



CAVALIER INDUSTRIES LTD.

SMALL AREA GROUND THAW IN PERSPECTIVE

Winter Construction Optimizer

Effectively operate in winter conditions.

Cavalier Industries Ltd.

The Application

Excavation and trenching in frozen ground can be a costly endeavor - increasing the time and money it takes to get the job done.

The Serious Thermal Toaster system provides an efficient, sustainable high speed ground thawing system - that can effectively allow contractors to overcome winter conditions.

Place the unit directly on frozen ice and snow and rapidly thaw a 2 x 10 foot area. Units can be placed side by side vertically or horizontally as required by excavation.

When finished the thawed dry dirt is easy to excavate or hydro-dig - with minimal setup time and effort.



Toaster
Serious Thermal Products Ltd.

SUPER FAST OPERATION: Thaw up to 1.6" per hour - even in tough conditions with moisture laden earth

WORKABLE, DRY DIRT AFTER: Use a smaller machine to dig or trench - also reduces wear and tear caused by ripping. Dirt can be placed back into the trench - reducing the requirement to truck in replacement substrate

SAFE No open flame, no uncontrolled burns, certified to CSA standards

Efficient designed to reduce operating cost through fuel efficient operation.

EASY SETUP 2 men can move. Use multiple units in series or custom configuration (circles, squares, tees).



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1-888-483-4843

www.cavalier-industries.ca



Technical Specifications:

Dimensions: 10'x2'x2'

Weight: 345 lbs

CSA Approved

Output: BTU 88,000

Volts: 110V

Amps: 0.8 Amps

Fuel: Propane

Consumption: Average 4 Pounds/Hour

Stainless Steel Reflector

Solid State Electronics

Radiant is the best way to thaw ground:

Radiant heat is simply a form of energy that heats objects directly through a process called conversions, without heating the air in between. Very little of the radiant heat is absorbed by the air, so it is the ideal way to

transfer heat to objects. Radiant heat is transmitted by infrared waves and is directional. This means fast operation and ensures a complete thaw with no cold spots or frost islands. Radiant heating minimizes heat losses to provide the most efficiency energy transfer.

