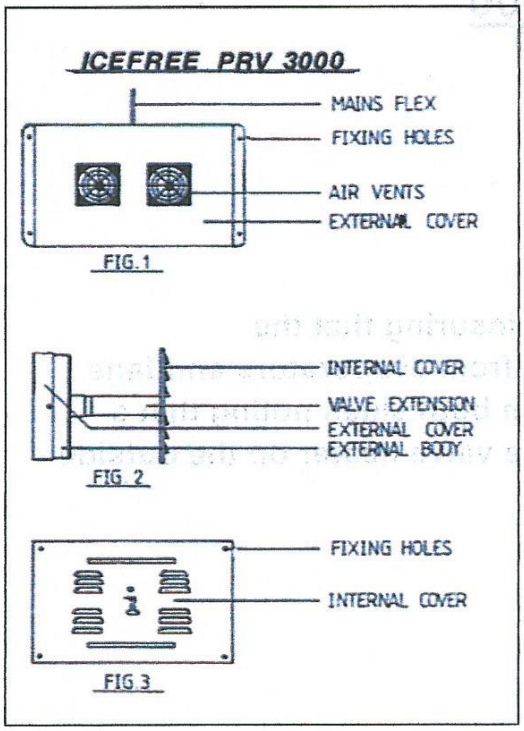
# Icefree Sapphire Ltd - Icefree P.R.V. 3000




## STANDARD FEATURES

ANODIZED VALVES ALLOW RAPID AIR MOVEMENT

HEATER FITTED TO CENTRE VALVE PLATE GIVES ADEQUATE AND EVEN HEAT DISSIPATION

SUITABLE FOR PANEL THICKNESS 75mm TO 200mm EASILY ADAPTED FOR GREATER PANEL THICKNESS

POWDER COATED WHITE ZINTEC INNER AND OUTER LOUVER PLATES

WALL OR CEILING MOUNTED

POWER SUPPLY 240v

EASILY INSTALLED

**STAIN**LESS STEEL BODY & LOUVER PLATES AVAILABLE AT EXTRA COST

HEATER WORKING LIGHT AVAILABLE AT EXTRA COST

**APPLICATION** TO OVERCOME THE INCREASE AND DECREASE IN PRESSURE

**RAPID PRESSURE DECREASE** AS THE COLDROOM IS BROUGHT DOWN IN TEMPERATURE

**RAPID PRESSURE INCREASE** OCCURS AS THE EVAPORATION FANS SWITCH ON AFTER DEFROST OR PRODUCE IS LOADED IN THE ROOM

**CONSTANT VALUES** 273-127-2

**CALCULATIONS** ROOM SIZE 4000m3 RUNNING TEMP -30c

**EXAMPLE 1:** PULL DOWN 6 c PER HOUR

$$\frac{2 \times 4000m3 \times 6}{273-30} = \frac{48000}{243} = \frac{197.5}{127} = 1.55 \text{ valves}$$

**EXAMPLE 2:** PULL DOWN 12 c PER HOUR

$$\frac{2 \times 4000m3 \times 12}{273-30} = \frac{96000}{243} = \frac{395}{127} = 3.11 \text{ valves}$$

**EXAMPLE 3:** PULL DOWN 24 c PER HOUR

$$\frac{2 \times 4000m3 \times 24}{273-30} = \frac{192000}{243} = \frac{790}{127} = 6.22 \text{ valves}$$

**PLEASE NOTE THAT WE DO NOT RECOMMEND THE FITTING OF ONLY ONE VALVE**

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