FSV Controllers

A wide variety of control options to meet the requirements of different applications.

Operation system	Individual control systems				
Requirements	Simplified high-spec operation	High-spec operation	Normal operation	Operation from anywhere in the room	
External appearance	25.0c 25.0c			(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	
	Simplified high-spec Wired Remote Controller with Bluetooth	High-spec Wired Remote Controller	Timer Remote Controller (Wired)	Wireless Remote Controller	
Type, model name	CZ-RTC6W/CZ-RTC6WBL/ *CZ-RTC6WBLW (White) CZ-RTC6/CZ-RTC6BL/ *CZ-RTC6BLW (Black) *Available for particular types of VRF indoor units.	CZ-RTC5B	CZ-RTC4	Controller: CZ-RWS3 Receiver: CZ-RWRU3 CZ-RWRY3 CZ-RWRL3 CZ-RWRD3 CZ-RWRT3 CZ-RWRC3	
Built-in thermostat		•	•	_	
nanoe [™] X on/off control *not applies to Floor Console	•	•	_	•	
ECONAVI ON/OFF control	•	•	•	•	
Number of indoor units which can be controlled	1 group, 8 units	1 group, 8 units	1 group, 8 units	1 group, 8 units	
Use limitations	CZ-RTC6(W): Up to 2 controllers can be connected per group (only combination possible with CZ-RTC6(W)) CZ-RTC6(W)BL/CZ-RTC6(W)BLW: Up to 1 controller can be connected per group	 Up to 2 controllers can be connected per group (When using ECONAVI sensor, only one remote controller is possible to connect at indoor unit) 	 Up to 2 controllers can be connected per group (When using ECONAVI sensor, only one remote controller is possible to connect at indoor unit) 	Up to 2 controllers can be connected per group.	
Function ON/OFF					
Mode setting					
Fan speed setting					
Temperature setting					
Air flow direction					
Permit/Prohibit switching	_	_	-	-	
Weekly program *				-	

Timer operation Centralised control systems Operation with various Only ON/OFF operation functions from a central Daily and weekly program from a central location location 8 A Sec Part More --------6666 Schedule Timer System Controller ON/OFF Controller CZ-ESWC2 CZ-64ESMC3 CZ-ANC3 _ _ _ _ _ _ _ _ 16 groups, max. 64 units 64 groups, max. 64 units 64 groups, max. 64 units units Up to 10 controllers, can · Required power supply · Up to 8 controllers (4 main be connected to one from the units + 4 sub units) system. system controller Main unit/sub unit (1 main can be connected to one · When there is no system unit + 1 sub unit) system. controller, connection is connection is possible. • Use without remote · Use without remote links. possible to the T10 terminal of an indoor unit. controller is impossible. controller is possible. _ _ _ _ _ _ _ _ _ _

All specifications are subject to change without notice.

*(CZ-RTC6(W)BL/CZ-RTC6(W)BLW with H&C Control App)

FSV Controllers





Panasonic Total Air Conditioning Management System P-AIMS

P-AIMS basic software / CZ-CSWKC2

Up to 1024 indoor units can be controlled by one PC

Functions of basic software

- Standard remote control for all indoor units
- Many timer schedule programs can be set on the calender
- Detailed information display for alarms
- CSV file output with alarm history, operating status.
- Automatic data backup to HDD



basic software can be upgraded to

suit individual requirements.

For Load Distribution software

digital power meter c/w pulse





Panasonic

P-AIMS

CZ-CFUNC2



Intelligent Controller (CZ-256ESMC3)



H 240 x W 280 x D 85 mm Power supply AC 100 to 240 V (50/60 Hz) LCD: 10.4 in. TFT, XGA(1024 x 768), LED backlight UPS (Field Supply):select UPS with a sine output wave form

Product features

- 10.4 in., large, easy-to-use color LCD • With smartphone like operations, such as swiping and flicking
- Enhanced energy-saving control functions
- Packed with demand functions
- Set temperature auto return settings, Auto shutoff, Set temperature range limit settings

Energy visualization

• Displays electricity & gas usage distribution Supports energy-saving plans with graph display function



New features

- Max 256 indoor unit [4 links x 64 units] can be controlled. In case of three or more links [more than 128 units].
- a communication adaptor CZ-CFUNC2 must be installed for three or more links.
- Operation is possible as batch, in zone units, and in group units.
- ON/OFF, operation mode setting, temperature setting, for fan speed setting,

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air flow direction setting (when used without a remote controller) and remote controller local operation prohibition [prohibition

- 1,2,3,4] can be done
- Graph display [trends, comparisons] ECONAVI ON/OFF
- Outdoor unit quiet operation ON/OFF
- Energy-saving functions
- Event control [such as equipment linkage] • Limitation contents for prohibited operation

Prohibition means limitation of the operation contents from the remote controller. It is also possible to change the prohibition items.

Limitation contents

(Limitations can be user defined)

- There is no limitation for the operation of the remote Individual controller. However, the contents will be changed to the contents of the controller operated last. (Lastpressed priority.)
- The remote controller cannot be used for ON/OFF. (All Prohibition 1 other operations are possible from the remote controller)
- Prohibition 2 The remote controller cannot be used for ON/OFF, operation mode change and temperature setting. (All other operations are possible from the remote controller.)
- Prohibition 3 The remote controller cannot be used for operation mode change and temperature setting. (All other operations are possible from the remote controller.)
- Prohibition 4 The remote controller cannot be used for operation mode change. (All other operations are possible from the remote controller.)

Remote control

The LAN terminal on this unit enables you to connectit to a network. Connecting to internet will enable you to operate the unit and check the status using a PC from remote location.

• Power Distribution function

You can view cumulative electrical consumption per indoor unit or in a area.

Digital power meter with pulse require (Field Supply) for this function

Gateways for Panasonic AC systems integration



INTESIS PORTFOLIO FOR PANASONIC AIR CONDITIONING SYSTEMS ENSURE THE PERFECT INTERCONNECTION BETWEEN THE MOST EXTENDED PROTOCOLS INTO BUILDING AUTOMATION AND PANASONIC SYSTEMS.

The products from Intesis make it easy to meet Panasonic integration needs, giving the possibility to control from domestic AC lines to the most recent FSV systems. From the automation side, it does not matter the model of your Panasonic unit.

Connection with Panasonic AC indoor units

Individual Controllers:



• Connection to CN-CNT port from the indoor unit



Connection	BACnet	KNX	Modbus	Home Automation	AC Cloud Control
CN-CNT	INBACPAN0011000 IN485PAN0011000 AC units 1 Indoor unit	INKNXPAN0011000 AC units 1 Indoor unit, 4 Binary Inputs INKNXPAN001A000 Air to Water (Aquarea H) 1 Indoor unit	INMBSPAN0011100 AC units 1 Indoor unit INMBSPAN001A000 Air to Water (Aquarea H) 1 Indoor unit	INWMPPAN0011000 AC units 1 Indoor unit	INWFIPAN001I000 AC units 1 Indoor unit

• Connection to R1R2 port from the wired remote controller bus



Connection	BACnet	KNX	Modbus	Home Automation	AC Cloud Control
R1R2	INBACPAN001R000 INBACPAN001R100 VRF and PAC Systems 1 Indoor unit	INKNXPAN001R000 VRF and PAC Systems 1 Indoor unit 4 Binary inputs	INMBSPAN001R000 VRF and PAC Systems 1 Indoor unit	INWMPPAN001R000 VRF and PAC Systems 1 Indoor unit	INWFIPAN001R100 VRF and PAC Systems 1 Indoor unit

Multiple indoor unit gateways:

Connection to S-link bus from the outdoor units (one or two lines)



Connection	BACnet	KNX	Modbus	Home Automation	Note
S-Link (U1U2)	IN770PAN IN770PAN IN771PAN	00S0000: Small version - Up 00M0000: Medium version - 00L0000: Large version - Up	o to 16 Indoor Units, 30 Outdo Up to 64 Indoor Units, 30 Ou to 128 Indoor Units, 60 Out	oor Units. utdoor Units door Units	Configuration tool MAPS the protocol of your controlling system: BACnet, Modbus, KNX or Home Automation

bus	Home Automation	AC Cloud Control		
IOO1I1OO nfrared AC nfigured as	INWMPUNI0011000 Universal Infrared AC	INWFIUNI0011000 Universal Infrared AC		
MS/TP or RTU using PS. or unit	1 Indoor unit	1 Indoor unit 1 Binary input		