

iWorx[®]
by Taco Electronic Solutions

HPU2 Controller



**Web-based building
management made easy**

HPU2 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.
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.



Taco Electronic Solutions, Inc., 1160 Cranston Street. Cranston, RI 02920 / (401) 942-8000 / Fax (401) 942-2360
Taco (Canada) Ltd., 8450 Lawson Road, Unit #3, Milton, Ontario L9T 0J8 / (905) 564-9422 / Fax (905) 564-9436
www.taco-hvac.com

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