

2200-0300-GTS GROUND THAW SYSTEM

- 'Patented' Combustion Environment Control System providing heated combustion air & fuel to ensure optimum burner reliability and efficiency at a full range of ambient temperature conditions
- Can operate at higher elevations
- Central Heating Module and fuel tanks are of 'marine grade' aluminum construction... no rust or corrosion
- An open atmospherically vented water heater system... certified to CSA & UL standards for use as a 'non-pressure vessel'
- Remote manifold system – for versatile & easy set up on the job site
- Industry leading multi-loop ground thaw set-up for job site flexibility and optimum fluid circulation & heat transfer
- Low pressure circulation
- Industrial grade hoses & connections
- Heavy Duty Hose Reel System
- Easy conversion from a 'ground thaw application' to a 'temporary heating application'... by incorporating DRYAIR's Portable Heat Exchangers for high volume fluid-to-air heat transfer & air delivery
- TUV certification to CSA & UL standards
- 24/7 365 day a year Tech Support



Specifications

*Note: see individual component spec sheets for full specifications

Central Heating Module - 2200-0300

Burner	Single stage
....Fuel	Diesel fuel / #1 or 2 heating oil
....Fuel consumption	2.4 US GPH, 9.1 LPH, 7.8 KG/H
....Output capacity	286,000 BTU/H, 84 KW/H (Based on 140,000 BTU/Gallon and net efficiency of 85%)
Fuel tank assembly.....	Aluminum enviro-containment system
....Fuel tank	Crosslinked polyethylene, 140 US GAL., 530 L
....Operating range.....	58.3 hrs at full output
Electrical	Single phase, 220V, 60Hz, 15 Amps
Combustion environment control system	Maintains optimum burner reliability and efficiency at a full range of ambient temperature conditions. Assures system operation in all conditions.
Control & monitoring.....	Pump & temperature controls, Full gauge panel showing circulation fluid temperatures & pressures, fuel pressures and 8-light system operation feature for easy system troubleshooting
Internal fluid circulation system	Atmospherically vented, adjustable fluid temperature control, auto temperature bypass for heat exchanger protection
....Basic features	3,450 RPM, 1 HP, (1.1 KW)
....Circulation pump	25-35 US GPM @ 30-35 P.S.I., 5.68-7.95 M ³ /HR @ 21-24.7 M W.C.
....HTF circulation.....	1" hose & hydraulic-style quick coupler connections

Hose Reel Assembly - HR 2250

Drive	Motor - 3/4 HP, 1 phase, totally enclosed, 115 VAC, 11 Amps
Controls	Forward / reverse, foot switch activation, Rotational speed - 15 RPM
Hose package.....	Six 5/8" x 500' 'Explorer 200' ground thaw hose loops (4,500 sq. ft. coverage at 18" spacings). *Please note that the HR2250 Hose Reel will hold up to eight 5/8" x 500' hose loops
Tarp cover	Weather and UV protection for the fluid circulation hose (not shown)

Trailer Package - TR6000-2 C2

GVWR.....	8,102 lbs (3,675 Kg)
Deck specs	68" (1.73M) wide x 173"(4.39M) long, steel deck, steel mud guard
Wheel assemblies	Dual #11 Torflex 0° axles, 16" wheels
Light hook-up.....	6 pole connector
Brakes.....	Electric, with break-away switch
Lockout jacks.....	For 4-point unit leveling & on-site unit security

Generator - Multiquip, Model DA7000SS

Output	7Kw standby output, 6Kw prime output
Electrical	120/240V, 60Hz, single phase
Engine.....	water-cooled 11.9 HP Kubota Z482 diesel, electric start, CSA approved

Components

6 port manifold	Can be set up remotely on the job site
.....	Includes six sets (Male/Female) of 3/4" hydraulic-style quick couplers for ground thaw hole loop connections
Primary circ. line	Two 1" x 10' hoses

Optional

Ground thaw Hose	Up to two 5/8" x 500' hose loops (for additional 1,500 sq. ft. coverage at 18" spacings).
Secondary fuel tank assembly	*Shown in picture above... mounted below the generator
....	Aluminum enviro-containment system
....Fuel tank	Crosslinked polyethylene
....Fuel capacity	140 US GAL (530 L)
....	Will boost the system's fuel capacity to 280 US GAL (1060 L), providing an additional 58.3 hrs operating range at full output (up to 116.6 hrs)
....Fuel pump package	Built-in, configured to automatically keep the primary fuel tank topped off. Includes integral dual-purpose moisture and particulate fuel filter



Heat Thaw Cure Dry

CHM 2200-0300 GTS ground thaw package 080130