

iWorx[®]
by Taco Electronic Solutions

MPU Controller



**Web-based building
management made easy**

Feature	Benefit
<p>Controls multiplexed zone package units or air handlers for multi zone applications</p>	<p>Can be used with packaged rooftop units or other heat/cool equipment to provide multi zone control when used with iWorx VAV controllers.</p> <p>Provides application flexibility for both air and hydronic systems while lowering control and equipment costs.</p>
<p>Multiple output capability</p>	<p>Can control up to 4 stages of cooling and 2 stages of heating or floating point control valves or modulated outputs such as valves or variable speed circulators.</p> <p>Allows the system to be field configured without programming or external hardware to reduce system and installation costs.</p>
<p>Provides multiplexed control of up to 32 zones based on zone demand</p>	<p>Uses iWorx smart logic. Looks at temperature differentials and automatically sets the system in either the heating or cooling mode based on aggregated zone demands and their differentials from selected setpoints.</p> <p>Provides constant comfort with automatic system changeover from one controller.</p> <p>Reduces equipment and installation costs.</p>
<p>Smart zone demand</p>	<p>Automatically adjusts the supply air temperature setpoint based on greatest zone demand.</p> <p>Assures that all occupants and zones reach desired comfort levels in heating and cooling modes.</p>
<p>Provides constant indoor comfort with dehumidification and IAQ capabilities</p>	<p>Important building parameters (e.g. humidity, temperatures) and occupant comfort are assured in any operating environment, reducing occupant complaints.</p>
<p>Integrated bypass damper output</p>	<p>Operates a modulated bypass damper to provide the correct air flow to conditioned spaces. Reduces fan noise, and improves occupant comfort.</p> <p>Feedback signal from each zone thermostat assures that system output is fully integrated so, for example, it's not bringing on more CFM than needed (single demand with modulated air).</p>



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