

iWorx[®]
by Taco Electronic Solutions

HPU3

Controller



**Web-based building
management made easy**

HPU3 CONTROLLER

Feature	Benefit
Controls a liquid source heat pump with 2 stage compressor, reversing valve and fan	Can be used on most liquid source heat pumps.
Space temperature control with setpoints for occupied/unoccupied heating and cooling	Provides year round comfort. Setpoints are adjustable at the thermostat. Fan override and occupancy override are provided at the thermostat level.
Reversing valve control	Automatically positions the reversing valve to switch from heating to cooling positions based on space temperature demand.
Intelligent sequencing	Compressor stages are sequenced with a time proportioned algorithm to minimize excessive cycling. Prolongs equipment life.
System status monitoring and safety interlocks	Digital input monitors the status of the equipment within the unit. An external contact can be wired to the input to provide additional equipment safety interlocks. Provides equipment protection and network alarm notification when a fault is detected. Prolongs equipment life and ensures proper system operation.

HPU3 CONTROLLER

Feature	Benefit
Global unit enable for plant synchronization	Provides integration with the main plant water supply when this feature is enabled. An external flow switch provides supply water flow status which is communicated over the network to ensure proper system operation.
Dehumidification	Maintains indoor space comfort at a lower temperature setpoint, reducing energy costs.
High and low pressure alarm inputs	Able to remotely monitor and protect mechanical equipment.
Associates with LHP, CCU series controllers	Multiple water plant resources available
Ability to associate with GHP series controller	Provides ground temperature water in the greatest possible energy efficiency.
Power Transducer Input	Allows HVAC system to monitor, track and log power consumption.



Visit www.taco-hvac.com for more information about the iWorx® product line.

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