



temperzone

air conditioning and heating

A P P L I C A T I O N S N O T I C E

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TO: AUTHORISED DEALERS
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 H.O., REG. & AUST. MGRS

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DATE: 22 FEBRUARY 1991
FROM: C. SNELL / K. EDWARDS

SUBJECT: LOW / NO EXTERNAL RESISTANCE APPLICATIONS
UNITS: DSER 301 TO DSER 3300 SPLIT SYSTEM UNITS
 BD 300 TO BD 3300 PACKAGED UNITS

NOTE:

It has come to our attention that some air conditioning systems are being designed and installed with very little, and in some cases, with no supply or return air ducting.

The result, in some of these applications, is that the supply air fan motor has burnt-out.

Great care must be taken, with respect to the amps drawn by the supply air fan motor, if you are designing or installing an air conditioning system with little or no external resistance.

Readings must be taken to ensure that the drawn motor amps do not exceed the motor full load amps.

The table below sets out the supply air fan motor full load amps for the company's current range of three phase split systems and packaged roof top units.

SPLIT SYSTEMS		PACKAGED ROOF TOP	
Unit	Supply Air Fan Full Load Amps	Unit	Supply Air Fan Full Load Amps
DSER 301	5.7	BD 300	5.7
DSER 401	6.4	BD 400	6.4
DSER 501	6.4	BD 500	6.4
DSER 601	6.4	BD 600	6.4
DSER 701	6.9	BD 700	6.9
DSER 800	3.5 / ph.	BD 800	3.5 / ph.
DSER 1000	3.5 / ph.	BD 1000	3.5 / ph.
DSER 1200	3.5 / ph.	BD 1200	3.5 / ph.
DSER 1500	4.7 / ph.	BD 1500	4.7 / ph.
DSER 2000	6.3 / ph.	BD 2000	6.3 / ph.
DSER 2500	8.0 / ph.	BD 2500	8.0 / ph.
DSER 3300	11.0 / ph.	BD 3300	11.0 / ph.

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