

Please reply to: AUCKLAND

TO : AUTHORISED DEALERS
APPROVED INSTALLERS
SERVICE MANUAL HOLDERS
H.O., REG. & AUST. MGRS

ISSUE NO. : 8/86

DATE : 10 SEPTEMBER 1986

FROM : TONY KING

SUBJECT : SPLIT SYSTEM UNITS

UNITS : SCR 150 - 2000

There have been numerous requests from customers who want to cross match evaporators of one size unit with a condensing unit or units of a different sized unit. It is important in every instance that the Engineering Division at Head Office be consulted as in some cases it should not be done and in all cases we will insist on certain requirements.

The smaller sized units (150, 225 and 250) can only be matched as shown in the pamphlet and/or installation instructions. They must not be cross matched with the larger units (300 to 2000). The smaller units are single phase, have capillary control in both the evaporator and condensing units, the liquid line always operates as a liquid line, and the wiring of both sections is compatible with each other. The larger units are three phase, have capillary or thermo-electric valve control in one section only (this varies with the size of unit), the liquid line operates as a low pressure line on one cycle and the wiring of both sections is compatible with each other.

Where cross matching of the larger units is considered, we regard this as a special application and would be subject to the following criteria.

1. temperzone (Engineering Department) must be consulted before system is offered to the end client.
2. The warranty of the refrigeration system will be invalid if not installed by a temperzone approved installer.
3. temperzone must be advised on placement of order who is to install the refrigeration equipment and who is to be ultimately responsible for it.

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4. temperzone must be informed on how the system is to be piped, wired and controlled and we reserve the right to insist that it be to our satisfaction.
 5. temperzone is to be informed on the start up date so that a temperzone engineer can be present to assist in the commissioning of the system. Allowance in the quoted price must be made for this single site visit.

Failure to meet these requirements will invalidate the warranty. The above criteria would apply to any split system unit that is not applied in its standard configuration.