

iWorx®

by Taco Electronic Solutions

VAVD & VAVI Controllers



Web-based building management made easy

VAVD & VAVI CONTROLLERS

Feature	Benefit
<p>Handles either pressure dependent (VAVD), pressure independent (VAVI) terminal box, including Series and Parallel Fan Powered Boxes</p>	<p>Allows terminal boxes to be controlled in either configuration for application flexibility.</p> <p>Perfect in new installations or retrofits of existing VAV system.</p> <p>ECM (0-10VDC) Fan Control Option for Fan Powered Boxes.</p>
<p>Field Replaceable Actuator</p>	<p>45 in-lb Torque, Field Replaceable Actuator accepts up to 5/8" shafts.</p> <p>Allows for installation flexibility and field serviceability.</p>
<p>Stand alone mode for independent operation</p>	<p>Allows configuration of a VAV terminal box without network connections where stand alone VAV operation is desired.</p> <p>Makes retrofits easy to install and reduces installation costs in new applications by eliminating additional controllers and hardware. Can be networked at a later date, if desired.</p>
<p>Integrates with Multiplex Package Unit controller (MPU) or Variable Air Volume Package Unit controller (VPU) for VAV or VVT applications.</p>	<p>Allows installation on any system type for either true VAV control or a VVT application.</p> <p>Eliminates programming and configuring in either application mode. Provides precision control for maximum comfort and reduced system costs.</p>
<p>Commissions to the network from the thermostat</p>	<p>Eliminates hours of installation time and manpower needed to commission a VAV or VVT system.</p> <p>Eliminates the need to be at the VAV box to pin and configure the controller. Controller appears on the network by simply depressing the override key for 10 seconds.</p> <p>Reduces labor and disruption in occupied areas during setup or service. TS100 & 300 sensors can be used.</p>

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<p>Integrates with local heat sources for first stage of heating</p>	<p>Can be used with radiant/hydronic systems to provide first stage heat from a hydronic source and second stage heating from an air system.</p> <p>Provides integrated control of both hydronic and air systems when used in combination.</p> <p>Reduces system confusion, improves comfort and significantly reduces control costs.</p>
<p>Provides 2 stages of electric reheat or floating point or modulating valve outputs for reheat valves</p>	<p>Allows the VAV controller to be used with a wide variety of reheat sources (e.g. boiler, geothermal) for maximum application flexibility on most common system types.</p>
<p>Multiple thermostat selection</p>	<p>Allows the VAV controller to be used with the iWorx series TS100 and TS300 thermostats, or 10K Precon type II and III thermistors.</p> <p>Adapts to any system requirement and lowers installation costs.</p>
<p>Indoor air quality compensation</p>	<p>Automatically adapts the output when indoor air quality sensing is used to ensure that proper IAQ is maintained under all circumstances.</p> <p>Provides more comfortable and safer indoor environments.</p>



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

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