

STAIR SNOW MELTING QUOTE REQUEST FORM

Date: _____

Customer Name: _____

Phone: _____

Fax: _____

Project Name: _____

Project Location: _____

Project Phase: _____

Quote Due By: _____

1. What voltages are available?

- 120
- 208
- 240
- 277
- 480

2. What type of stairs are you snow melting?

- Concrete
- Metal Pan
- Other, Please Specify: _____

3. How many steps are there?

What is the width of each step: _____

What is the depth of each step: _____

What is the riser height of each step: _____

4. What are the dimensions of any landings?

_____ Length x _____ Width

_____ Length x _____ Width

_____ Length x _____ Width

5. Are the stairs open to moving air below?

- Yes
- No

6. Will the stairs be insulated?

- Perimeter Only
- Below Only
- Insulated Below And Insulated Around Perimeter
- No Insulation

7. Would you like us to quote M.I. cable or Step Snow Melting Mats?

- M.I. Dual Conductor Snow Melting Cable Assembly
- Step Snow Melting Mats
- Please Recommend

8. What is the distance to the nearest junction box or control? _____

9. What type of control would you like us to quote?

- MPS
- MPS, MP slab sensor
- DTC120-S
- DTC120-PS
- Please Recommend

10. What type of panel do you need?

- GFPE Power Relay Panel
- Enclosed Contactor Panel
- Custom Control/Monitor Panel
- Please Recommend
- Do Not Need A Panel

Comments:

Please fax this form to: (847) 526-4456

On-line form can be submitted on www.delta-therm.com

**PLEASE FAX OR E-MAIL INFO@DELTA-THERM.COM
A DRAWING OF THE STAIR(S)**

SLAB SNOW MELTING QUOTE REQUEST FORM

Date: _____
Customer Name: _____
Phone: _____
Fax: _____

Project Name: _____
Project Location: _____
Project Phase: _____
Quote Due By: _____

1. What voltages are available?
 - 120
 - 208
 - 240
 - 277
 - 480
2. What type of slab are you snow melting?
 - Pedestrian Usage
 - Vehicular Usage
 - Handicap Ramp
 - Emergency
 - Tire Tracks
3. What type of material will you be embedding the cable or mat in?
 - Concrete
 - Asphalt
 - Concrete Beneath Pavers
 - Sand Bed Beneath Pavers
4. What are the dimensions for the area(s) to be melted?
_____ Length X _____ Width
_____ Length X _____ Width
_____ Length X _____ Width
5. Does the slab contain expansion joints?
 - Yes, Please Specify _____
 - No
6. Is the slab open to moving air below?
 - Yes
 - No

7. Will the slab be insulated?
 - Perimeter Only
 - Below Only
 - Insulated Below And Insulated Around Perimeter
 - No Insulation
8. Would you like us to quote M.I. cable or Snow Melting Mats?
 - M.I. Single Conductor Snow Melting Cable Assembly
 - Snow Melting Mats
 - Please Recommend
9. What is the distance to the nearest junction box or control?

10. What type of control would you like us to quote?
 - MPS With RG Sensor
 - MPS With MP Slab Sensor
 - DTC120-S
 - DTC120-PS
 - Please Recommend
11. What type of panel do you need?
 - GFPE Power Relay Panel
 - Enclosed Contactor Panel
 - Custom Control/Monitor Panel
 - Please Recommend
 - Do Not Need A Panel

Comments: _____

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**PLEASE FAX OR E-MAIL INFO@DELTA-THERM.COM
A DRAWING OF THE SLAB(S)**



FLOOR WARMING QUOTE REQUEST FORM

Date: _____

Customer Name: _____

Phone: _____

Fax: _____

Project Name: _____

Type of Area to be Heated: _____

Project Location: _____

Project Phase: _____

Quote Due By: _____

1. What voltages are available?

- 120
- 208
- 240
- 277

2. What is the sq. footage of the open area to be heated?

You cannot heat under built-in fixtures and cable cannot be installed in walls. The open area to be heated = total room area - built-in fixture areas.

3. Will the floor contain expansion joints?

- Yes
- No

4. Will the floor warming system be used for primary heat in addition to floor warming?

- Yes, Please Specify the Room Heat Loss: _____
- No

5. What type of embedding material will you be using?

- Thin Set
- Self-Leveling Compound
- Concrete
- Other, Please Specify: _____

6. How thick will the embedding layer be? _____

7. What type of floor covering will be installed over the floor warming system (R-Value needs to be below 2.5)?

- Tile, Marble, or Stone
- Laminate or Floating Hardwood
- Hardwood with Sleepers
- Vinyl
- Carpet and Padding
- Other, Please Specify: _____

8. Would you like us to quote 2FW cable, FW cable, M.I. cable or Radiance Mats?

- 2FW Cable
- FW Cable
- FE Radiance Mats
- M.I. Single Conductor Floor Warming Cable Assembly
- Please Recommend

9. What is the distance to the nearest junction box or control? _____

10. What type of control would you like us to quote?

- F15A (120/208/240 VAC thermostat)
- Other, 277VAC application

11. Will you need a panel?

- Low Noise Relay Panel
- Enclosed Contactor Panel
- Custom Control/Monitor Panel
- Please Recommend
- Do Not Need A Panel

Comments:

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**PLEASE FAX OR E-MAIL INFO@DELTA-THERM.COM
A DRAWING OF THE ROOM(S) WITH BUILT-IN FIXTURES**



ROOF AND GUTTER DE-ICING QUOTE REQUEST FORM

SECTION 3 REQUEST FOR QUOTE FORMS

Date: _____

Customer Name: _____

Phone: _____

Fax: _____

Project Name: _____

Project Location: _____

Project Phase: _____

Quote Due By: _____

1. What voltages are available?
 - 120
 - 208
 - 240
 - 277
 - 480
2. What part of the roof and gutter system do you plan to heat?
 - Roof, Gutters, And Downspouts
 - Roof & Gutters Only
 - Roof Only
 - Gutter Only
 - Downspouts Only
3. How long is the roof eave? _____
4. What type of roof is this?
 - Shingle
 - Roof Pitch: _____
 - Number of Valleys to be Heated: _____
 - Standing Metal Seam
 - Roof Pitch: _____
 - Number of Valleys to be Heated: _____
 - Distance Between Seams: _____
 - Flat with Scupper
 - Flat with Internal Drains
 - Slate
 - Other, Please Specify _____
5. How long are the gutters? _____
6. What materials are the gutters made of?

7. How long are the downspouts and how many are there?
Number of Downspouts: _____
Length of Downspouts: _____

8. How far does the eave overhang from the building wall? _____
9. Would you like us to quote M.I. cable or SR cable?
 - M.I. Single Conductor Roof De-Icing Cable Assembly
 - M.I. Dual Conductor Roof De-Icing Cable Assembly
 - IN Series Self-Regulating Cable
 - CO Series Self-Regulating Cable
 - Please Recommend
10. If you will be installing SR cable on a shingle roof would you like us to quote Ice Melt Panels?
 - Flat Ice Melt Panels (Valleys, Above Angled)
 - Angled Ice Melt Panels (Roof Edge)
 - Combination Of Flat And Angled
11. What is the distance to the nearest junction box or control? _____
12. What type of control would you like us to quote?
 - MPS
 - DTC120-G
 - Please Recommend
13. What type of panel do you need?
 - Power Control Panel With G.F.P.E.
 - Enclosed Contactor Panel
 - Custom Control/Monitor Panel
 - Please Recommend
 - Do Not Need A Panel

Comments:

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**PLEASE FAX OR E-MAIL INFO@DELTA-THERM.COM
A DRAWING OF THE ROOF(S)**



HANGAR DOOR DE-ICING QUOTE REQUEST FORM

Date: _____

Customer Name: _____

Phone: _____

Fax: _____

Project Name: _____

Project Location: _____

Project Phase: _____

Quote Due By: _____

1. What voltages are available?
 120
 208
 240
 277
 480
2. What are the lengths of the rails to be heated?

3. Is there a pocket for the doors?
 Yes
 No
4. Where are the drains located?

5. Are the doors opened in a fixed position?
 Yes
 No
6. Where is the electrical panel or junction box in reference to the door rails?

7. Is this new construction or retrofit?

Comments:

There are many configurations of how hanger doors open.

Please e-mail drawings (such as those below) that detail the door and rail layout to your customer service representative when requesting a quote.



Detail 1. Snow (Northern) Stack.



Detail 2. Southern Stack.



Detail 3. One-Way System.

Please fax this form to: (847) 526-4456
On-line form can be submitted on www.delta-therm.com

**PLEASE FAX OR E-MAIL INFO@DELTA-THERM.COM
A DRAWING OF THE HANGAR DOOR(S)**

PIPE TRACE - TEMPERATURE MAINTENANCE QUOTE REQUEST FORM

Date: _____
 Customer Name: _____
 Phone: _____
 Fax: _____

Project Name: _____
 Project Location: _____
 Project Phase: _____
 Quote Due By: _____

1. What voltages are available?
 - 120
 - 208
 - 240
 - 277
 - 480
2. What type of location are the pipes located in?
Please check all that apply.
 - Indoor
 - Outdoor
 - Non-Hazardous
 - Hazardous
Please Specify: _____
3. What type of fluid is flowing through the pipe?

 - Non-Hazardous
 - Hazardous
Please Specify: _____
4. How many pipe lines are you tracing? _____
Please submit multiple sheets if necessary.
5. Pipe #: _____
- 5a. Pipe Length: _____
- 5b. Pipe Diameter: _____
- 5c. Type of Insulation: _____
- 5d. Thickness of Insulation: _____
- 5e. Maintain Temperature: _____
- 5f. Lowest Expected Ambient Temp.: _____
- 5g. Wind Speed (if applicable): _____
- 5h. Pipe Material:
 - Metal
 - PVC
 - Other, Please Specify: _____

6. Please list quantity and size of the following on the pipeline?

	Quantity	Size
6a. Screw Valves:	_____	_____
6b. Flange Valves:	_____	_____
6c. Butterfly Valves:	_____	_____
6d. Pipe Supports:	_____	_____
6e. Pipe Elbows:	_____	_____
6f. Pipe Flanges:	_____	_____

7. What is the distance to the nearest junction box or control?

8. What type of cable would you like us to quote?
Please check all that apply.
- M.I. Dual Conductor Pipe Tracing Cable Assembly
 - SR Cable
 - CW Cable
 - Please Recommend

9. What type of control and/or panel do you need?
Please check all that apply.
- Thermostat
 - Thermostat with Monitor Light
 - TraceMate
 - MasterTrace
 - Power Control Panel With G.F.P.E.
 - Enclosed Contactor Panel
 - Custom Control/Monitor Panel
 - Please Recommend

Comments:

Please fax this form to: (847) 526-4456
 On-line form can be submitted on www.delta-therm.com

**PLEASE FAX OR E-MAIL INFO@DELTA-THERM.COM
 A DRAWING OF THE PIPE LAYOUT(S)**

TANK TRACE - TEMPERATURE MAINTENANCE QUOTE REQUEST FORM

Date: _____

Customer Name: _____

Phone: _____

Fax: _____

Project Name: _____

Project Location: _____

Project Phase: _____

Quote Due By: _____

1. What voltages are available?

- 120
- 208
- 240
- 277
- 480

2. What type of location are the tanks located in?

Please check all that apply.

- Indoor
- Outdoor
- Non-Hazardous
- Hazardous

Please Specify: _____

3. What type of fluid is contained in the tank?

- _____
- Non-Hazardous
- Hazardous

Please Specify: _____

4. Do you need heat tracing on the pipes leading to and from the tank?

- Yes, Please Submit a Pipe Tracing RFQ
- No

5. What is the tank shape?

- Square
- Cylindrical

6. Is there a top on the tank?

- Flat
- Dome
- There is No Top

7. Is the bottom of the tank exposed?

- Yes
- No

8. What type of insulation will you install?

9. How thick will the insulation be? _____

10. Will the entire tank be insulated?

- Yes
- No

Please specify where the insulation will be installed: _____

11. What is the diameter of the tank? _____

11a. What is the height of the tank? _____

11b. How thick are the tank walls? _____

11c. What material is the tank made of? _____

11d. What is the weight of the tank? _____

11e. What is the fluid level height inside of the tank? _____

11f. What temperature do you need to maintain the tank fluid content at? _____

12. What is the lowest expected ambient temperature?

13. What type of cable would you like us to quote?

Please check all that apply.

- M.I. Single Conductor Tank Tracing Cable Assembly
- M.I. Dual Conductor Tank Tracing Cable Assembly
- SR Cable
- CW Cable
- Please Recommend

14. What type of control and/or panel do you need?

Please check all that apply.

- Thermostat
- Thermostat with Monitor Light
- TraceMate
- Power Control Panel G.F.P.E.
- Enclosed Contactor Panel
- Custom Control/Monitor Panel
- Please Recommend

Other Special Requirements:

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**PLEASE FAX OR E-MAIL INFO@DELTA-THERM.COM
A DRAWING OF THE TANK(S)**



PERMAFROST PREVENTION QUOTES REQUEST FORM

Date: _____

Customer Name: _____

Phone: _____

Fax: _____

Project Name: _____

Project Location: _____

Project Phase: _____

Quote Due By: _____

1. What voltages are available?

- 120
- 208
- 240
- 277

2. What are the dimensions of the area(s) you plan to heat?

_____ Length X _____ Width
_____ Length X _____ Width
_____ Length X _____ Width

3. Will the cable be in conduit or in direct contact?

- Conduit
- Direct Contact

4. What is your heat loss calculation?

5. What is the thickness and R-value of the insulation under the floor?

Thickness _____
R-Value _____

6. What is the operating temperature of the freezer and what will it store?

_____ Operating Temperature
_____ Items

7. Will the system control be inside the freezer?

- Yes
- No

Other Special Requirements:

Please fax this form to: (847) 526-4456

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**PLEASE FAX OR E-MAIL INFO@DELTA-THERM.COM
A DRAWING OF THE AREA(S) TO BE HEATED**



CUSTOM PANEL QUOTE REQUEST FORM

Date: _____

Customer Name: _____

Phone: _____

Fax: _____

Project Name: _____

Project Location: _____

Project Phase: _____

Quote Due By: _____

1. What type of panel is available?
 - Control
 - Monitor
 - Remote Indicator
 - Other, Please Specify: _____
2. What type of control will be used with the panel?

3. How many panels do you need? _____
4. What NEMA rating do you need the panel enclosure to be?

5. Is the panel flush or surface mounted?
 - Flush
 - Surface Mounted
6. How many circuits are required? _____
7. What is the heater supply voltage?
 - 120
 - 208
 - 240
 - 277
 - 480
8. What is the estimated load per circuit?

9. What is the type and length of each cable per circuit?

10. Is 30 mA G.F.P.E. required?
 - Yes
 - No
11. What type of monitoring do you need?
 - Voltage
 - Over Current or Ground Fault
 - Low Current
 - Low Temperature And High Temperature
 - Other, Please Recommend
12. Are audible alarms required?
 - Yes
 - No
13. Are dry contacts required?
 - Yes
 - No

Other Special Requirements?

Circuit Information:

Circuit #	Type of Cable	Length of Cable on Circuit	Estimated Load on Circuit

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DESIGN CRITERIA FOR DELTA-THERM CABLE PRODUCTS FOR USE IN CLASS I, DIVISION I: GROUP B, C, AND D LOCATIONS FLAMMABLE GASES AND VAPORS

Date: _____

Customer Name: _____

Phone: _____

Fax: _____

Plant Location of Application: _____

Job No.: _____

Customer's Representative: _____

Representative's Address: _____

Application Information: _____

Project Name: _____

Project Location: _____

Project Phase: _____

Quote Due By: _____

Lines 1, 2, 3, 7 and either 4, 5, or 6 must be completed.

1. What is the minimum allowable process fluid?
_____ °F _____ °C
2. What is the maximum allowable process fluid?
_____ °F _____ °C
3. What is the ambient temperature range?
_____ °F (_____ °C) to _____ °F (_____ °C)
4. What is the process fluid in the pipe? _____
A. Other fluids or gas in the area which causes area to be listed as Class I Division I.

5. What is the process fluid auto ignition temperature?
_____ °F _____ °C
6. What are the other fluids or gas in the area which cause area to be listed as Class I and Division I?
a. _____
7. What is the Class I, Division I group? _____
What is the temperature ID number? _____
A. What are the other fluid or gas in the area which cause area to be listed as Class I Division I? _____

8. What are the run lengths? _____

9. What is the process pipe size? _____
What is the temperature ID number? _____
10. What type of insulation is being used? _____
What is the thickness of insulation? _____
11. What voltages are available? _____
12. What cable type is preferred? *
 - Mineral Insulated (M.I.)
 - Self-Regulating (SR)
 - Constant Watt (CW)

*** Process fluid may indicate selection of cable type**

Signature _____

Company _____

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**PLEASE FAX OR E-MAIL INFO@DELTA-THERM.COM
THE DRAWING(S) FOR THE PROJECT**

DESIGN CRITERIA FOR DELTA-THERM CABLE PRODUCTS FOR USE IN CLASS II, DIVISION I: GROUP E - ELECTRICALLY CONDUCTIVE COMBUSTIBLE DUSTS AND GROUP F AND G - COMBUSTIBLE DUSTS

Date: _____ Project Name: _____
 Customer Name: _____ Project Location: _____
 Phone: _____ Project Phase: _____
 Fax: _____ Quote Due By: _____

Plant Location of Application: _____

Job No.: _____

Customer's Representative: _____

Representative's Address: _____

Application Information: _____

Lines 1, 2, 3, 7 and either 4, 5, or 6 must be completed.

1. What is the minimum allowable process temperature of item to be heated?
 _____ °F _____ °C
2. What is the maximum allowable process temperature of item to be heated?
 _____ °F _____ °C
3. What is the process pipe size or tank size material?

4. What is the run length or tank sizes? _____
5. What is the type of insulation? _____
 What is the thickness of insulation? _____
6. What are the voltages available?

7. Cable type preferred*
 - Mineral Insulated (M.I.)
 - Self-Regulating (SR)
 - Constant Watt (CW)

8. What is the ambient temperature range?
 _____ °F (_____ °C) to _____ °F (_____ °C)
9. What is the combustible dust?

10. What is the combustible dust ignition temperature?
 _____ °F _____ °C
11. What is the Class II, Division I, group? _____
 What is the temperature ID number? _____

*** Combustible Dust may indicate selection of cable type**

Signature _____

Company _____

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 THE DRAWING(S) FOR THE PROJECT**

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