

## Heat Trace Tote Tank / IBC Freeze Protection Insulation

**FreezePro® Frost Protection Systems** deliver a barrier of uniform, directional heat where it is needed most - to tanks, pipelines, drums, buckets, IBC totes, and other temperature sensitive equipment. The advanced, all-in-one design of FreezePro® eliminates the need for multiple product purchases and simplifies the entire implementation process while saving time and money. The end result is an efficient heating solution with the most cost-effective method for minimizing damage caused by harsh or freezing temperatures.

**FreezePro® Tote Tank** Insulation Jackets are designed to ensure temperature stability for temperature-sensitive products during the transport, handling and storage of chemicals, fluids, and bulk materials.

**NOTE:** FreezePro® Tote Jackets do not come with an insulated lid. FreezePro® Tote Lids must be ordered/purchased separately. FreezePro® Tote Lids also fit certain sizes so make sure you are buying the right size for your FreezePro® Tote Jacket.

<b>ITEM</b>	Frost Protection Insulation	<b>FASTENING SYSTEM</b>	Polypropylene Webbing, Plastic Side-Release Buckles
<b>LENGTH</b>	192in / 4877mm	<b>APPROX. "R" FACTOR</b>	.48
<b>HEIGHT</b>	48in / 1219mm	<b>TEMPERATURE RANGE</b>	-40°F / -40°C to 200°F / 93°C
<b>THICKNESS</b>	0.5in / 12.7mm	<b>COLOR</b>	Black
<b>INSULATION MATERIAL</b>	EPDM Rubber Foam	<b>WEIGHT</b>	50lbs. / 23kg
<b>JACKET MATERIAL</b>	PVC Fabric	<b>FIT</b>	Universal
<b>DIAMETER RANGE</b>	N/A	<b>CIRCUMFERENCE RANGE</b>	0in-192in / 0mm-4877mm
<b>WATTS</b>	540	<b>AMPS</b>	4.5
<b>VOLTAGE</b>	120	<b>POWER CORD TYPE</b>	(18 AWG) 3- Prong Grounded Plug

**HEATING  
CABLE LENGTH** 720in /  
18288mm

**COLD LEAD  
LENGTH** 34.4in / 950mm

## **Ranco ETC Temperature Controller**

The Ranco ETC is a microprocessor-based electronic temperature control designed to provide on/off control for commercial heating, ventilating, air conditioning, and refrigeration. The ETC is equipped with a liquid crystal display (LCD) that provides a constant readout of the sensed temperature, and a touch keypad that allows the user to easily and accurately select the set point temperature, differential and heating/cooling mode of operation. The ETC NEMA Type 4X control can accept either 120 or 208/240 VAC input power.

<b>TEMPERATURE RANGE:</b>	-30°F to 220°F
<b>DIFFERENTIAL RANGE:</b>	1°F to 30°F
<b>INPUT VOLTAGE:</b>	120 or 208/240VAC, 50/60 Hz
<b>PILOT DUTY:</b>	125 VA at 120/208/240 VAC
<b>SENSOR:</b>	Thermistor, 1.94in. long x 0.25in. diameter with 8 ft. cable
<b>CONTROL AMBIENT TEMPERATURE (OPERATING):</b>	-20°F to 140°F (-29°C to 60°C)
<b>CONTROL AMBIENT TEMPERATURE (STORAGE):</b>	-40°F to 146°F (-40°C to 80°C)
<b>AMBIENT HUMIDITY:</b>	0 to 95% RH (Non-Condensing)
<b>ENCLOSURE:</b>	NEMA Type 4X Outdoor. Plastic
<b>DIMENSIONS:</b>	6.52" high x 2.7" wide x 2.48" deep
<b>WEIGHT:</b>	2.88lbs. / 1.31kg
<b>AGENCY APPROVALS:</b>	UL listed file E94419, Guide XAPX, CSA certified, file LR68340, class 4813 02

<b>RELAY OUTPUT RATINGS- NO (NC)</b>	<b>120V</b>	<b>208/240V</b>
Full load amps	16 (5.8) A	8 (2.9) A
Locked rotor amps	96 (34.8) A	48 (17.4) A
Resistive amps	15 (5.8) A	8 (2.9) A
Horsepower	1 (1/4) HP	1 (1/4) HP

**OPTIONAL ACCESSORIES:**

- [FreezePro® Tote Tank Insulated Lids](#)