

THAWZALL
Manufactured by T.H.E. Machine Company

GROUND THAWING SET UP

1. Prepare site by clearing work area of snow and ice.
2. Determine soil conditions.
3. Determine hose spacing from estimate chart.
 *With mud conditions and zero frost below, lay hoses in mud then use T.H.E. Machine Company Unit Heaters to blow warm air across hoses to dry mud.
4. Lay hoses directly on ground and cover with insulating blankets as directed.

GROUND THAWING ESTIMATE CHARTS

TEMPERATURE: **30° F or higher**
 LAYERS OF BLANKETS TO USE: **SINGLE (R6 insulation factor)**
 SOIL CONDITION: **Gravel or Sand (good drainage)**

Frost Depth	12"	24"	36"	48"	60"
Hose Spacing**	24"	16"	16"	16"	16"
Hours to run	24	48	72	96	120

**Hose spacing is measured inches on center

TEMPERATURE: **30° F or higher**
 LAYERS OF BLANKETS TO USE: **SINGLE (R6 insulation factor)**
 SOIL CONDITION: **Clay or Silt (poor to moderate drainage)**

Frost Depth	12"	24"	36"	48"	60"
Hose Spacing**	16"	16"	16"	16"	16"
Hours to run	24	48	72	96	120

**Hose spacing is measured inches on center

TEMPERATURE: **15° to 30° F**
 LAYERS OF BLANKETS TO USE: **SINGLE (R6 insulation factor)**
 SOIL CONDITION: **Gravel or Sand (good drainage)**

Frost Depth	12"	24"	36"	48"	60"
Hose Spacing**	24"	24"	24"	24"	24"
Hours to run	24	48	72	96	120

**Hose spacing is measured inches on center

GROUND THAWING ESTIMATE CHARTS (Cont'd.)

TEMPERATURE: **15° to 30° F**

LAYERS OF BLANKETS TO USE: **SINGLE (R6 insulation factor)**

SOIL CONDITION: **Clay or Silt (poor to moderate drainage)**

Frost Depth	12"	24"	36"	48"	60"
Hose Spacing**	24"	24"	24"	24"	24"
Hours to run	24	48	72	96	120

**Hose spacing is measured inches on center

TEMPERATURE: **0° to 15° F**

LAYERS OF BLANKETS TO USE: **DOUBLE (R12 insulation factor)**

SOIL CONDITION: **Gravel or Sand (good drainage)**

Frost Depth	12"	24"	36"	48"	60"
Hose Spacing**	24"	24"	24"	24"	24"
Hours to run	24	48	72	96	120

**Hose spacing is measured inches on center

TEMPERATURE: **0° to 15° F**

LAYERS OF BLANKETS TO USE: **DOUBLE (R12 insulation factor)**

SOIL CONDITION: **Clay or Silt (poor to moderate drainage)**

Frost Depth	12"	24"	36"	48"	60"
Hose Spacing**	16"	16"	16"	16"	16"
Hours to run	24	48	72	96	120

**Hose spacing is measured inches on center

TEMPERATURE: **-20° to 0° F**

LAYERS OF BLANKETS TO USE: **DOUBLE (R12 insulation factor)**

SOIL CONDITION: **Gravel or Sand (good drainage)**

Frost Depth	12"	24"	36"	48"	60"
Hose Spacing**	16"	16"	16"	16"	16"
Hours to run	24	48	72	96	120

**Hose spacing is measured inches on center

GROUND THAWING ESTIMATE CHARTS (Cont'd.)

TEMPERATURE: **-20° to 0° F**

LAYERS OF BLANKETS TO USE: **DOUBLE (R12 insulation factor)**

SOIL CONDITION: **Clay or Silt (poor to moderate drainage)**

Frost Depth	12"	24"	36"	48"	60"
Hose Spacing**	16"	16"	16"	16"	16"
Hours to run	24	48	72	96	120

**Hose spacing is measured inches on center

TEMPERATURE: **-20° F or lower**

LAYERS OF BLANKETS TO USE: **DOUBLE (R12 insulation factor)**

SOIL CONDITION: **Gravel or Sand (good drainage)**

Frost Depth	12"	24"	36"	48"	60"
Hose Spacing**	16"	16"	16"	16"	16"
Hours to run	24	48	72	96	120

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