



UNIVERSAL COOPERATE LTD.

Model UCL-WL25KW
Water Loads
25K Watts DC-800MHz



UCL high power water load consists of a 50 Ω RF load assembly, a heat exchange system and a control system, it can be used to absorb max 25-50KW RF energy within DC-800MHz frequency range by releasing RF energy to heat with water cooled method. Further more, the control system can display RF power, water temperature of input and output, and coolant level. It features advanced technology, high power absorbing and facility in use.

NOMINAL IMPEDANCE: 50 Ω

FREQUENCY RANGE: DC-800MHz

AVERAGE POWER: 25KW

VSWR: ≤ 1.10 (DC-100MHz)

≤ 1.25 (100-800MHz)

CONNECTOR TYPE: IF110,IF70,L36(F)

COOLANT: 100% Potable Water Only

Or 65% Potable Water+35% Ethylene Glycol Mixture

COOLANT CAPACITY: About 10L

POWER DISPLAY ACCURACY: $\pm 10\%$

AC POWER: 220V

FINISH: Grey Powder Coat

AMBIENT TEMPERATURE:

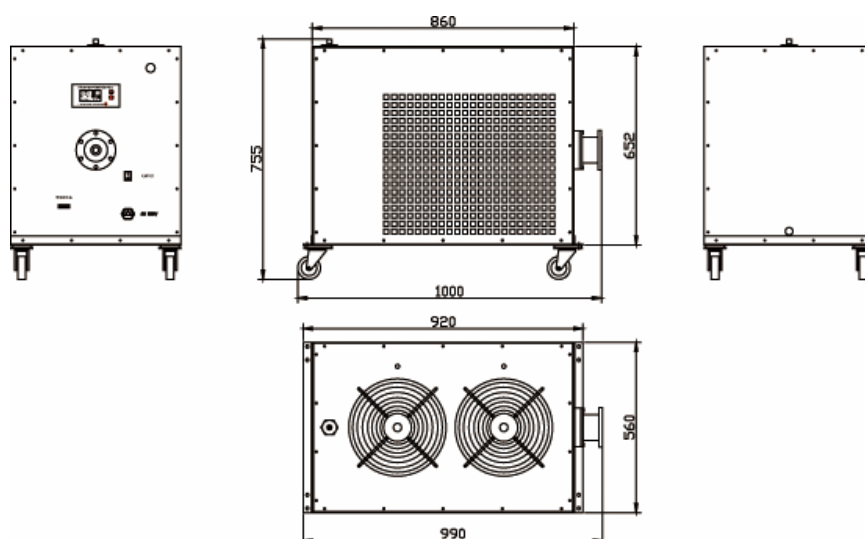
With Potable Water only: $+5^{\circ}\text{C} \sim +45^{\circ}\text{C}$

65% Potable Water+35% Ethylene Glycol Mixture: $-20^{\circ}\text{C} \sim +35^{\circ}\text{C}$

WEIGHT: 100Kg

PHYSICAL DIMENSIONS: 990 \times 560 \times 755mm

Outline Drawings



* Dimensions are given in mm and tolerance $\pm 2\%$.

** VSWR varies according to frequency.

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