The indoor unit has priority when included in the block.

Maintenance tip

- Operating the system during demand control operation or a fire alarm may result in incorrect operation.

M3310E on the Web - Microsoft Ele Edt Yew Favorites Ion		X
	Search @Favorites @History E- @ @ -	
ddress 🗃 http://10.130.7.61/wj31	N(hah.asp	💌 🖓 Go 🛛 Links 🎽
Espens Collepse	MITSUBISHI ELECTRIC	MJ-310E Ver. 3.00
Jona Sana Sana Sana Sana Sana Sana Sana S		

Operation on Blocks selected above

On/Off	○On ○Off ⊙Unchange
Mode	Unchange 💌
Temperature	Unchange 💌
Submit	Reset

Displays monitoring and operation for the entire floor

1) Select Monitor/Operation - Floors on the menu

The monitoring and operation screen for the entire floor is displayed.

Monitoring screen

[Description]

 Displays group operation status for each floor. Status display for each item is as follows. On/Off: On, Off, Ventilating, Faulty Mode: FAN, Cool, Heat, Dry, Auto Temperature setting: 17°C to 30°C (set temperature displayed)

Room temperature:	Room temperature displayed.
Operation Restricted	: Yes, No (displays whether or not operation
	with the remote is possible).
Filter sign:	Normal, Maintenance (maintain the filter when
	Maintenance is displayed).
Total Run Time (H):	Total Run time displayed.
Demand Limiting:	Active, No
-	(Demand displayed during demand control operation.)

 Image: Second Second

- 2) Update is used to display the most recent data.
- 3) Check the relevant box to permit operation for that group.

Note:

- If [Update] is not used, the screen is updated automatically at five minute intervals.

Operation screen

Permits operation for each group.

This operation relates only to groups for which the boxes on the monitoring screen are checked.

[Procedure]

1) Select the On/Off option

Select "On", "Off", or "Unchange".

Click on Mode ▼

Select "Unchange", "FAN", "Cool", "Heat", "Dry", or "Auto".

Click on Temperature ▼

Select 17°C to 30°C or "Unchange". The settable temperature range differs with the mode.

4) When the above settings have been entered, click on the [Submit]

The set conditions are sent to the MJ-310E. Click on [Reset] to reset to the default conditions.

Note:

- Selection of a function not supported by the unit will not result in operation. For example, setting the target temperature to a value outside the temperature range will result in operation in accordance with a value within the range.
 After sending the set conditions to the MJ-310E, click on [Update] to verify operation.
- Only operation and stop are possible for Lossnay.

Maintenance tip

- Operating the system during demand control operation or a fire alarm may result in incorrect operation.

	0n Heat 24	24	Ň
Operatio	n on the Groups selected a	bove	
On/Off	⊂On ⊂Off ⊙Unchange		
Mode	Unchange 💌		
Temperatu	re Unchange 💌		
Submit	Reset		

Displays monitoring and operation for the system

- 1) Select Monitor/Operation System Units on the menu
 - The monitoring and operation screen for the system unit is displayed.

Monitoring screen

[Description]

- Displays the status of the system unit for each floor, or for each WHM. Gray display: Indicates normal Amber display: Indicates Abnormal
- 2) Screen Update is used to display the most recent data.

Note:

- If [Update] is not used, the screen is updated automatically at five minute intervals.



5.4 Abnormality History

Displays Abnormality history monitoring and search for entire building

1) Select Abnormality History - Whole Bldg. on the menu

The Abnormality history monitoring and search screen for the entire building is displayed.

Monitoring screen

[Description]

1) Displays the Abnormality history for the entire building.

Details for each item are as follo	DWS.
Occured At:	Displays the date and time the error occurred.
Recovered At:	Displays the date and time the system recovered from the error.
Address:	Displays the address at which the error occurred in the unit.
Occurrence point:	Displays the name of the floor and unit at which the error occurred.
Contents:	Displays the error code and error details.

V Montos (Operator) Wheels	Error Hist				
	(As	ory for of 09.32,	the Whole 31/Aug/2001	Building Update	
Decured At 3	Recovered At	Address	Location	Description	
22:18:46 0 Whole Edg. 30/Ang/2001)8:53:33 31/Aug/2001	00	IFU	(0003)	
System Units 30/Aug/2001 3	30/Aug/2001	00	IFU	(0003)	
Ppersisten History Whole Bidg Blocks	16:05:18 30/Aug/2001	00	IFU	(0003)	
	08:57:34 31/Aug/2001	00-003	00-003	(8001)	
Whole Bldg. 20:48:30 0 Blacks 29/Aug/2001	09:26:54 30/Aug/2001	00	IFU	(0003)	
17.46.03 1 View Charges 29/Aug/2001 2	17:46:38 29/Aug/2001	00	IFU	(0003)	
Atam Notice 14:44:07 1	14:44:50	00	IFU	(0003)	
Person Limiting					
TrendLog					

2) Update is used to display the most recent data.

Note:

- Search Results is displayed when the results of the search are displayed.
- [Next Page] (Previous Page) is displayed if more than 100 items are found in the search.

Operation screen

Permits searching of the error history.

[Procedure]

[i locedule]	
1) Select search condition	ns
Check the boxes for th are as follows.	e required search conditions. The search conditions
Occured on:	Select the date at which the error occurred.
Recovery:	Select the date at which the system recovered from the error.
Device:	Select the address at which the error occurred in the unit.
Error code:	Enter the error code.

\Box Occured on	13 • Oct • 2001 •
🗆 Recovery	
C Recovered	l on 13 • Oct • 2001 •
C Unrecover	ed
🗆 Device	
OIFU	
⊂ G/W	<all></all>
C Unit	G/W (ALL) VInit (ALL) V
C WHM	WHM1 -
🗆 Error Code	
Search	Reset

l leses

WHM I WHM I (8001) Failed to mo

Note:

- Enter "6***" to search for all error codes in the 6000s.

2) Enter the search item and click on [Submit]

The search results are displayed on the monitoring screen. Click on [Reset] to reset to the default conditions.

Note:

- In addition to the error history monitoring and search items above for the entire building, the following items are also available.

Operation is the same as for Whole Bldg. "Blocks", "Floors", "System Units"

5.5 Operation History

Displays operation history monitor and search for entire building

1) Select Operation History - Whole Bldg. on the menu

The operation history monitoring and search screen for the entire building is displayed.

Monitoring screen

[Description]

1) Displays the operation history for the entire building.

Details for each item	n are as follows.
Operation Time:	Displays the date and time of the operation.
Controller:	Displays the controller from which the operation occurred.
Address:	Displays the address of the operated unit.
Operation point:	Displays the name of the floor and address at which the operated unit is located.
Contents:	Displays the error code and error details.

	occurred.	
	Displays the address of the operated unit.	@ Done
:	Displays the name of the floor and address at	
	which the operated unit is located.	

- @) [] ^} @) % ES- 48 W MITSUBISHI ELECTRIC MJ-310E Ver. 3 Operation History for the Whole Building Update (43) 14 lation Hiel (A3) Off Westlation Off (A3) Off. Ventilation Off (A2) Local BC or (43) Off Ve 13 • Oct • 2001 • G/W 1 Crows 1 . Search Reset

2) [Update] is used to display the most recent data.

Note:

- Search Results is displayed when the results of the search are displayed.
- [Next Page] (Previous Page) is displayed if more than 100 items are found in the search.

Operation screen

Permits searching of the operation history.

[Procedure]

1) Select search conditions

Check the boxes for	or the required search conditions. The search conditions
are as follows.	
Date:	Select the date at which the operation occurred.

Date.	Delect the date at which the operation occurred.
Controller:	Select the controller from which operation occurred.
Address:	Select the address of the controlled unit.
Demand Limiting:	Check the box for the demand operation to be
	searched.



2) Enter the search item and click on [Submit]

The search results are displayed on the monitoring screen. Click on [Reset] to reset to the default conditions.

Note:

- In addition to the operation history monitoring and search items above for the whole building, the following items are also available.

Operation is the same as for Whole Bldg.

"Blocks", "Floors"

5.6 Schedule

Displays schedule for whole building

1) Select Schedule - Whole Bldg. on the menu

The schedule screen for the whole building is displayed.

Monitoring screen

[Description]

1) Displays the schedules for today, tomorrow, and the week for the whole building.

mand Collispon	MITSUBISHI ELECTRIC			l.	D-310E Ver. 3.00	
Monitor / Operation Whole Bidg.	Schedule for the Whole Building Update (As of 14.58, 13/Oct/2001)				10	
Ekone System Units	Today / Tomorrow					
Abnom sity History	1 2 3 4 5 6 7 8 9 10					
Whole Bidg. Blocks		ON				
Elopes	13/Oct/2001	OFF				
System Units		ON	rrrr			
Operation History Whole Bidg	14/Oct/2001	OFF				
Elector		OFF				
Eloneo Sche Rube	Weekly					
Whole Bidg	1 2 3 4 5 6 7 8 9 10					
Electer Florer		ON				
Chargers	Monday	OFF				
View Charges		ON				
Allorm Notice	Tuesday	OFF				
Settings		ON				
Demand Limiting Demand Limiting	Wednesday	OFF				
TredLog		ON				
Download	Thursday	OFF				
System Devices		OFF				

Note:

- "**:**" is displayed if the schedule does not match.
- In addition to the schedules monitor items above for the whole building, the following items are also available.
 Operation is the same as for Whole Bldg.
 "Blocks", "Floors"

5.7 Charges (Billing)

5.7.1 Without WHM Connection

Displays charges

1) Select Charges - View Charges on the menu

The Charges screen is displayed.

Monitoring screen

[Description]
1) Displays the items below for each block for a period of three months.
Calculated Electric Energy (kWh): A temporary calculation of electric
power based on capacity of the
indoor unit and amount of opera-
tion.
Calculated Charge (currency unit): A temporary charge for air condi-
tioning based on the value for
electric power above.
Percentage of Charge (%): Ratio of charges for each block.

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ns All Collepse All	MITSUE	RISHI E	RECTRI	c			MJ-31	0Ver. 3.00			
onitor / Operation Whole Bidg Blacks				c Energy : of 11.18, 31	and Charg (Aug/2001)	es L	lpdate				
Floars						т	erm		5	status	
System Units tos History Whole Bidg Blocks						before: 1/	day/2001-	-30/Apr/2001 -30/Jun/2001 -31/Jul/2001	Red	Abno	rmal
Eloans System Units			Calculated	Electric En	ergy [kWh]	Calculate	d Charge[YEN]			
omation: History Whole Bidg Blacks	Bloc	k Name		Two months ago	Last muth	Three months ago	Teo mantha ago	Last month			
Floars	Block	c1	0.0	0.0	0.0	0.00	0.00	0.00			
hesuie	Block	c2	0.0	0.0	0.0	0.00	0.00	0.00			
Whole Bidg. Blocks	Block	3	0.0	0.0	0.0	0.00	0.00	0.00			
Floare	Block	c4	0.0	0.0	0.0	0.00	0.00	0.00			
View Charges	Block	ర	0.0	0.0	0.0	0.00	0.00	0.00			
arra Notire	Total	1	0.0	0.0	0.0	0.00	0.00	0.00			
Settings match Londons		_						i.			_
Demond Limiting end Log Download											
ntern Settinge Model Names g. o.u.											

Note:

- Values in black are normal, values in red are abnormal, and values in blue are maintenance values.

 Air conditioning charges relate only to power usage associated with the use of a cooling medium in the units within the M control indoor. Power and charges are temporary calculations based on capacity of indoor units and the amount of operation, and cannot be used as is. Differs from air conditioning charges with WHM connections.

Operation screen

Permits output of the charging data file.

[Procedure]

1) Select Month

Last month, Two months ago, or Three months ago may be selected.

2) Select Output Format

Standard, Detailed on units, or Detailed on service times may be selected.

3) When the items above have been entered, click on [Download] The data is output to a file.

Month	 Last month 	C Two months ago	C Three months ago
Output format	Standard	C Detailed on units	C Detailed on service times
Download			

- Note:
 - The file is in CSV format.
 - The file names are as follows, however they may be saved under any file name.
 - Last Month/Standard: Charges(Std)-1.csv
 - Last Month/By Unit: Charges(OnUnits)-1.csv
 - Last Month/In/Outside Hours: Charges(OnSvcTimes)-1.csv
 - "2" represents 2 Months Ago, "3" represents 3 Months Ago.

5.7.2 With WHM Connection

Displays charges

1) Select Charges - View Charges on the menu

The Charges screen is displayed.

Monitoring screen

[Description]

•
•
-

Charges for electric power apportioned to each WHM.

Note:

- Values in black are normal, values in red are abnormal, and values in blue are maintenance values.

Operation screen

Permits output of the charging data file.

[Procedure]

1) Select Month

Last Month, Two months ago, or Three Months ago may be selected.

2) Select the output type

Standard, Detailed on units, or Detailed on service times may be selected.

3) When the items above have been entered, click on [Download]

The data is output to a file.

Note:

- The file is in CSV format.
- The file names are as follows, however they may be saved under any file name.
 - Last Month/Standard: Charges(Std)-1.csv
 - Last Month/By Unit: Charges(OnUnits)-1.csv
 - Last Month/In/Outside Hours: Charges(OnSvcTimes)-1.csv
 - "2" represents 2 Months Ago, "3" represents 3 Months Ago.

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mand Collapse		MITSUBIS	HI ELEC	TRIC			MD-3	10E Ver. 3.00			_
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Floors							Ferm			Status	
System Units Abnormating History Whole Bidg Blocks Floors						hs before:	/Aug/2001	-31/Jul/2001 -31/Aug/2001 ~30/Sep/2001	Red:	Abnos	m
System Units			Apportion	d Electric I	inergy [kWh]	Apportio	ed Charge	IYEN			
Operation History Whole Ebig Eborks		Block name	Three months ago	Two months ago	Last month	Three months age	Two months ago	Last month			
Floore		Block 1	0.0	0.0	320,301.8	200.00	200.00	32,030,383.3	3		
Schedule Whole Eide		Block2	0.0	0.0	1,148,058.3	200.00	200.00	114,806,033.3	13		
Blocks		Block3	0.0	0.0	644,033.7	200.00	200.00	64,403,566.6	7		
Floore		Block4	0.0					76,170,166.6			
View Charges		Block5	0.0								
Alarra Notice Settings		Total	0.0	0.0	2,903,137.2	1,000.00	1,000.00	290,314,716.6	7		
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Month	 Last month 	C Two months ago	C Three months ago
Output format	 Standard 	C Detailed on units	C Detailed on service times
Download			

5.8 Alarm Notice

Displays alarm notice

1) Select Alarm Notice - Settings on the menu

The alarm notice screen is displayed.

Monitoring screen

[Description]	
 Displays the following items. 	
Notification Condition:	Conditions for alarm e-mail.
Destination address of alarm e-mail:	Destination address of alarm e-mail
Destination address for Regular e-mail:	Destination address for Regular e-mail (an e-mail is sent daily when MJ-310E is operating normally).
Time for Regular e-mail:	Time at which Regular e- mail is sent.

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			Error	Cade Der	rice	No regular notification.		

Operation screen

Permits addition and deletion of alarm conditions.

[Addition]

1) Set the Error Code

Enter the error code.

Click on Device

Select the device.

Note:

- Enter "6***" to search for all error codes in the 6000s.

3) Click on [Add to conditions]

Permits addition of notification conditions.

[Deletion]

1) Check Delete

On the monitoring screen, check the boxes for the alarm conditions to be deleted.

2) Click on [Delete the selected conditions]

The selected conditions are deleted.

Note:

- A change in the notification conditions applies to all sites previously set for notification (i.e. individual sites cannot be set for notification).

	Error Code	Device		
Add to conditions	-	(ALL)	-	Reset

5.9 Demand Limiting

Displays demand limiting

1) Select Demand Limiting - Demand Limiting on the menu The demand limiting screen is displayed.

Monitoring screen

[Description]

The following items are displayed.
 Current demand control: Current demand level.
 Limiting level over the Web: Demand level and remaining valid time input remotely.
 Limiting level by MJ-310E: Demand level received from external inputs (or WHM).

Contract and water in the second and tablese
 Contract and and tablese

2) Details to be displayed in the event of a fire alarm or abnormal WHM.

Note:

- The higher the demand level the greater the priority.

Operation screen

Allows input of the demand level.

[Procedure]

1) Click on Limiting Level ▼

Select demand level or Disable.

Note:

- The number of levels set for the MJ-310E (up to five levels) are selectable as demand levels.

Click on Lasting hours

Select the continuous demand time. Selectable in units of one hour between 1 and 24 hours.

Note:

- Continuous demand time is the time for which demand continues when demand control is input with remote operation.

3) Click on [Submit]

Demand control operates.

Click on [Reset] to reset to the default conditions.

Limiting		-	
Lasting	hours	•	
Submi	t Res	set	

5.10 Trend Log

Displays trend log

1) Select Trend Log -Download on the menu

The trend log screen is displayed.

Operation screen

Permits output of trend data as a file.

- [Procedure]
- 1) Click on Classification

Select the items.

Item details: Temperature, Electric Energy (Blocks) Electric Energy (Indoor units), WHM

Click on ▼ for each of selections

Select the object of output trend data.

Note:

- The details of the selections differ in accordance with the selection in 1).

3) Set the period

Set the period for file output.

Click on [Download]

The data is output to a file.

Note:

- The file is in CSV format.
- The file name is TrendXX.csv (XX are consecutive numbers), however it may be saved under any file name.
- Time is required in outputting trend data to a file. This may result in significant phone charges with remote access via a phone line.

Maintenance tip

- Do not output trend is for AM4:00~4:30 as this may affect charging calculations.

5.11 System Devices

Displays system devices

1) Select System devices - Model Names on the menu

The System devices screen is displayed.

Monitoring screen

[Description]

1) Permits monitoring of the addresses and model names of the indoor and outdoor units connected to each G/W.

Note:

- The displayed model name is that set in Step 3 of MJ-310E system configuration setup.
- Used to verify the unit name during maintenance etc.

Expand Collapse	MITSUBISHI ELECTRIC			MJ-310E Ver. 3.00		
Accentor / Operation Whole Edg. Excelse	OW No.		del Names			
System Units	Address	Typ	e Model Name			
Abnormality History	15	IC	PEFY-PS0VMM-A			
Whole Bling.	16	IC	PEFY-P25VML-A			
Flager	17	IC	PEFY-P32VML-A			
System Unite Operation History	18	IC	PEFY-P40VMH-A			
Whole Etda	19	IC	PEFY-P50VMH-A			
Ellocks Floores	20	IC	PEFY-P63VMH-A			
che duie	21	IC	PEFY-P71VMH-A			
Whole Blig. Blocks	22	IC	PEFY-P80VMH-A			
Elacen	23	IC	PEFY-P100VMH-A			
3#2*5	24	IC	PEFY-P125VMH-A			
View Charges Marm Notice	25	IC	PEFY-P140VMH-A			
Settings	26	IC	PEFY-P200VMH-A			
) emand Limiting	27	IC	PEFY-P250-VMH-A			
Densod Liniting	28	IC	PCFY-P63VGM-A			
Download	29	IC	PEFY-P25VMM-A			
lysten Devices	30	IC	PEFY-P32VMM-A			
Model Name	31	IC	PEFY-P40VMM-A			

and Collapse	MITSUBISHI ELECTRIC	MJ-310E Ver. 3.00
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che dole Whole Etda Electra El	Classification Temperature 2 Select Gauge & Global 2 Group (1995) = 19411 - 19411 - 19441 - 19444 -	
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5.12 Terminating remote connection

Terminating remote connection

How to terminate the remote connection is described below.

[Procedure]

1) Select "Log out" on the menu

"Are you sure you want to log out?" is displayed.

2) Click the "OK" button

The termination screen is displayed.



3) "MJ310E on the web" is displayed

4) Click the "Hang up" button

The telephone line is disconnected.

MITSUBISHI BUILDING MITSUBISHI WAKAYAMA	Connect
	Add / Edit Entries

Note:

- The telephone line is not disconnected by simply logging off. Click the "Hang up" button.



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