



# HOSHIZAKI AMERICA, INC.

## SERVICE BULLETIN

**SB97-0010R1**

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### **Subject: Optional Replacement Compressor For KM-1201**

An optional compressor has been chosen for replacing an earlier model Toshiba compressor. This compressor was used in older KM-1201 model cubers which were produced prior to mid 1988.

The original Toshiba compressor part # 2U0070-01 now subs to Hoshizaki part # SA0236 which consist of a Copeland CR28KQ-PFV980WB, start components and a drier.

Replacing the Toshiba compressor with the Copeland will require some standard field modification of the refrigerant piping. On KM-1201DW/DWU models one item that must be changed is the oil cooler loop. The Copeland compressor does not require an oil cooler. This loop is not used on the KM-1201D/DU/DSU models.

On KM-1201water cooled models "DW or DWU", the oil cooler lines must be cut within 2 inches of the condenser and capped or pinched and soldered.

Use proper refrigeration practices to clean up and evacuate the sealed refrigeration system. Replace the original drier with the new liquid line drier shipped with the compressor. Leak check the sealed system and re-charge the unit with the correct refrigerant per the nameplate rating.

Follow the unit wiring diagram provided with this bulletin to re-connect the compressor wiring. You will find that this is standard wiring for the compressor and start components. The new start components shipped with the Copeland compressor must be used! As always, double check the wiring connections before re-starting the unit.

Start components:

Start capacitor	# 3A0076-08
Run capacitor	# 3A2005-12

# KM-1201 Wiring Diagram for replacing Toshiba Compressor with Copeland Compressor.

