

# Addendum to Frig/Freezer Replacement Controllers

SUBJECT: **Controller jumper configuration for freezers and added menu items.**

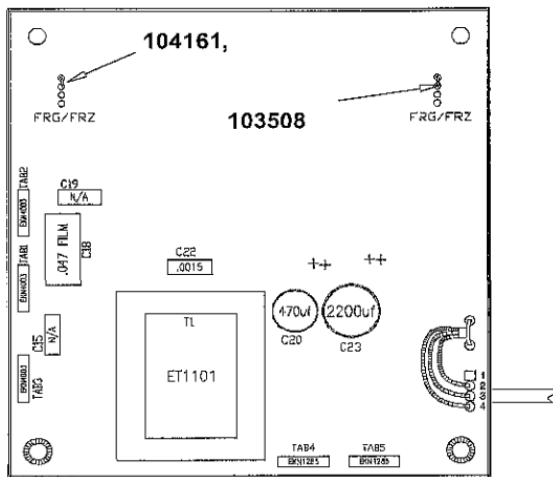
CONTROLLER PN'S: SPN103508, SPN104161, SPN104162, 316637H01, 316637H02, 316637H03, 316637H04.  
ADDENDUM PN: 105198, REV F, 03/08/2013

Before installing a replacement controller PCB into a **freezer**, the FRG/FRZ jumper must be cut and removed. The location of the jumper is shown below. NOTE: Refrigerators require no alteration.

**WARNING:** If you are not certain if the jumper should be cut and removed, please obtain the model number and call technical support at 1-800-438-4851.

Freezers requiring PN:  
SPN103508, SPN104161.

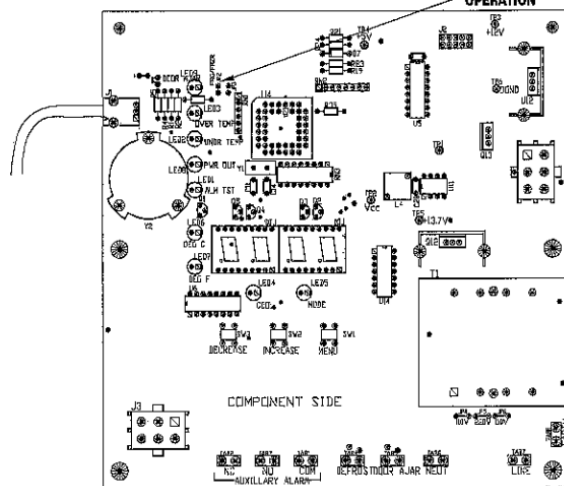
SNIP FRG/FRZ  
JUMPER FOR  
FREEZER OPERATION



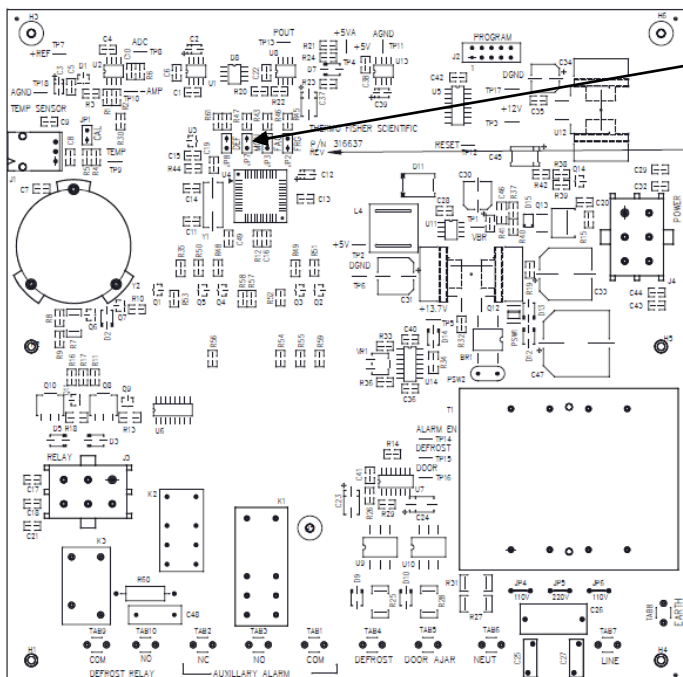
COMPONENT SIDE

Freezers requiring PN:  
SPN104162 or 316637H01,  
316637H02.

SNIP FRG/FRZ  
JUMPER @ JP2  
FOR FREEZER  
OPERATION



Freezers requiring PN: 316637H03,  
316637H04



Cut JP2 and JP8 for freezer operation

JP2	JP8	Mode
SHORT	SHORT	Refrigerator operation
OPEN	OPEN	Freezer operation with external defrost timer

An additional menu item has been added to the following controller revisions and is standard on controllers with later revisions.

PN	Rev.	PN	Rev.
103508	E	316637H01	A
104161' 105402	B	316637H02	A
104162	A	316637H03	A
		316637H04	A

NOTE: The revision level is indicated on the transformer side of the controller in the white box.

The added menu item is called the hold-off menu (Ho). It can be accessed by pressing and holding the menu keypad for 5 seconds. The first menu that comes up is the offset (oS) menu. Press the menu keypad again and the hold-off (Ho) display will appear, followed by a number. The number designates a time in minutes for the compressor to be held off. Use the up/down arrow keys to change the hold-off time to 6 minutes, then press the menu keypad to enter the value. Increasing the hold-off time provides more time for refrigerator evaporators to defrost during the *off-cycle*. In times of high humidity, increasing the hold-off time can help prevent evaporator freeze-up. If a hold-off time of 6 minutes results in poor performance, consult your user manual or call Technical Service for the recommended setting.

105198

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