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Issue No.: 01/10
Date: 10th June 2010
From: T King/K Edwards

Subject: SAGINOMIYA DE-ICE REPLACEMENT USING TEMPERZONE ELECTRONIC DE-ICE
Units: VARIOUS OLD OBSOLETE MODELS

We have been advised by the NZ agent that the Saginomiya SFB/X353 (and other variants) De-Ice Controller have now been discontinued from manufacture and have become impossible to obtain.

Our stock is now exhausted, so the best we can offer as a replacement is the temperzone Electronic De-Ice Controller Kit part number 201 191 001.

Unfortunately it is not a drop in replacement, for obvious reasons no provision has been made in earlier models to mount the electronic board so a home has to be found for this somewhere in the electrical box. The fixing holes are 5mmØ at 103mm x 61 mm centres. Use the plastic support pins provided in the kit.

The sensor diameter is 6mm and is different to the sensor bulb of the Saginomiya control.

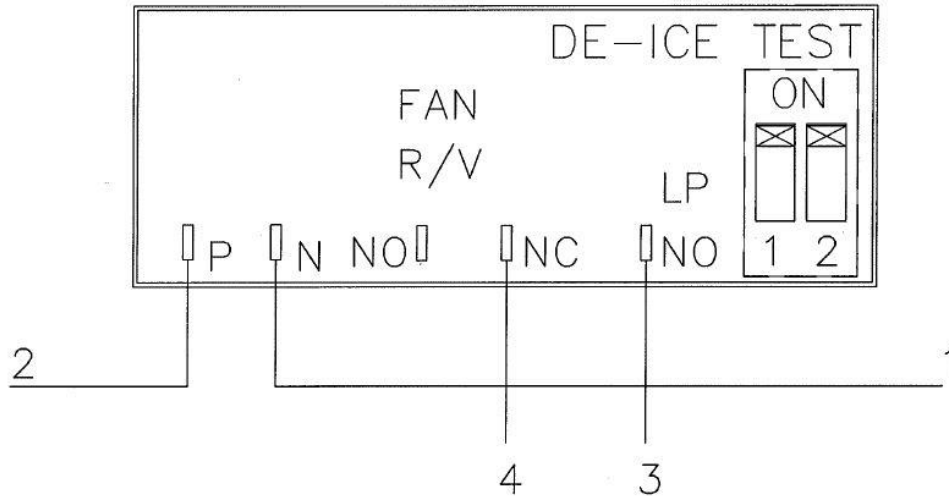
The sensor bulb can be cable tied or clamped to a return bend or inserted into the fins from the inside face (separate fins gently with a screwdriver). Select a point somewhere in the middle of a coil circuit (outdoor coil) preferably about a quarter of the way up from the bottom of the coil.

If fitted to a return bend ensure the sensor has good contact with the return bend using the heat contact paste provided and ensure it is clamped tightly.

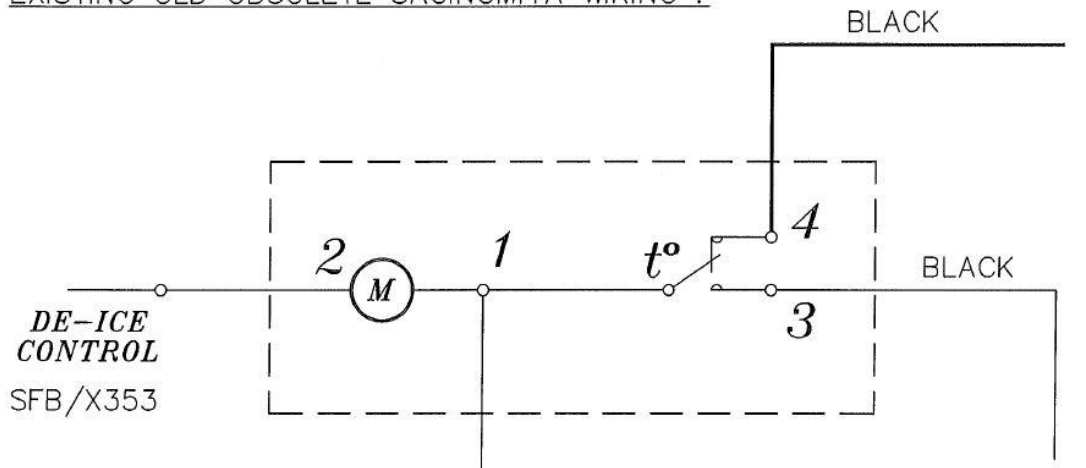
The wiring of the replacement electronic controller is relatively easy and the attached wiring diagram TOK-000-207 shows this clearly.

REPLACEMENT ELECTRONIC DE-ICE BOARD WIRING :

*t/Z ELECTRONIC DE-ICE
CONTROLLER KIT (201 191 001)*



EXISTING OLD OBSOLETE SAGINOMIYA WIRING :



ISSUE	MODIFICATION	EC/N	DATE	APRVD	DRG No.	DESCRIPTION	Mat.l	FINISH	ASSY No.
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Programmed by

©temperzone ltd
2000

Title **T/Z DE-ICE CONTROLLER
CONTROL SCHEMATIC**



Drawn D.W.H	Date 20-07-09	Drawing No. TOK-000-207	Revision
Scale	Aprvd <i>[Signature]</i>		