

# 910 Serie

## TECHNICAL DESCRIPTION

Built on a one piece unit, all refrigeration and electrical connections between the condenser and evaporator are installed and tested in house. The unit is already filled with MP-66m MP-39, HP-62 or 134A refrigerant.

910 M, L,	Over the road only
910 ME, LE,	Over the road and electric standby
910 M, ME,	Automatic air cycle defrost
910 L, LE,	Automatic/manual hot gas defrost

## STANDARD EQUIPMENT

### Compressor in Transit

Swash plate six cylinder, 9.3 cubic inches displacement vehicule engine mounted, belt driven.

### Compressor electric standby

Swash plate six cylinder, 9.3 cubic inches displacement.

### Standby Operation

Electric motor 1.5 H.P. single phase belt drive the compressor.

### Fan Motors

Condenser 2 motors (2000 rpm) and evaporator 2 motors (3000 rpm) 12 volts D.C. totally enclosed permanent magnet motors.

### Fan Blades

Condenser (2 blades 10") and evaporator (2 blades 7")

### Defrost System

- M - Air cycle defrost
- L - Hot gas three system, initiated by a timer/limit control.

### Protective Devices

High and low pressure control (commercial adjustable type), fused transformer/choke rectifier system, standby motor protected by a external manual reset. The transit system is protected by a circuit breaker.

### Electrical

- a) On the over the road the 12 volts D.C. is supplied by the vehicule battery system, NOTE: Vehicule must be equipped with a minimum 75 amperes electrical charging system.
- b) On the standby, power is supplied by a 230 or 115 volts A.C. source with a minimum 20 amperes circuit/breaker. The 12 volts D.C. power is supplied by a transformer/choke rectifier system.

### Electric load

In transit: 13 amps D.C.  
Standby : 18 amps 115 volts A.C. 1.5 HP.  
8 amps 230 volts A.C. 1.5. HP.

## OPTIONAL EQUIPMENT

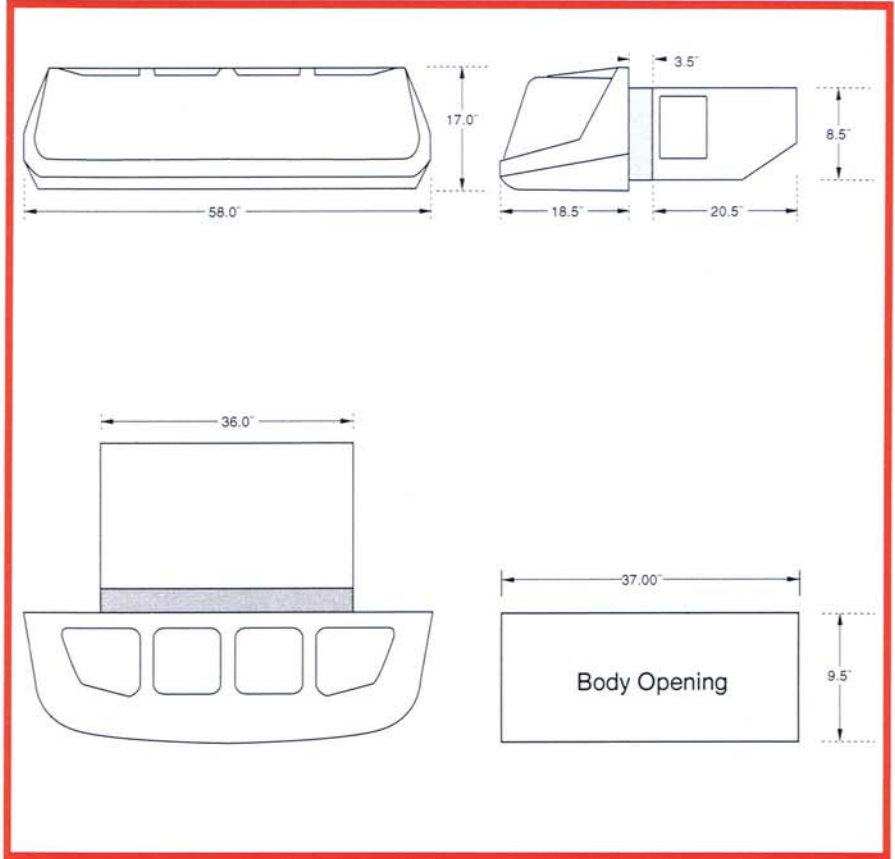
- Electric heat N/C
- Standby Motor (3 phase) N/C
- 2 pieces unit N/C
- Water heating from the engine
- Thermometer

## WARRANTY

Thermo Plus offer a one year warranty, parts and labor, on all refrigeration units.

## WEIGHT

910 M,L	275 pds (125 kg)
910 ME, LE	375 pds (170.4 kg)



SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.  
Cooling temperature/Capacity ambient 100°F (37.8°C)

EVAPORATOR Return Air Temp.	BTU/H (kCAL/H)	
	Engine/2400 rpm	Standby/1800 rpm
0°F (-17.8°C)	5,500 (1227)	5,000 (1261)
35°F (1.7°C)	11,000 (2771)	10,000 (2723)

