

CMI  
ROADBUILDING INC.



# PORTABLE AC STORAGE SYSTEMS

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CMI portable AC storage systems are of a unitized design for quick set-up, ease of servicing and greater reliability with heavy-duty channel steel frame for superior structural support while 4" thick high-density fiberglass insulation provides efficient heat retention.

AC tanks are available in capacities from 20,000 to 35,000gal (75,700 to 113,562L) and the pump package can be located at the front or rear of the tank for on-site versatility.

Self-store blocking eliminates need for timber blocking and reduces set-up time.



## FEATURES & BENEFITS

- Fully portable road towable unit
- Unitized design for fast setup, reliability & ease of servicing
- 4" thick high-density fiberglass insulation for efficient heat retention

CAPACITIES & DIMENSIONS				
	CTH20P	CTH25P	CTH30P	CTH35P
CAPACITY	20,000 gal (75,708 L)	25,000 gal (94,635 L)	30,000 gal (113,562 L)	35,000 gal (132,489 L)
CAPACITY (WITH OPTIONAL AGITATORS)	18,033 gal (68,262 L)	22,598 gal (85,543 L)	27,162 gal (102,819 L)	31,721 gal (120,078 L)
LENGTH	48 ft 10 1/2 in (15,200 mm)	57 ft 10 1/2 in (17,640 mm)	65 ft 10 1/2 in (20,080 mm)	73 ft 10 1/2 in (22,120 mm)
HEIGHT	13 ft 11 7/8 in (4,260 mm)			
WIDTH	11 ft 6 in (3,510 mm)			

## SPECIFICATIONS

### HORIZONTAL THERMAL OIL HEATED TANK

CAPACITY	20-35,000 gal (75,700-132,480 L) depending on model (without optional tank agitators)
INSPECTION HATCHES	2 x 24" (609 mm) hatches
INSULATION & CLADDING	4" (100 mm) high density fiberglass insulation with aluminium cladding
TANK AGITATORS DRIVE (OPTIONAL)	2 x 7.5 hp (5.6 kW)

### AC SUPPLY SYSTEM

CAPACITY	200 gal (750 L)
DRIVE	15 hp (11 kW)

### HEAT EXCHANGE UNIT

OUTPUT	1,840,050 Btu/hr (464,000 Kcal/hr)
BURNER	Fully automatic gas oil burner
BURNER DRIVE	1.5 hp (1.12 kW)
PUMP DRIVE	7.5 hp (5.6 kW)
EXPANSION TANK	150 gal (560 L)

### CONTROLS

Fully automatic controls featuring starters for oil pump and burner, flame failure burner control, high limit cut-off and 7 day timer.

### CHASSIS

Tank mounted on heavy duty steel chassis and 8 manual jacks and 4 full width chassis support pad assemblies distribute load evenly.

### OPTIONAL EQUIPMENT

- Transport unloading pump
- Additional piping, valve and jacketed lines to interconnect unloading pump to additional storage tanks
- 2 x top entry vertical agitators with axial-flow impellers



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