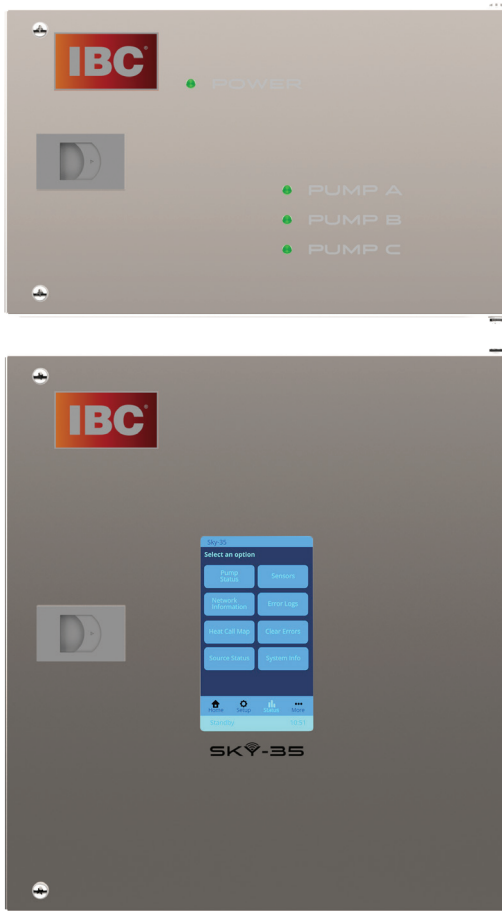


SKY-35

AN INTEGRATED CONTROL FOR HYBRID SYSTEMS

The Sky-35 Controller provides easy and versatile management of multiple heat sources (heat pumps, gas boilers, electric boilers, etc.), serving a variety of loads. It allows you to set up primary and backup heat sources to complement each other, whether strictly priority or more dynamically, to optimize comfort, operating cost, or energy consumption.



BUILT-IN FEATURES

- Intuitive user interface for easy and smart configuration
- Flexible options for a wide spectrum of hydronic applications
- Control and monitor up to 6 IBC HPX heat pumps, 4 IBC EBX electric boilers, 24 IBC gas boilers with V-10 control, and 3 third-party heat sources
- Adaptable hardware connections for easy updates as technologies change and systems are added
- Supply, return, and outdoor temperature sensors included
- Control up to 6 ECM pumps
- Conventional ON/OFF control for 3 pumps with included pump relay unit
- Remote connectivity through IBC's online portal
- Heat Pump overtemp protection
- 24V AC thermostat outputs
- Heat loop and buffer tank monitoring and control

THE **SMART CHOICE** FOR
HEAT AND HOT WATER

IBC[®]

SKY-35 CONTROLLER SPECIFICATIONS		Part No. 016-201
Rated Voltage / Frequency / Phase	24V / 60Hz / 1Ph	
Total Load (Less Pumps)	10VA / 0.42 A	
Weight	3.2 lb / 1.45 kg	
Max. Fuse Size	2 A	
Minimum Ambient Temperature	32°F / 0°C	
Maximum Ambient Temperature	131°F / 55°C	
Height	11.375" / 288.5 mm	
Width	10.125" / 256.7 mm	
Depth	1.75" / 43.7 mm	
Part No.	016-201	

PUMP RELAY MODULE ACCESSORY SPECIFICATIONS	
Rated Voltage / Frequency / Phase	24V / 60Hz / 1Ph
3 x Relays 120V AC / 4.4 A Max each	12.0 A Total
Total Load (Less Pumps)	0.1 A
Weight	2.4 lb / 1.09 kg
Max. Fuse Size	15 A
Minimum Ambient Temperature	32°F / 0°C
Maximum Ambient Temperature	131°F / 55°C
Height	6.125" / 156 mm
Width	10.125" / 257 mm
Depth	2.125" / 49 mm

SKY-35 CONTROLLER CONNECTIONS	
Supply Power Wiring Knock-Out (1)	0.5"
Control Wiring Knock-Outs (8)	0.5"
Ethernet Port (1)	RJ45
USB Stick Port (1)	USB-A

PUMP RELAY MODULE ACCESSORY CONNECTIONS	
Supply Power Wiring Knock-Out (1)	0.5"
Control Wiring Knock-Outs (7)	0.5"

When wall-mounting, leave adequate room for door swing, wiring connections, and 6" (15 cm) below for insertion of USB stick.

