DESCRIPTION

PRODUCT COVERED:

* USR: Fans, Electric - Component, Models DV5212, DV5214, DV5218, followed by additional suffixes, Vario-Pro.

ELECTRICAL RATINGS:

The following table itemizes the products covered along with their electrical ratings.

Model	Voltage	Max Watts
A. DV5212	12 dc	25
B. DV5214	24 dc	23.1
*C. DV5218	48 V dc	24

Variations by Model Number:

Model No.	1	2	3	4	5	6	7	8	8A	9	10
A.	X	X	X	X	X	X	X	X	X	X	X
B.	X	X	X	X	X	X	X	X	X	X	X
*C.	X	X	X	X	X	X	X	X	X	X	X

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

The standards used for this investigation were:

UL 507, Ninth Edition
CAN/CSA - C22.2, No. 113

USR: Indicates United States Standards, Recognized.

Conditions of Acceptability:

Use - For use only in complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

1. This investigation was established to cover a Class A Insulation System Only.

2. The suitability of these fans, when operating under normal or abnormal conditions within an appliance or enclosure, should be determined for each application.

3. The acceptability of the external lead of the models described in this Report should be determined for each application with regard to size, temperature limitations, and any other aspect that might be required in the end use product.

4. The suitability of these fans when exposed to water, oil, freon, chemical, x-rays, ultraviolet rays and the like, has not been determined by this investigation.

5. These fans shall be mounted and enclosed in accordance with the frame and enclosure requirements of the end product. Suitable enclosure or guards shall be provided for the fan blade to reduce the risk of injury to person.

6. The Temperature Test conducted on the fans described in this report was done in an ambient temperature of 25°C. The suitability of these fans when they are intended to operate in an ambient temperature greater than 40°C should be evaluated in the end use investigation.

NOMENCLATURE BREAKDOWN:

*DV	52	12	/12	N	T	R	U	-#####
*1	2	3	4	5	6	7	8	9

1. Series Name.
2. Frame Dimensions:
   52 - 127 mm
3. Voltage:
   12 - 12 V dc
   14 - 24 V dc
* 18 - 48 V dc
4. Sensor/Alarm Version: See Ill. 3
5. Speed Variation:
   M - Medium Speed
   N - Standard Speed
* 6. Variable Speed Control:
   T: External NTC, A: Control Voltage, I: Internal NTC, P: Pulse Width modulation (PWM).
* 7. Corrosion Protection:
   No suffix = standard version
   R = Stator Varnished
* 8. Environment Protection:
   U - Winding and terminals are completely potted.
* 9. 5 digit suffix for customer identification.

CONSTRUCTION DETAILS:

Refer to Section General.