

# PRODUCT INFORMATION NOTICE



*PIN No:* TEV-38  
*Date:* April 29, 2016  
*By:* Joe Berry  
*Issue:* Low Profile Unit Cooler changes  
*Subject:* Literature Update

The following revisions have been made to Russell's All-Temp Low Profile Unit Cooler product and literature (RU-AAX-0516A):

- This latest product bulletin introduces "C" revision upgrades for Air and Electric Defrost models.
  - The revision code changes to "C" for air and electric defrost units, i.e.: AA18-41**C** or AE16-36**C**.
  - Featured changes to the unit design include:
    - New stamped drain pan with rounded corners (no more welded corners)
    - New drain fitting setup - now removable with 3/4" MPT thread.
    - Leg style motor mount design now attaches motor and fan guard eliminating many unnecessary holes. Pal nuts are provided to keep the motor in place when the fan guard is removed.
    - 460V/1 PSC motors are now available.
    - A single tube sheet mounted DTFD instead of two controls for electric defrost units.
  - There are **no changes** for Hot Gas Defrost Units at this time. They remain revision code B, i.e.: AG16-41**B**
- Other details are described in the new product brochure and revised List Price sheet.
  - Please note that there are some feature restrictions to the "C" version models that require the use of the legacy "B" version models.
- View the second page of this document for a comparison of available features and options for revision "B" v/s revision "C" models. A separate PDF comparison document is also available.

Please refer to the product catalog for up-to-date information and available options. It is posted on the website at <http://russell.htpgusa.com/literature/unit-coolers-literature/walk-in-literature>. Printed copies can be ordered from the literature warehouse by using the form on the website at <http://russell.htpgusa.com/literature/order-literature/2011-08-01-19-14-10>.

**ACTION:** Please notify your representatives and customers of the availability of this update and send them the direct links to the website as listed above.



4/28/2016 **Low Profile Features and Options comparison**

**B-Revision Legacy**

**C-Revision - Air and Electric defrost**

<b>Standard Features</b>	Air Defrost models	Yes - for specials	Yes- with limited options
	Electric defrost models	Yes - for specials	Yes- with limited options
	Hot Gas defrost models (including High Sierra)	Yes	<b>No</b>
	Textured aluminum housing	Yes	Yes
	Baffled fan sections	Yes	Yes
	UL, cUL and NSF approved	Yes	Yes
	Drain Pan	Welded - Square corners	Die Stamped - Round corners
	Welded drain fitting installed in the horizontal position	Yes	—
	Stamped Hexagonal Drain Fitting with vertical MPT Connection	—	Yes
	Slot and Hinged end panels	Yes	Yes
	Shaded Pole Motors	<b>No</b>	<b>No</b>
	115V, 230V , 460V single speed PSC motors	Yes	Yes
	115V, 230/1 dual speed EC motors	Yes	Yes
	Sweat connections are standard	Yes	Yes
	Low throw black plastic fan guards	Yes	Yes
	Epoxy resin high throw fan guard	Yes	Yes
	<b>Electric defrost</b> heaters internal to the coil	Yes	Yes
	Panel mounted DTFD and separate Heater Safety	<b>No</b>	Yes
	Separate tube mounted DT and FD controls. Separate Heater Safety.	Yes	<b>No</b>
	Pipe for Master arrangement in master/slave applications - Code M	Yes	Yes <sup>2</sup>
Allowable refrigerants: 404A,22,507,407A,407F,407C,448A and 449A	Yes <sup>1</sup>	Yes	

1. B Vintage models can also be circuited for additional refrigerants. Contact Applications with inquiries.

2. Codes T, L and M are intended for units in finished goods inventory only. Call out separate options for units being built to order.

<b>Optional Features</b>	Mounted TXV - Code T	Yes	Yes <sup>2</sup>
	Mounted TXV, LLS and Mechanical T-Stat - Code L	Yes	Yes <sup>1</sup> & <sup>2</sup>
	Epoxy resin high throw fan guard	Yes	Yes
	Quick Connect Fittings	Yes	<b>No</b> <sup>1</sup>
	Insulated drain pan	Yes	<b>No</b> <sup>1</sup>
	Coated Aluminum fins (Russproof, AST- Electro Fin <sup>‡</sup> , Heresite)	Yes	Yes
	Copper fins	Yes	Yes
	Variable Speed Motors	<b>No</b>	<b>No</b> <sup>1</sup>
	Coated housing. RussProof White, RussProof Black, <b>ElectroFin</b> <sup>‡</sup> , Heresite <sup>‡</sup>	Yes	Yes

<sup>1</sup>Options that will soon be available on C version. PIN notice will be sent when available.

‡ ElectroFin and Heresite coatings are not NSF approved and NSF approval label will be removed from the unit if ordered with these coatings.

2. Codes T, L and M are intended for units in finished goods inventory only. Call out separate options for units with normal lead times.

**These options - Will not be made available on C vintage code.** Always use B Vintage code for these options.

<b>Optional Features</b>	Hot Gas defrost and associated components (including High Sierra)	Yes	<b>No</b>
	Adjustable termination/ fan delay control	Yes	<b>No</b>
	Surveillant Controller Mounted	Yes	<b>No</b>
	Stainless Steel Housing	Yes	<b>No</b>
	575V motors and heaters	<b>No</b>	<b>No</b>
	Unit coolers with a liquid temp lower than or equal to 80°F.	Yes†	<b>No</b>
	Unit coolers with suction temp higher than +30°F	Yes†	<b>No</b>
	Unit coolers with suction temp lower than -30°F	<b>No</b>	<b>No</b>
	Coils with TD lower than 8°F and higher than +20°F	Yes†	<b>No</b>
	Glycol Units	Yes	<b>No</b>
	CO <sub>2</sub> Units	Yes†	<b>No</b>
	Cold Saver	Yes	<b>No</b>
	Suction Line Check valves for Hot Gas	Yes	<b>No</b>
	XDX	Yes†	<b>No</b>
	Sensor option to be used in place of DT, FD or Room T-stat	Yes†	<b>No</b>
	Reverse Flow	Yes†	<b>No</b>
	Circuit Split	Yes†	<b>No</b>
	Air Straighteners	<b>No</b>	<b>No</b>
Service Switch	Yes	<b>No</b>	

† Requires special circuiting. Request RFQ through Applications Engineering.

Kramer units will be transitioned at a later date. A pin notice will be issued when the transition takes place.

Cross branding not allowed for C vintage models, i.e. no Kramer AA's etc.

Specify only vintage B models for all other non-standard conditions.