



Control Systems Inc.



ECO-1000



The HBX ECO-1000 is a dual mode control with separate programming and control parameters for geothermal and solar thermal applications.

Geothermal Control

The HBX ECO-1000 Geothermal control is an expandable, heat pump/ chiller staging solution. With fully automatic reversing valve control, the ECO-1000 can manage single tank applications as well as applications with separate hot and cold tanks.

By utilizing feedback from an outdoor air temperature sensor (included) the ECO-1000 will reset the hot tank target temperature, which will decrease operating costs while increasing compressor life time.

With the use of expansion modules, the ECO-1000 is also capable of maintaining auxiliary system tanks (DHW preheat), pools and other heating and cooling loads.

Solar Control

The ECO-1000 also has a separate solar thermal control mode for operating large, multi collector applications. As a solar thermal control, the ECO-1000 is cable of operating 4 tanks at different temperatures, and also provides solar booster pump control.

- Stages and rotates up to 14 single stage heat pumps
- Single or dual tank applications
- Operates reversing and/or 3-way diverting valves
- Specific auxiliary heat programming parameters
- Warm/Cold weather shutdown feature
- Outdoor reset technology
- Internet connectivity

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