

# Titan Trap™ Vacuum Cold Trap

## Applications

- ▶ Protection of oil-sealed vacuum pumps
- ▶ Gel drying
- ▶ Evaporators
- ▶ Dryers
- ▶ Dehydration of gas streams

## Benefits

- ▶ Increases surface area available for trapping
- ▶ Resists corrosion
- ▶ Automates process including vacuum pump activation and defrost/shut-down routine
- ▶ Conserves space
- ▶ Provides visibility and corrosion resistance



Call **800-824-0400**  
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***Maximum efficiency for vacuum trapping of corrosive vapors to -100°C***



TT4105

## Features at a Glance

- Helical-wound, ultra-low temperature refrigerated titanium coil
- Titanium coil and PTFE-coated stainless steel chamber
- Corrosive resistant drain
- Optional microprocessor
- Ultra-compact units
- Safety-coated glass dome top
- Accommodates vacuum pump flow rates up to 250 liters per minute (9 scfm)

## Model Specifications<sup>1</sup>

	TT455	TT855	TT4105	TT8105
Maximum Low Temperature °C	-50	-50	-100	-100
Chamber Volume (liters)	4	8	4	8
Trapping Rate (liters/24 hours)	3	5	3	5
Compressor	1/4 hp	1/3 hp	Two @ 1/4 hp	Two @ 1/4 hp
Controls standard: option:	On/Off Microprocessor	On/Off Microprocessor	On/Off Microprocessor	On/Off Microprocessor
Indication °C standard: option:	1 0.1 with MP	1 0.1 with MP	1 0.1 with MP	1 0.1 with MP
Dimensions W x D x H inches cm	15.5 x 24 x 13 <sup>2</sup> 39 x 61 x 33	15.5 x 24 x 13 <sup>2</sup> 39 x 61 x 33	19 x 24 x 13 <sup>2</sup> 48 x 61 x 33	19 x 24 x 13 <sup>2</sup> 48 x 61 x 33
Weight lbs/kg	55/25	55/25	85/39	85/39
Electrical <sup>3</sup>	120V/60 Hz/14A	120V/60 Hz/14A	120V/60 Hz/17A	120V/60 Hz/17A

1. Titan traps include safety-coated glass top.
2. Allow an extra 6" in height to include the glass top.
3. 220V/50 Hz also available. Decreases heat removal by 17%.



*Committed to Product Excellence...and Continuous Support*

**SP Industries**

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