



## Environmental Control Units

The Environmental Control Unit (ECU), DEW Part No. 7763-0001, is a light weight expeditionary cooling and heating unit powered by a 208 VAC electrical supply. The DEW ECU incorporates an advanced heat pump and environmentally responsible refrigerant resulting in a high seasonal performance factor. Electric resistance heating elements supplement the heat produced by the heat pump producing high heat output during cold periods. It has the capability of maintaining a 20°C to 26°C interior temperature (in cool mode) or a minimum 10°C interior temperature (in heat mode) in large soft-wall and rigid-wall shelters and structures in regions with ambient temperatures ranging from -19°C to 49°C. The ECU cooling and heating capabilities can be modified and tailored to meet customer requirements.

SPECIFICATIONS	
Cooling Capacity (BTU)	60,000
Seasonal Energy Efficiency Ratio (SEER)	15
Heating Capacity @ 47°F (BTU/hr)	55,000
Heating Capacity @ 17°F (BTU/hr)	28,600
HSPF (BTU/Watt-hr)	8.20
Electric Heat (Watt)	7,900
Nominal air Flow (CFM)	2,000
Refrigerant Type	R410A
Weight	241 kg
Dimensions	1,950 mm L x 1,160 mm W x 1,100 mm H
Power	208VAC, 3ph, 60hZ
Operating Temperature Range	-19°C to 49°C
FEATURES	
Remote control panel	Yes
Adjustable fresh air intake	Yes
Stackable, easily moved with supplied removable wheels	Yes
Integrated ancillary equipment storage	Yes
Heat Pump	Yes
STANDARDS	
EMI emissions (RE 102 and CE 102)	MIL-STD-461F
Environmental testing	MIL-STD-810G

