

C-500 - 710 Serie

TECHNICAL DESCRIPTION

C500 M, MG, L, LG	Over the road only
C500 ME, LE, LEG	Over the road and electric standby
710 M, MG, L, LG	Over the road only
710 ME, LE, MEG	Over the road and electric standby

STANDARD EQUIPMENT

Compressor in Transit

Swash plate six cylinder, 9.3 cubic inches displacement vehicle 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 (3000 rpm) and evaporator 2 motors (3000 rpm) 12 volts D.C. totally enclosed permanent magnet motors.

Fan Blades

Condenser (2 blades 7") 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 an 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 vehicle battery system, NOTE: Vehicle 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: 18 amps D.C.

Standby : 15 amps 115 volts A.C. 1 HP.
8 amps 230 volts A.C. 1.5. HP.

OPTIONAL EQUIPMENT

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

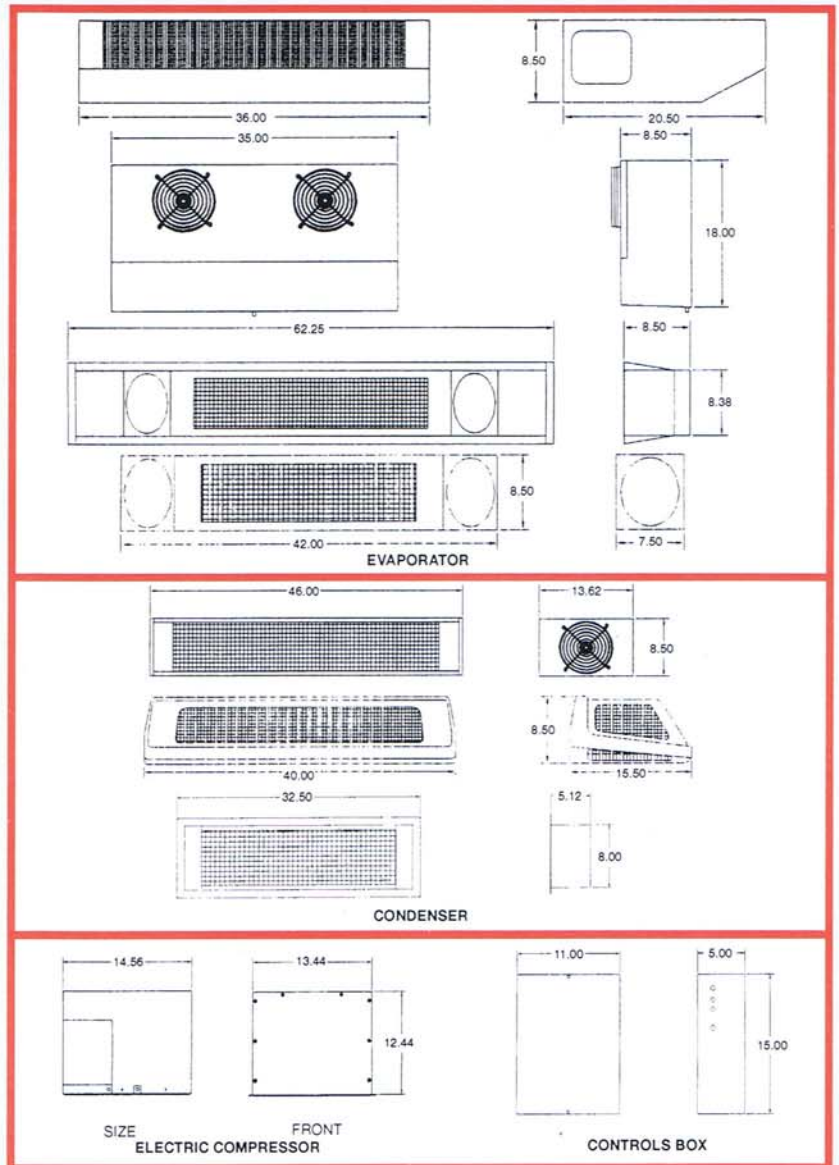
WARRANTY

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

WEIGHT

C500 MG, 710 MG	125 pds (56.7 kg)
C500 M, 710 M	150 pds (58 kg)
C500 ME, LE, 710 ME, LE	200 pds (90.7 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 (1387)	5,000 (1261)
35°F (1.7°C)	11,000 (2774)	10,800 (2723)

