

Date 23/06/2022
To All Thermo King Sales and Service Dealers
From VP Truck EMEA Product Management
Subject **C-Series Launch: (New Models) C-550, C-650, C-750
(New Configurations) C-150 to C-450 MAX 10**

PB 690-1**Revision 1:**

- Features and options table update: Remove TrackKing Light & Basic (No longer offered from Thermo King)
- Product name change highlight
- MAX 10 product launch highlight

Dear Thermo King Dealer,

PRODUCT NAMING

- Previously known as the Ce-Series, all units being supplied from Thermo King will from now on be known as the C-Series, thereby removing the “e” from the product name.
- This is to align our global product naming strategy with the electrification trends we are undergoing in the market. Removing the “e” will allow us to easily and clearly differentiate our product offerings to our customers, resulting in a more easily understood portfolio. More information on this global product strategy will follow in the future.

BRAND NEW PRODUCTS

In our continuous efforts to develop new products, we are pleased to announce the launch of three brand-new models into our C-Series Product Family as well as new configurations on existing models across the C-Series range.

Introducing the all-NEW, high-capacity, compact, lightweight, efficient, powerful and robust C-550, C-650 and C-750 transport refrigeration units. These units will outperform and outclass other products in the market, and are designed to compete in the 5, 6 and 7 kW, large van as well as medium to large truck segments.

EXISTING PRODUCT CONFIGURATION EXPANSION: MAX 10

A complete range of **MAX 10** units are now also available for the existing C-150, C-250, C-350 and C-450 as well as the new C-550 through to the C-750. Offering our customers in regions and applications that do not require heating a more competitive product and a refined refrigeration circuit with fewer components.

Thermo King is proud to deliver fantastic systems that are going to offer you, our valued dealers, an excellent competitive advantage, and our esteemed end customers, great value for their businesses!



Figure 1 - C-750, C-650, C-550

BENEFITS:

- Phenomenal performance – highest cooling capacity in the segment for medium to large trucks
- Amazing airflow – highest airflow in the segment, suitable for truck bodies up to 8 m fresh / 6 m frozen
- Extreme ambient performance – sustainable performance in low and high ambient temperatures
- Efficiently engineered – lowest refrigerant charge weight in the segment
- Industry-leading low weight & compact size – maximizing customer payloads
- Acclaimed application coverage – fresh, frozen and heating demands are catered for with one unit
- Top-notch temperature control – maximized load protection
- Remarkable reliability – European manufacturing quality
- Capable controller – easy-to-use CSR controller and proven Ce-Series quality & reliability
- Full Thermo King service and parts support underpinned by our extensive expert Dealer Network
- Leveraged existing components including drive kits for ease of aftermarket and service support

PRODUCT BULLETIN

Please see the table below for more information about the models, configurations, features and options:

New models highlighted in Blue

	0 Version (No Defrost)	10 Version	MAX 10 Version	MAX 30 Version
FEATURES AND OPTIONS (NEW MODELS)	C-150	C-150 10	C-150 MAX 10	C-150 MAX 30
	C-250	C-250 10	C-250 MAX 10	C-250 MAX 30
	C-350	C-350 10	C-350 MAX 10	C-350 MAX 30
	C-450	C-450 10	C-450 MAX 10	C-450 MAX 30
	C-550	C-550 10	C-550 MAX 10	C-550 MAX 30
	C-650	C-650 10	C-650 MAX 10	C-650 MAX 30
				C-750 MAX 10
UNIT CONFIGURATION				
Refrigerant	R-134a	R-134a	R-404a / R-452a	R-404a / R-452a
Voltage	12V / 24V	12V / 24V	12V / 24V	12V / 24V
Defrost	NO	YES	YES	YES
Heating	NO	NO	NO	YES
Standby	NO	NO	NO	NO
LIFE COST MANAGEMENT				
ThermoKare Service Contract	●	●	●	●
DATA CAPTURE, COMMUNICATIONS, TRACK AND TRACE				
TouchLog*	●	●	●	●
TrackKing**	●	●	●	●
CUSTOMIZATION				
Hose Cover	○	○	○	○
CSR Dashboard HMI Holder	○	○	○	○
Snow Cover***	○	○	○	○
Kit Hoses Large#	○	○	○	○
Kit Bumper Roof Mounting	○	○	○	○
Kit Swivel Manifold	○	○	○	○
Kit Fitting Hoses 90°	○	○	○	○

* Requires data logger

**Requires telematics device

***Snow Cover not available for C-450, C-550, C-650 or C-750

Kit Hoses Large not optionally available for C-550, C-650 or C-750. Large hose version supplied as default with unit.

● Standard configuration

○ Factory supplied option

✓ Dealer supplied option



MODEL	REFRIGERANT	REFRIGERATION CAPACITY: AT 0°/30°C AMBIENT/2400 RPM	REFRIGERATION CAPACITY: AT -20°/30°C AMBIENT/2400 RPM	HEATING CAPACITY ON ROAD: 2400 RPM	AIRFLOW	WEIGHT
	R-134a R-404a R-452a	0°C/30°C	-20°C/30°C	+18°C/-18°C		Total Weight
	-	W	W	W	m ³ /h	kg
C-550	R-134a	3790	-	-	2040	59.4
C-550 MAX	R-452a	5180	2525	4000	2040	59.7
C-650	R-134a	4200	-	-	2682	69.0
C-650 MAX	R-452a	6030	3000	4180	2682	69.1
C-750 MAX	R-452a	6820	3735	4350	2956	71.0

MODEL	DIMENSIONS CONDENSER			DIMENSIONS EVAPORATOR			ELECTRICAL	
	Condenser Width	Condenser Depth	Condenser Height	Evaporator Length	Evaporator Width	Evaporator Height	Total current consumption on the road	Total current consumption on the road
	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	12V DC (A)	24V DC (A)
C-550	1180	485	213	1080	592	236	45.0	22.5
C-550 MAX	1180	485	213	1080	592	236	45.0	22.5
C-650	1180	485	213	1336	733	226	53.0	26.5
C-650 MAX	1180	485	213	1336	733	226	53.0	26.5
C-750 MAX	1180	485	213	1330	592	240	53.0	26.5

FEATURES

- Engine-driven compressor – road only mode, no standby option
- Split system – condenser and evaporator not coupled
- Single temperature applications only
- QP16 compressor standard across all new models – available in 2A or PV8 pulley profile
- C-550, C-650 and C-750 share the same condenser fixing points as the C-450
- Drain pan and drain tube heaters
- Defrost sensor
- Adjustable expansion valve
- Quick connect hoses and fittings
- Service valve to allow for reduced maintenance time
- Dual condenser fan coverage

PRODUCT ORDERING

- Salesforce is live and ready to accept new orders.

TECHNICAL DOCUMENTATION

- Maintenance, installation, parts manuals, brochures and all the necessary technical and certification information are currently being uploaded onto InfoCentral and will be available before the end of June.

Thank you for your attention.

Should you have any questions, please feel free to contact me directly.

Yours faithfully,

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