








# Advanced Controller for heat source equipment



Description	Chiller	Pump	Advanced Remote I/O Module
External view	 CE	 CE Operator Interface : QJ-1101	 CE
Model number	WJ-1102Q	WJ-1102P	RJ-11**
Communication	Upper : BACnet/IP, Lower : BACnet MS/TP, Modbus™RTU, Modbus ASCII		Ethernet
Power	100 to 240VAC		100 to 240VAC
Environmental condition	Ambient temperature: 0 to 50°C		
	Ambient humidity: 10 to 90%RH		
	Vibration and shock: 5.9m/s <sup>2</sup> (**G)max. (10 to 150Hz)		
Size (mm)	190W×140H×80D		110W×140H×80D
Terminal Block	Screw terminal block		Screw terminal block
Signal Input & Output	DI	Dry contact, Open collector	
	DO	Relay output, normally open contact	
	AI	Voltage, Current, RTD	
	AO	Voltage, Current	

# User Interfaces for savic-net™ G5 Series

## User terminals enabling multifarious operations

Description	Operator Panel (Panel mount type)	Operator Panel (Integral type)	Neopanel™2	Multi-area user terminal
External view	 CE	 CE	 CE	 CE
Model number	QY5100W0000	RY5101Q0000	QJ-1301	QJ-1201
Power	85 to 264 VAC	Power supply from controllers	Power supply from controllers	24VAC
Environmental condition	Ambient temperature: 0 to 50°C			
	Ambient humidity: 10 to 90%RH			
	Vibration and shock: 5.9m/s <sup>2</sup> (0.6G)max. (10 to 150Hz)			
Size (mm)	96 x 96 x 91	30 x 140 x 90	70 x 120 x 18.7	70 x 120 x 38.7
Mounting location	Panel surface	Controller side surface	Room wall	Room wall
Connectable unit	WJ-1111	WJ-1111	WJ-1111, WJ-1201C5, WJ-1202	WJ-1111
Functions	With system	Display and setting of points	Temperature setting, On/Off (for both FCU and VAV) Airflow control (FCU)	Operation of starting and stopping air conditioning equipment and lighting in up to 8 areas, setting temperature, humidity, CO <sub>2</sub> concentration, and airflow for air conditioning equipment, and extending the operation time of air conditioning equipment.
	Standalone	Scheduling, Manual override	Selection of temperature units, extended operation for overtime, switch of display modes	

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# Control Devices Edition Selection Guide

Guide For Building Automation Products  
 Varying combinations for wide applications by multifarious lineup based on original technology





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# Features

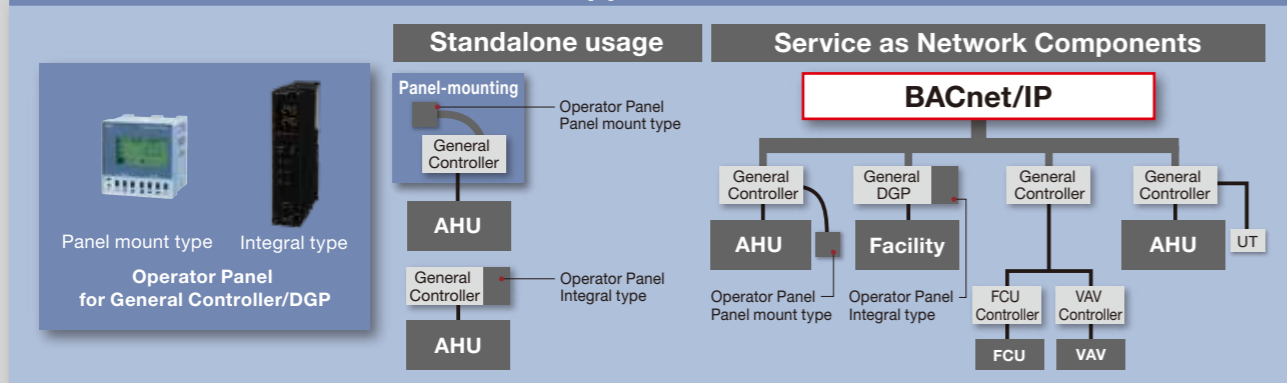
Open communication protocol	It is compatible with various open protocols such as BACnet/IP, BACnet MS/TP, Modbus™ RTU, Modbus ASCII.
Compactness	Controllers by Azbil are highly compact and perfect for any place.
Large Capacity	One unit is capable of controlling 600 objects(Advanced Controller)/150objects (General controller),and serviceable for a variety of applications.
Applicability	Flexible applications that meet a wide range of needs are possible with a multifarious lineup and support for many I/O types.
Wide Assortment	From among optional user operation devices you can choose the most suitable ones for your specific needs.
CE Marking	Various controllers are certified to CE Marking.
BTL certification	Advanced Controller : BACnet Building Controller (B-BC) General Controller : BACnet Advanced Application Controller (B-AAC) VAV Controller : BACnet Application Specific Controller (B-ASC)

## General Controller, Advanced Controller

### Compact but Powerful!



Description	General Controller	Advanced Controller
External view		
Model number	WJ-1111W0000	WJ-1103W0000
Power	100 to 240VAC	100 to 240VAC
Communication	Upper : BACnet/IP Lower : BACnet MS/TP, Modbus™RTU, Modbus ASCII	Upper : BACnet/IP Lower : BACnet MS/TP, Modbus™RTU, Modbus ASCII
Environmental condition	Ambient temperature	0 to 50°C
	Ambient humidity	10 to 90%RH
	Vibration and shock	5.9m/s <sup>2</sup> (0.6G)max. (10 to 150Hz)
Size (mm)	60W×140H×102D	190W×140H×80D
Installation method	DIN rail / direct screw mounting	DIN rail / direct screw mounting
wiring specifications	Spring terminal block (Power supply) LAN cable with RJ-45 (Ethernet, RS-485)	Screw connectors are used(Power supply) LAN cable with RJ-45 (Ethernet)
Signal input & output	AI	Voltage,Current,RTD
	AO	Voltage,Current
	DI	Current,Voltage, Rated dry contact resistance, Rated open collector voltage
	DO	Relay,Remote-control relay output, Modutrol motor output

### Application



## VAV/FCU Controller

### Smart operation of various types of devices installed in various places in a building

Description	FCU Controller	VAV Controller, with Actuator
External view		
Model number	WJ-1202	WJ-1201C5, MY8440
Power	100 to 240VAC	24VAC
Communication	BACnet MS/TP	BACnet MS/TP
Environmental condition	Ambient temperature	0 to 50°C
	Ambient humidity	10 to 90%RH
	Vibration and shock	3.2m/s <sup>2</sup> (0.33G)(10 to 150Hz)
Size (mm)	200×140×47.9 (Proportional control) 150×100×35.9 (on/off control)	150×100×35.9 116×61×66 (MY8440C5100) 124×62×80 (MY8440C5200)
Installation method	Screw mounting	Screw mounting Shaft mounting
Terminal block	Modular terminal (Communication, Temperature sensor) spring terminal block (Power supply,Valve,Fan)	spring terminal block (power supply,Actuator) Modular terminal (Communication,Temperature sensor) spring internal block

### Application

