



# 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 147-05-E

**Manufacturer:** FHP Manufacturing Co., 601 NW 65<sup>th</sup> Court, Fort Lauderdale, FL 33309

**Trade Name(s):** FHP

**Product:** Packaged, water-source heat pump units

**Pertinent Code Section(s):** 27-777

**Prescribed Test(s):** RS 13-6 (ANSI B9.1), RS 13-11 (UL 1995)

**Laboratory:** Underwriters Laboratories, Inc.

**Test Report(s):** UL File SA11555, Project 04ME15687, issued March 1, 2005

**Description:** Packaged, water-source heat pump units designed for outdoor installation. R-410A is the refrigerant used for the system. Unit is comprised of hermetically sealed compressor, tube-in-tube type water-cooled condenser with piping connectors, evaporator, expansion valve and safety controls. An electrically-operated reversing valve is provided to initiate the reverse heat cycle. Units, with model numbers, cooling and heating capacities, are listed below:

Model No.	Mfr.'s Specified Nominal Cooling Capacity (Tons)	Mfr.'s Specified Nominal Heating Capacity (BTUH)
EC007	7	6,200
EC009	9	7,800
EC012	12	11,000
EC015	15	14,000
EC018	18	18,500
EC024	25	25,000
EC030	30	29,000

Model No.	Mfr.'s Specified Nominal Cooling Capacity (Tons)	Mfr.'s Specified Nominal Heating Capacity (BTUH)
EC036	36	36,000
EC040	40	38,000
EC042	42	42,000
EC048	48	48,000
EC051	51	47,500
EC060	60	62,000
EC070	70	68,000

**Terms and Conditions:** The above-described packaged, water-source heat pump units, in conjunction with compatible heat-rejection equipment such as a cooling tower, are accepted with the following conditions:

1. Units shall be installed indoors only.
2. Units shall use only Refrigerant R410-A.
3. Cooling tower or other compatible outdoor heat-rejection equipment, if installed within 100 feet of any dwelling unit window, shall be in compliance with all provisions of Section 27-770, Subdivision 4, and to the maximum sound levels permitted for exterior mechanical equipment.
4. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
5. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
6. 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 acceptable for use, as provided in Section 27-131 of the New York City Building Code.

Final Acceptance 5/23/07  
 Examined By Shyam