



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 156-07-E

Manufacturer: Powerwave Technologies Inc., 1801 E. St. Andrew Place, Santa Ana, CA 92705

Trade Name(s): VersaFlex Enclosure

Product: VersaFlex Enclosures, 7.0 and 9.0

Pertinent Code Section(s): 27-770, 27-777

Prescribed Test(s): RS 13-11B (ANSI B9.1), RS 13-11A (UL 1995)

Laboratory: Underwriters Laboratories, Inc.

Test Report(s): UL File MH29987 dated July 20, 2005, revised February 6, 2007.

Description: The VersaFlex enclosure is a compact high-capacity modular telecommunication/electronics enclosure solution designed for light weight transportation consideration and civil site requirements. The enclosure is largely made of aluminum construction with powder-coated surfaces. The shelter comes standard with a 10-ton capacity sub-floor HVAC system and electric circuits installed as well as electronic wiring and telecommunications cabling and components. The cooling/heating air-conditioning system used in the enclosures is a component comprising of a metal enclosure, condenser coil, fan and fan motor and appropriate controls with the ratings listed on the following page.

Ratings, Wiring and Identification

Model Identification

<u>ECU</u>	<u>••</u>	<u>AC</u>	<u>•</u>	<u>•</u>
Environmental Control Unit	Cooling Capacity 120 = 110,000 BTUH (2 Stages) 73 = 73,000 BTUH	Air Conditioner	Voltage A = 208/230V, 1 Ph, 60 Hz C = 208/230V, 3 Ph, 60 Hz D = 460V, 3 Ph, 60 Hz	Electric Heat 2.0 kW

Summary Ratings

Model	Nominal Cooling (Btu/hr)	Indoor Air-flow at 0.2" ESP (CFM)	Wiring Requirements				Indoor Air Mover		
			Circuit #1		Circuit #2		Circuit # 1		Circuit #2
			MCA	MFS	MCA	MFS	Cooling	Heating	Cooling
ECU73ACA-2.0	68,000	2300	25.8	40	20.0	35	21.8	16.0	11.3
ECU120ACA-2.0	110,000	2300	39.0	60	31.3	60	32.7	11.0	25

MCA = Minimum Circuit Ampacity (Wiring Size Amps)

MFS = Minimum External Fuse or External HACR Circuit Breaker Size

Electrical Characteristics

Model	Compressor (ea.)		Outdoor Air Mover			Indoor Air Mover		
	RLA	LRA	RPM	FLA	Watts	RPM	FLA	Watts
ECU73ACA-2.0	16.0	88	1040	2.9	660	1040	2.9	660
ECU120ACA-2.0	25	148	1040	5.0	1100	1040	2.7	660

RLA = Rated Load Amps

LRA = Locked Rotor Amps

Terms and Conditions: The above-described units are accepted under the following conditions:

1. Units shall use only Refrigerant R-22.
2. Units shall be installed indoors only.
3. All equipment shall be furnished with a permanently affixed metal tag stating that if installed in New York City within 100 feet of any dwelling unit window, there shall be compliance with all provisions of Section 27-770, subdivision 4, as to maximum sound levels permitted for exterior mechanical equipment.
4. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and accepted for use, as provided in Section 27-131 of the New York City Building Code.

5. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
6. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.

Final Acceptance 11/16/07

Examined By Suyani. Prasad