

## VoxTechnologies Environmental Enclosure Boxes.

Item#	Dimensions, in. Weight, lbs.	Description
<b>Standard Enclosures</b>		
VTC3353	13 x 16 x 8 25 lbs.	NEMA3R Rating Metal Enclosure Box. FAN: 80-100CFM / 115VAC / 0.20-0.18AMP / 20Watt / 50-60HZ HEATER: 30Watt /115VAC Temperature Sensor: Normally-Open / 30-140F range / 120VAC Temperature Sensor: Normally-Closed / 30-140F range / 120VAC Available with 1in. or 2in. shrouds.
VTC3354	20 x 20 x 12 50 lbs.	NEMA3R Rating Metal Enclosure Box. FAN: 80-100CFM / 115VAC / 0.20-0.18AMP / 20Watt / 50-60HZ HEATER: 50Watt /115VAC Temperature Sensor: Normally-Open / 30-140F range / 120VAC Temperature Sensor: Normally-Closed / 30-140F range / 120VAC
VTC3355	30 x 24 x 20 115 lbs.	NEMA3R Rating Metal Enclosure Box. FAN: 80-100CFM / 115VAC / 0.20-0.18AMP / 20Watt / 50-60HZ HEATER: 100Watt /115VAC Temperature Sensor: Normally-Open / 30-140F range / 120VAC Temperature Sensor: Normally-Closed / 30-140F range / 120VAC 19 in. Rack Mounting included. Power UPS equipment – optional.
VTC3356	30 x 24 x 20 175 lbs.	NEMA4 Rating Metal Enclosure Box. HEATER: 100Watt /115VAC Temperature Sensor: Normally-Closed / 30-140F range / 120VAC 19 in. Rack Mounting included. Full Air-Condition 115VAC / 50-60Hz 131F/131F - 1400/1600 BTU/Hr; 4.1/4.5Amps 95F/95F - 1500/1700 BTU/Hr; 3.8/3.6Amps Power UPS equipment – optional.
<b>Examples of Customized Enclosures.</b>		
VTC3357	13 x 15 x 8	NEMA4X Rating Fiberglass Enclosure Box.
VTC3358	13 x 15 x 8	NEMA2 Rating Fiberglass Enclosure Box. FAN: IP54 / 60CFM / 115VAC / 0.22AMP / 20Watt / 50-60HZ Temperature Sensor: Normally-Open / 30-140F range / 120VAC
VTC3359	13 x 15 x 8	NEMA4X Rating Fiberglass Enclosure Box. HEATER: 30Watt /115VAC Temperature Sensor: Normally-Closed / 30-140F range / 120VAC
VTC3360	13 x 15 x 8	NEMA2 Rating Fiberglass Enclosure Box. FAN: IP54 / 60CFM / 115VAC / 0.22AMP / 20Watt / 50-60HZ HEATER: 30Watt /115VAC Temperature Sensor: Normally-Open / 30-140F range / 120VAC Temperature Sensor: Normally-Closed / 30-140F range / 120VAC
VTC3361	12.5 x 11 x 6.5	NEMA4X Rating Fiberglass Enclosure Box.



Pic.1. VTC3353 Enclosure with.  
2in shrouds



Pic.2. VTC3355 Enclosure with Power UPS,  
Switch and Tsunami Bridge.



Pic.3 VTC3362 Enclosure with Power UPS and AP



Pic.4 Customized Enclosure 12.5 x 11 x 6.5 in. with AP and Amplifier.



Pic.5. Customized Enclosure VTC3358 with Wireless Access Point.

## **Definitions**

**[from NEMA 250-1997]**

In Non-Hazardous Locations, the specific enclosure Types, their applications, and the environmental conditions they are designed to protect against, **when completely and properly installed**, are as follows:

**Type 1** - Enclosures constructed for indoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment and to provide a degree of protection against falling dirt.

**Type 2** - Enclosures constructed for indoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment, to provide a degree of protection against falling dirt, and to provide a degree of protection against dripping and light splashing of liquids.

**Type 3** - Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt, rain, sleet, snow, and windblown dust; and that will be undamaged by the external formation of ice on the enclosure.

**Type 3R** - Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt, rain, sleet, and snow; and that will be undamaged by the external formation of ice on the enclosure.

**Type 3S** - Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt, rain, sleet, snow, and windblown dust; and in which the external mechanism(s) remain operable when ice laden.

**Type 4** - Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt, rain, sleet, snow, windblown dust, splashing water, and hose-directed water; and that will be undamaged by the external formation of ice on the enclosure.

**Type 4X** - Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt, rain, sleet, snow, windblown dust, splashing water, hose-directed water, and corrosion; and that will be undamaged by the external formation of ice on the enclosure.

**Type 5** - Enclosures constructed for indoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt; against settling airborne dust, lint, fibers, and flyings; and to provide a degree of protection against dripping and light splashing of liquids.

**Type 6** - Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide

a degree of protection against falling dirt; against hose-directed water and the entry of water during occasional temporary submersion at a limited depth; and that will be undamaged by the external formation of ice on the enclosure.

**Type 6P** - Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt; against hose-directed water and the entry of water during prolonged submersion at a limited depth; and that will be undamaged by the external formation of ice on the enclosure.

**Type 12** - Enclosures constructed (without knockouts) for indoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt; against circulating dust, lint, fibers, and flyings; and against dripping and light splashing of liquids.

**Type 12K** - Enclosures constructed (with knockouts) for indoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt; against circulating dust, lint, fibers, and flyings; and against dripping and light splashing of liquids.

**Type 13** - Enclosures constructed for indoor use to provide a degree of protection to personnel against incidental contact with the enclosed equipment; to provide a degree of protection against falling dirt; against circulating dust, lint, fibers, and flyings; and against the spraying, splashing, and seepage of water, oil, and noncorrosive coolants.