



Medium Direct Drive Refrigeration System



500 Alpha refrigeration split systems are designed to provide optimum performance in truck box bodies insulated for fresh or frozen produce transport. These high capacity, bulkhead mounted units are suitable for operation down to -25°C.

- High capacity, great efficiency
- VCA EMC Approved
- Bulkhead mounted
- Easy to operate in-cab digital controller as standard
- Single phase electric standby only
- Split System
- 12 and 24 Volt
- National Service Coverage

Refrigeration Capacity (30°C Ambient)

Compressor @ 2400rpm	Watts (Truck Drive)
0°C	4000
-20°C	2200



**Serious about cooling...
Serious about efficiency**



Specifications

The 500 Alpha is a split system designed to provide optimum performance in medium sized box bodies that are insulated for fresh or frozen produce transport. The system uses environmentally friendly R404A refrigerant and is suitable for temperatures down to -25°C.

The refrigeration system is driven using a compressor that is mounted within the engine compartment and belt driven from the vehicle engine crankshaft. When the vehicle's engine is running and the thermostat calls for cooling, an electro-magnetic clutch on the compressor is engaged enabling the unit to provide refrigeration. A semi-hermetic compressor powers the refrigeration system on mains standby.

The system is operated by an easy to use, in-cab digital controller that is fully programmable and will provide a constant temperature readout. The Hubbard 500 Alpha features automatic defrost but manual defrost can be initiated by push button control.

Optional accessories include:

A datalogger, 12V and 24V and multi-temperature systems.

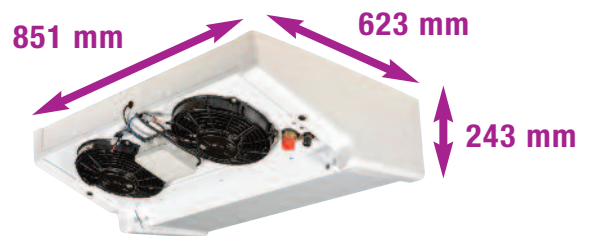
For further details on these systems and other products available, please telephone Hubbard's application specialists on 01473 892218

500 Alpha	
Defrost:	Full automatic reverse cycle defrost
Volume of the insulated body - Ambient temperature +30°C	
-20°C	28 M ³
0°C	36 M ³
Variants:	With or without standby Multi Temperature unit Heat/Cool model

Condenser (L Weight 53kg)
(EL Weight 90kg)



Twin Fan Evaporator (Weight 16 kg)

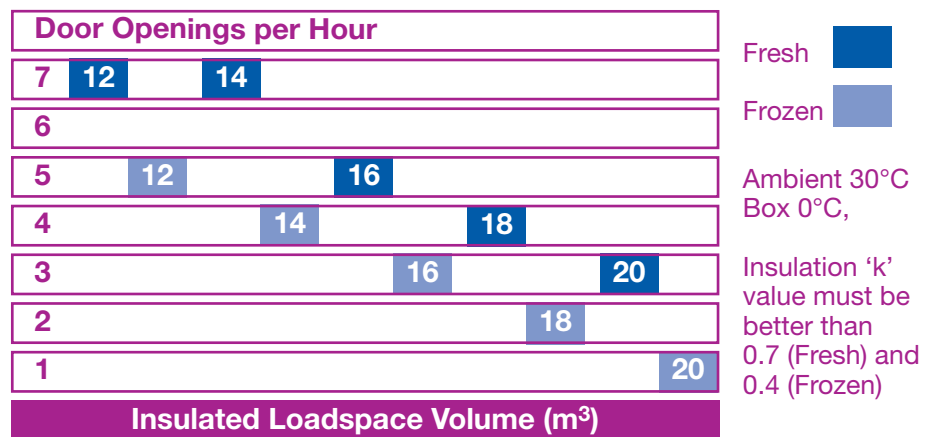


72 mm In-cab Controller



Ancillary Equipment Weight
25 kg
Approximate

Application Guide for 500 Alpha L & 500 Alpha EL



This application graph is intended as a guide only. Should you require any clarification, please contact a Hubbard application specialist.

Warranty

Hubbard Products transport refrigeration systems carry a full twelve months parts and labour warranty providing the unit has been serviced by a Hubbard engineer or an approved agent within the first six months of its service life.

4 Crane Boulevard, Ipswich, Suffolk IP3 9SQ
Telephone: 01473 892218 Fax: 01473 711799
Service: **0800 0180460** transportteam@hubbardproducts.com
www.hubbardproducts.com

