



# **PRODUCT CATALOGUE**

Residential • Commercial • Industrial • Institutional







Over the past 20 years, HBX Control Systems Inc. has been an industry leader for complete control solutions for radiant floor and baseboard heating systems, multi-stage boiler applications, automatic snow melting systems, Geothermal, Solar thermal and heat/flow metering. Our research, development, manufacturing, and technical support are located in Western Canada which enables our different departments to work together to provide the best products and support to our customers.

With the use of HBX Controls, traditionally complex systems are simplified by the addition of modular components, uncomplicated wiring and plain text programming. Ease of installation and operation are the cornerstone of our control design with the ability to remotely control and monitor your system using the SensorlinxTM Hydronic Network.

HBX Control Systems products are sold and support from a network of dedicated representatives throughout Canada and the U.S.A. These representatives have extensive knowledge and can provide assistance is selecting the right control for your application requirements.

# **Table of Contents**





# **ZONING & THERMOSTAT SOLUTIONS**

- 4 WIFI ZONING SYSTEM
- 6 THERMOSTAT SOLUTIONS
- 8 ZONE CONTROL SOLUTIONS



18

# **GEOTHERMAL SOLUTIONS**

**18** GEOTHERMAL CONTROLS





SENSOR SOLUTIONSSENSORLINX SMART SENSOR SYSTEM



WIRELESS OUTDOOR SENSOR

- 20 WAV-0110 OUTDOOR SENSOR
- 21 OUTDOOR RESET CONTROL





# **BOILER CONTROL SOLUTIONS**

**14** BOILER CONTROL SOLUTIONS



# 22

## **TRAINING SOLUTIONS** 22 HBX TRAINING SESSIONS & WEE

**22** HBX TRAINING SESSIONS & WEBINARS





## SNOW MELT SOLUTIONS

16 SNOW MELT CONTROL

17 SNOW MELT SENSOR

**PRODUCT INFORMATION** 23 PRODUCTS LISTING

# Introducing the WiFi<sup>™</sup> Zoning System

The HBX Wi-Fi Zoning System offers the highest degree of comfort management, allowing you to control multiple zones within your living space from your smartphone or tablet device. This flexible design makes comfort easy by allowing you to remotely control temperatures, targets, schedules, and operating modes with just a few taps.

The zoning system incorporates a zone control (ZON-0600) which is expandable to 20 zones and two wire programmable touchscreen thermostats (THM-0600).

Front Hall

Zone I-

3 DAMPER

13%

12%



## **THM-0600** Touch Screen Thermostat

# FEATURES

- 2 wire thermostat (power and communication)
- Multiple heating and cooling modes
- Humidity Control
- Programmable Schedules
- Floor and Air sensing capabilities

# SensorLin 🕅

## **HBX SensorLinx App**

Remote System Management

- Manage comfort for multiple zones and locations, including snow melt, geothermal and boiler systems
- Control targets, schedules, modes, slab temperature and much more
- Updates in real time







Low power mode with dim screen when idle.



.(1)

Certified to CSA CZ2,2 No 2/ Conforms to UL Standard 87

# **ZON-0600** WiFi Enabled Zone Control

- Expandable, control up to 20 zones
- Pump, valve, damper control
- Fancoil, Furnace, and AC control
- Humidity control
- Geothermal Mode ( 2 or 4 pipe systems)
- Wi-Fi Enabled



THM-0600

FULL COLOR TOUCH SCREEN THERMOSTAT

### FEATURES

- Mobile app for Android and Apple devices (Sensorlinx App)
- 2 Wire thermostat
- Temperature sensing modes: Air, Floor and Dual Mode
- Includes 10' floor sensor for radiant floor heating
- Multiple heating and cooling modes with fan control
- Auto heat/cool changeover
- Away mode for energy savings
- Automatic humidity control
- · Outdoor temperature display by internet
- · Programmable schedules for heating and cooling

The THM-0600 is a 4 stage full programmable P.I.D thermostat designed for Hydronic and forced air HVAC applications. The large, full graphic display with a low profile is easy to read and simple to navigate using the touch screen control. The thermostat features a low power idle mode with a dim screen when not in use. When connected to the internet with the Wi-Fi Zoning system, the SensorLinx<sup>™</sup> mobile app allows you to control the thermostat remotely anytime, anywhere.

The THM-0600 is designed to work only with the HBX Wi-Fi Zoning System and utilizes only two wires (power and communication) to the ZON-0600 zone control. This eliminates the need to pull wire which makes it ideal for retrofits as well as new installations.

The thermostat features multiple heating and cooling modes with the ability to control humidity. The thermostat has two auxiliary inputs that can be used to measure air, floor or both in dual mode.





THM-0100 SINGLE STAGE HEAT/COOL Non-Programmable • Setpoint Control

This diverse single stage heating/cooling THM-0100 Non-Programmable Thermostat is also designed around a P.I.D. Algorithm theory and can also benefit applications requiring a single setpoint control.

In the single setpoint mode, the THM-0100 can be used to operate pumps, fancoils, and other equipment. A single on board auxiliary sensor will allow for internal room, external floor, or outdoor sensing options.



THM-0200 3 STAGE THERMOSTAT Single Stage Boiler Control • Programmable Thermostat

The THM-0200 is a 3 stage fully programmable PID logic thermostat. Beneficial features exclusive to the THM-0200 include setback options consisting of 5 weekday and 2 weekend programmable capabilities.

The thermostat also functions as a single stage boiler control with outdoor reset capability. The pump enable contact allows the THM-0200 to control the boiler pump as well.

FMS-0001 FLUSH MOUNT WALL SENSOR

The HBX (FMS-0001) Indoor Sensor mounts flush to the wall to give an unobtrusive look and acts as a hidden indoor sensor. The sensor can be connected to any HBX thermostat for remote temperature sensing. The sensor incorporates barbed clips for the sensor to fit securely into drywall. The sensor is corrosion resistant and can be painted to match the existing wall. The sensor is equipped with 1' lead of 22 AWG wire.

#### FEATURES

- Can be used as a single setpoint control
- Multiple temperature sensing modes: Room, Floor, Dual
- Includes external sensor with 10' lead
- Integrated 2 Amp dry contacts
- · Can be used as a digital aquastat

#### FEATURES

- Single boiler control capability
- · Multiple heating and cooling modes
- 5 & 2 day programming
- · Includes external sensor with 10' lead.
- 2H/1C, 1H/2C, H/H, H/C & C/C with fan

- · Compatible with any HBX thermostats
- 10K thermistor
- Hidden indoor sensing
- · Can be painted to match the existing wall

	Bedroom 🔺		110°	120°	
НВХ	Garage 6	78°	<b>*</b> •	* •	Î
	Basement ® Upstairs	82° 90°	t 🕑 CD HO	7 ® HD2	
CAUTION,	RISK OF ELECTRIC SHOL I NIFUT POWER PRIDR 1	эс. 19 автуустия	ATTENTION DEBHWICHE2 TO ETFECTUER UNE	I, RISQUE DE CHO DE LES PURSANCE REINNATION	CELECTROLE CREATREE POLIN
ZON-DI	600 INPE	1 5	ELAYS VAC 5A Nex		

#### **FEATURES**

- Control up to 4 individual zones per module
- Pump, valve and damper control
- Humidity control
- Fan control (on/off/intermittent)
- Zone priority
- Supports 2 Wire thermostat (THM-0600)
- Wi-Fi Enabled
- View zone temperatures and operation status on the main screen
- Full colour touch screen display
- Share demand communication between modules (wireless)
- Selectable pump output options
- External thermistor input to run a setpoint directly from the control
- Warm weather shut down

# **ZON-0600** WIFI ZONE CONTROL Pumps or Valves • Fancoil • Dampers • Humidity Control

This revolutionary control allows you to customize exactly your needs and wants for any application including radiant floor and forced air system control or a combination of both. The ZON-0600 can operate zone valves or zone pumps the choice is yours. Each module allows control up to 4 individual zones with the ability of wireless expansion between modules.

Each controller is now Wi-Fi enabled eliminating the need to use the Thermolinx Wi-Fi module for online connection. Each zone can be viewed or configured from your smartphone or tablet devices, allowing you to control your comfort anytime or anywhere.

With so many features integrated into the ZON-0600 the control allows for customized options including selectable pump and demand outputs, pre and post purge run times with exercising options, and the ability to tie in an auxiliary thermistor to run a setpoint directly off the ZON-0600 (ex. DHW setpoint without using the zone output).

The new design incorporates a new pairing process that utilizes an internal Wi-Fi protocol between modules that further extends the communication distance and reduces the chance of interference with other operating systems. This process also allows for communication for demands, dampers and their priorities, amongst one another.

# **SENSORLINX APP**

REMOTE ZONE MANAGEMENT WiFi Enabled Zoning Access

Used in conjunction with the SensorLinx Mobile App, The ZON-0600 makes comfort easy by allowing you to remotely monitor and adjust targets, schedules, alarms, and modes. The app can accommodate for unlimited amount of zones in one location with the ability to also control several locations on one account.





The ZON-0500 is an intelligent, microprocessor based zone control. Capable of controlling up to 4 zones per control, the ZON-0500 can be used as a standalone unit, in conjunction with the 0550 series or as an expansion module for the 1000 series controls, and can handle multiple priority selections.

The controller can be daisy-chained to provide unlimited coverage and flexibility for virtually any number of zones. The ZON-0500 allows for pump or valve control, and is capable of enabling a boiler.

# Expandable for Multiple Applications!



- Compatible with most 2,3 or 4 wire thermostats
- Expandable up to 36 zones
- 2 demand outputs
  - -1 TT/Cooling demand
  - -1 DHW/Heat demand
- System pump output
- Provides pump or valve control
- 24VAC or dry contact thermostat inputs
- Multiple priority options; dipswitch selectable
- Zone post purge and exercising

# Introducing SensorLin X™ Smart Sensor Solutions

The **SensorLinx™ Sensor System** is designed to measure the energy used or transferred in liquid heating applications, including HVAC, Solar Thermal

Heating and Geothermal. Utilizing precision matched temperature sensors provides excellent differential accuracy and in-line flow meters with a very wide turndown, they provide the accurate data required to calculate totalized usage and allocate cost.

## FEATURES

- Residential and commercial tenant billing
- Measure system pressure, flow, and temperatures for your supply and returns
- BTU graphs calculated based on Hour, Day, Week and Month
- Measure flow up to 105 GPM
- Wireless communication between sensors
- EN1434 Certification
- NSF 61 Certification

The SensorLinx<sup>™</sup> System is a customizable sensor solution incorporating the WFS Wi-Fi Flow & Temperature Sensor and the WPS Wi-Fi Pressure & Temperature Sensor. The sensors can be used individually to track many system parameter configurations to record daily, monthly and yearly totalized usage in real time using the HBX Thermolinx App.

and yearly totalized usage in roa and the second s



### **ENERGY METERING (BTU)**

When the SensorLinx<sup>™</sup> sensors are used in conjunction within your liquid system, the system allows for accurate BTU measurement and recording. The pre-paired sensors feature a wireless communication protocol between them.

### **TRIAC OUTPUT**

The control module incorporates a triac output for relay operation that will allow for equipment to turn on/off.

134.2

SUPPly Sens

**Vò** 

163.9

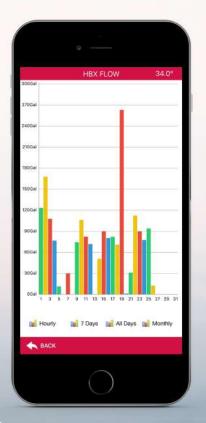
System Status

7042.04

18.18

13

15308.5





Used in conjunction with the ThermoLinx<sup>™</sup> Mobile App, users have access to real time data collection for system flow, pressure and temperatures with the ability to view graph calculated BTU's based on hour, day, week, and month.

> The Thermolinx app also allows to receive alarm notifications on your supply and return temperatures.

# SensorLin® MANAGEMENT PORTAL CONNECT. MEASURE. MONITOR. BILL.

The SensorLinx<sup>™</sup> Management Portal is a monitoring and billing solution for homeowners and building managers. The web based program provides individual tenant billing capabilities to ensure accurate and real time data for thermal heating/cooling and DHW billing consumption. The portal also provides raw or graphical data for heating BTU consumption as well system historical flow, temperature and pressure data with alarm notifications.

The management system solution automates the tenant billing process by eliminating manual meter readings for more accurate measurement and eliminates human error readings. The management system also allows building owners to customize and generate bill runs to tenants. Tenants will also have the ability to pay their utility bills through the management system portal. With direct tenant metering, tenants are more likely to reduce their energy usage which will reduce the cost savings and faster money recovery to the building owner.

#### Already Using another Building Management System?

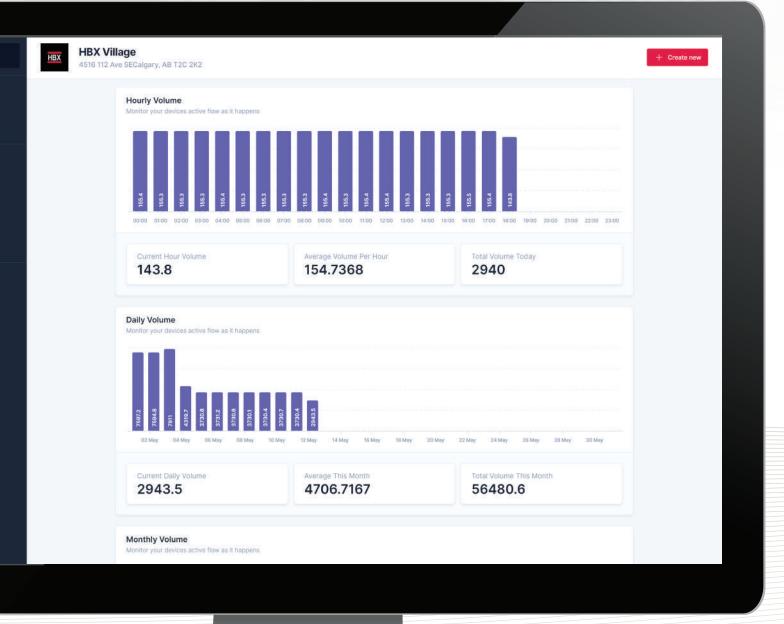
If you are already using a building management system the SensorLinx System also provides an API from our servers to provide all your data management request calls to your building management system. The API will also let the SensorLinx sensors communicate with BACnet or BMS systems.

#### **FEATURES**

- REAL TIME FLOW AND HEAT METERING DATA
- SYSTEM ALARM NOTIFICATION
- HISTORICAL DATA AND REPORTING
- MULTIPLE BUILDING MANAGEMENT

TENTANT BILLING CAPABILITIES

API CALLS TO THIRD PARTY SYSTEMS





# **CPU-0600** CENTRAL PROCESSING UNIT Staging • Mixing • Pump Sequencer • Differential Setpoint • Dual Setpoint

The CPU-0600 is a Wi-Fi enabled boiler control that covers a wide variety of applications from a single unit, reducing the number of different controls on your shelf. The CPU-0600 accommodates for Boiler Staging, System Mixing, Pump Sequencer, Dual and Differential Setpoint applications in a condensed package with extensive flexibility.

- Control up to 4 on/off boiler stages per controller
- Expandable up to 16 on/off boiler stages or 12 Modulating boilers
- Boiler lead lag and rotation on time or cycles
- Multiple pump control options (system, boiler, DHW)
- Outdoor temperature reset with WWSD
- Control up to 3 modulating boilers (0-10 VDC) per controller
- DHW control
- Boiler and DHW differential
- Multiple mixing control options (Injection, Mod, Floating)
- Full-Colour graphic display
- Wi-Fi Enabled with remote access through SensorlinxTM mobile app



#### **Multi-Staging**

The use of the CPU-0600 as a Boiler Control allows the capability to stage up to four (4) On/Off Boilers, or three (3) modulating Boilers with DHW (Domestic Hot Water) requirements using outdoor temperature reset. In addition it is capable of controlling a system pump, boiler and DHW pump.

#### **Mixing Control**

This mode is used when running mixing pumps or valves in your hydronic system. Mixing configurations include injection modulating (0-10 VDC), and floating action valve.

#### **Differential Setpoint Control**

In differential mode, the control will also send a modulating signal output based on how far the control is from the differential. This can be used to run a pump in modulating applications for constant flow.

#### Pump Sequencer Control

This mode is used to provide pump control for two pumps in a duty, standby situation. This control allows the system to sequence and cycle pumps, override pumps and turn the pumps off when the outdoor temperature goes above a certain value (WWSD). In this mode, a flow proof input and flow alarm can be utilized with the operation of your pumps.

#### **Dual Setpoint Control**

This mode is used when one or two independent setpoints are needed. Each setpoint is set up individually and each has its own thermistor input and relay outputs.

# SENSORLINX APP

REMOTE BOILER CONTROL WiFi Enabled Boiler Access

Used in conjunction with the free HBX Sensorlinx<sup>™</sup> mobile app, users can control and monitor their boiler system remotely from their smartphone devices with the ability to adjust system parameters, monitor system temperatures, equipment operation status and receive alarm notifications.





# SNO-0600 SNOW MELT CONTROL Snow Melt Systems, Simplified

The Wi-Fi enabled SNO-0600 Snow Melt Control operates Hydronic heating and electric equipment tom melt snow and/or ice from driveways, ramps, and walkway surfaces. The control consists of numerous exceptional features including settings for snowfall intensity as well as an adjustable delta T. The control can operate a single boiler while controlling a main system pump to supply heat to the slab. The control allows for multiple mixing options including injection, floating action and modulating (0-10 VDC).

march all a

#### **Reduce Idling and Save on Utilities**

The SNO-0600 now features weather forecasting in its programming. This allows the control to receive your local weather forecast to turn on your system in the anticipation of a snow storm. This will reduce the need to idle your slab all the time in the winter and save you a significant amount of money on your utility bills.

- · Wi-Fi enabled for remote access and monitoring
- Weather forecasting
- Controls injection pump or mixing valve (modulating 0-10vdc option)
- "Snowfall anticipation" setting & pre-set snowfall conditions
- Boiler enable
- · Warm and cold weather shutdown
- Multi zone operation
- Multi Slab function (standby, Idle, Melt)



# **SNO-0110** OPTICAL SNOW MELT SENSOR Scratch-Resistant, Remote Mountable Optical Snow Sensor

The SNO-0110 snow melt sensor is unique to the hydronic industry. This sensor uses optics rather than the typical metal components to sense the presence of snow/ice.

The sensor provides the SNO-0600 with information on snowfall intensity, and allows for multiple snowfall sensitivity settings, which can result in cost savings to the home owner. This sensor requires the SNO-0111 Sensor Enclosure in order to be installed in-slab (sold separately).

## **FEATURES**

- **Optical Snow Sensing Technology**
- 100' Optical sensor (can be cut to any length required or . extended up to 200')
- Scratch-resistant polymer cover •
- Remote mountable design
- Leveling locations on sensor base
- Includes 2 universal 10k brass sensors and 1 outdoor sensor

### SENSORLINX APP REMOTE SNOW MELT SYSTEM CONTROL WiFi Enabled Snow Melt Access

Used in conjunction with the free HBX Sensorlinx<sup>™</sup> mobile app, users can control and monitor their snow melt system remotely from there smartphone devices with the ability to set snow fall rates, system targets, monitor equipment operation, and adjust weather forecasting demands.





# **ECO-0600** GEOTHERMAL CONTROL Dual Tank • Heat Pumps • Chiller • Reversing Valve • Backup

The ECO-0600 is designed to be a stand –alone outdoor reset control device. The purpose and function of the ECO-0600 is to provide control for geothermal applications with the ability control equipment in a 2 pipe, single or dual tank, hydronic heating or cooling system.

The ECO-0600 can control up to four (4) heat pump stages (air-to-water or water-water) or chillers and a reversing valve with outdoor temperature reset control.

This powerful control can control a backup heat source (boiler) while operating three (4) heat pump stages. The backup heat source can be brought on with a few different options based on outdoor or tank temperatures. The control can manage single tank or dual tank applications with separate hot and cold tanks. The control also features DHW (domestic hot water) control with any application.



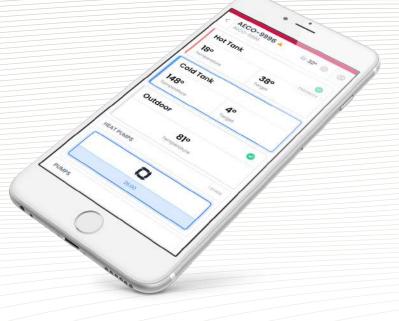
## FEATURES

- Control up to 4 heat pump stages
- Backup boiler control
- Single or dual tank modes
- DHW control
- Runs reversing valve or 3 way mixing valves
- Lead lag on heat pumps
- · Heat pump rotation on time or cycles
- Outdoor temperature reset
- System and hot/cold tank pumps control with exercising and post purge options

# **SENSORLINX APP**

REMOTE GEOTHERMAL SYSTEM CONTROL WiFi Enabled Geothermal System Access

Used in conjunction with the free HBX Sensorlinx<sup>™</sup> mobile app, users can control their geothermal system remotely from there smartphone or tablet devices with the ability to adjust heat pump and backup parameters, monitor tank temperatures, equipment operation status and receive alarm notifications.







This wireless outdoor sensor goes against all conventional wireless technology. While others communicate only with their own devices, the WAV-0110 is able to connect to most controls that use a thermistor input for its outdoor sensing.

Because of this revolutionary technology, the WAV-0110 can connect to boilers, reset controls, thermostats and many other devices. This makes the WAV-0110 perfect for retrofits as well as new installs.

### FEATURES

- 500/5k/10k/12k thermistor options built in; dipswitch selectable
- 2000 foot open air range (2.4 GHz Frequency)
- Minimum 2 year battery life 2 AA's (included)
- No electrician needed to wire up (saves time and money)
- Pair up to 5 devices with one outdoor sensor
- · Signal strength indicator
- · Battery life indicator

Setting	Boiler Model  • Viessmann Vitodens- 100W		Control Model  • Heat Timer (excluding EPU-CH)	
5K				
10K	<ul> <li>Laars Mascot</li> <li>Laars Neotherm</li> <li>Viessmann (excluding Vitodens-100W)</li> <li>Lochinvar</li> <li>Camus</li> <li>ATH</li> <li>Navien</li> <li>Buderus GB Series</li> </ul>	<ul> <li>Allied SG, AAA &amp; Electric</li> <li>IBC SL, VFC</li> <li>Slant/Fin CHS</li> <li>NTI Trinity &amp; Vmax</li> <li>Raypak</li> <li>RBI</li> <li>Smith Boiler</li> </ul>	<ul> <li>Honeywell AQ2000</li> <li>Uponor CCN</li> <li>Taco iWorx</li> <li>HBX Controls</li> </ul>	
12K	Peerless Purefire     IBC DC & HC Series     Triangle Tube Prestige Solo &     ACVMax     HTP Elite	<ul> <li>Allied HSE</li> <li>Bosch Greenstar</li> <li>Weil-McLain Ultra Series 3, Evergreen &amp; 97+</li> <li>Slant/Fin Lynx</li> <li>Slant/Fin Jaguar</li> </ul>		

## Supported Product Examples



# **ORC-0100** OUTDOOR RESET CONTROL Single Stage Boiler Control

The ORC-0100 is designed to be an energy-saving automatic control for hot water boilers. The ORC-0100 measures the outside air

temperature and re-adjust the heating system water to a minimum

# water temperature to satisfy the heat loss of the home or building.

**FEATURES** 

- Reduces fuel usage Approx. 15%
- Stable indoor temperature
- Reduces thermal shock
- Constant water circulation
- Reduced piping expansion noise
- WWSD (Warm Weather Shut Down)
- System pump pre-purge
- System pump post-purge
- DHW priority (60 minutes)



- Single On/Off Boiler Control
  - Sensors Included

(2)

- 24V Power Supply
- **Boiler Pump Contact** 
  - **DHW** Capabilities
    - **DHW** Priority
- **Single Screen Programming**
- Large Full-Graphic Display

#### **Backlit Display**



# HBX TRAINING TRAINING SESSIONS & WEBINARS

HBX Controls offers a complete training experience with our online technical training webinar and is intended for contractors, designers and wholesalers. The one –hour training sessions include Boiler, Geothermal, Solar Thermal, Radiant and Forced Air Zoning, and Snow Melting controllers that are conducted by HBX personnel. All HBX Controls webinars are complimentary, but registration is required for real-time attendance. After registering, you will be immediately forwarded a confirming email containing login details for attending the webinar.

When training time comes, grab a coffee, tune in and learn more about HBX Controls innovative products and how they can add value to your radiant system. We also offer personal and group training sessions, which can be set up by appointment via our HBX Website Contact page or contact your local HBX representative.



## Video Library

HBX Controls also has a full video library on the HBX Controls website dedicated to troubleshooting, programming, and control installation. In addition to videos, we have literature pertaining to all of our controls in our Resources section, as well as customer service available during normal working hours.

# TECHNICAL SUPPORT +1 (855) 410 2341 SUPPORT@HBXCONTROLS.COM

# **Product Listings**

# **CONTROLS & MODULES**

Product Name	Description
CPU-0600*	WIFI ENABLED STAND ALONE BOILER CONTROL
ECO-0600*	WIFI ENABLED STAND ALONE GEOTHERMAL CONTROL
ORC-0100*	OUTDOOR RESET CONTROL
WAV-0110	WIRELESS OUTDOOR CONTROL
ZON-0500	STAND ALONE/EXPANSION MODULE/ZONE CONTROL
ZON-0600	WIFI ENABLED ZONE CONTROL

### **SNOW CONTROLS & MODULES**

Product Name	Description
SNO-0600	WIFI ENABLED STAND ALONE SNOW MELT CONTROL
SNO-0110	OPTICAL SNOW MELT SENSOR & 100' CABLE
SNO-0111	SNOWMELT SENSOR SOCKET & DUD COVER PLATE
029-0049	REMOTE PLASTIC DIPPED SENSOR

## **THERMOSTATS**

Product Name	Description
ΔTHM-0100	NON-PROGRAMMABLE THERMOSTAT
ΔTHM-0200	PROGRAMMABLE THERMOSTAT
ΔTHM-0600	WIFI ZONING TOUCH SCREEN THERMOSTAT

## ACCESSORIES

-			
	Product Name	Description	Heat Meters
	OUT-0100	OUTDOOR SENSOR	BTU-0014-S
	029-0022	UNIVERSAL BRASS SENSOR	BTU-0030-S
	029-0032	UNIVERSAL STAINLESS SENSOR	BTU-0070-S
	029-0045	10' UNIVERSAL STAINLESS SENSOR	BTU-0130-S
	FMS-0001	FLUSH MOUNT SENSOR	BTU-0014-C
	REL-2000	DPDT RELAY SOCKET	BTU-0030-C
	REL-2024	DPDT RELAY 24V COIL 10A	BTU-0070-C
	REL-2120	DPDT RELAY 120V COIL 10A	BTU-0130-C
	REL-4000	4PDT RELAY SOCKET	BTU-0400-C
	REL-4024	4PDT RELAY 24V COIL 5A	* Marked Controls include Universal Sensors (x2) (029-0022), Remote Outdoor sensor (x1) (OUT-0100), Terminal
R	REL-4120	4PDT RELAY 120V COIL 5A	Screwdriver (2.5mm), Cable ties (x2), Manual (x1)

## **SENSORS & ACCESSORIES**

Product Name	Description		
Flow & Temperature Meters			
WFS-0020-S	STAINLESS FLOW METER (FLOW 0.26-5.28 GPM)		
WFS-0040-S	STAINLESS FLOW METER (FLOW 0.52-10.6 GPM)		
WFS-0100-S	STAINLESS FLOW METER (FLOW 1.32-26.4 GPM)		
WFS-0200-S	STAINLESS FLOW METER (FLOW 2.64-52.8 GPM)		
WFS-0020-C	COMPOSITE FLOW METER (FLOW 0.26-5.28 GPM)		
WFS-0040-C	COMPOSITE FLOW METER (FLOW 0.52-10.6 GPM)		
WFS-0100-C	COMPOSITE FLOW METER (FLOW 1.32-26.4 GPM)		
WFS-0200-C	COMPOSITE FLOW METER (FLOW 2.64-52.8 GPM)		
WFS-0400-C	COMPOSITE FLOW METER (FLOW 5.28-106 GPM)		
Pressure & Temperature Meters			
WPS-0020-S	STAINLESS PRESSURE METER (FLOW 0.26-5.28 GPM)		
WPS-0040-S	STAINLESS PRESSURE METER (FLOW 0.52-10.6 GPM)		
WPS-0100-S	STAINLESS PRESSURE METER (FLOW 1.32-26.4 GPM)		
WPS-0200-S	STAINLESS PRESSURE METER (FLOW 2.64-52.8 GPM)		
WPS-0020-C	COMPOSITE PRESSURE METER (FLOW 0.26-5.28 GPM)		
WPS-0040-C	COMPOSITE PRESSURE METER (FLOW 0.52-10.6 GPM)		
WPS-0100-C	COMPOSITE PRESSURE METER (FLOW 1.32-26.4 GPM)		
WPS-0200-C	COMPOSITE PRESSURE METER (FLOW 2.64-52.8 GPM)		
WFS-0400-C	COMPOSITE FLOW METER (FLOW 5.28-106 GPM)		
Heat Meters			
BTU-0014-S	STAINLESS BTU METER (FLOW 0.30-3.69 GPM)		
BTU-0030-S	STAINLESS BTU METER (FLOW 0.70-7.92 GPM)		
BTU-0070-S	STAINLESS BTU METER (FLOW 1.84-18.49 GPM)		
BTU-0130-S	STAINLESS BTU METER (FLOW 3.43-34.34 GPM)		
BTU-0014-C	COMPOSITE BTU METER (FLOW 0.30-3.69 GPM)		
BTU-0030-C	COMPOSITE BTU METER (FLOW 0.70-7.92 GPM)		
BTU-0070-C	COMPOSITE BTU METER (FLOW 1.84-18.49 GPM)		
BTU-0130-C	COMPOSITE BTU METER (FLOW 3.43-34.34 GPM)		
BTU-0400-C	COMPOSITE BTU METER (FLOW 5.28-106.0 GPM)		
Universal Sensors (x2) (029-0022), Remote	* Marked Controls Include Universal Sensors (x1) (029-0022), 32-Pin Connector (x1). Terminal Screwdriver		

Connector (x1), Terminal Screwdriver

(2.5mm)

Distributed By:

If you are interested in becoming an authorized HBX Controls agent, please call or email us.



# www.HBXControls.com

HBX Control Systems Inc.
 4516 - 112th Avenue SE
 Calgary, Alberta
 Canada T2C 2K2

+1 (403) 720 0029 +1 (855) /10 23/1

**1** +1 (855) 410 2341

+1 (403) 720 0054 info@hbxcontrols.com f

You

/hbx\_controls

/HBXControls

/user/HBXControlSystems