



# Report of Materials and Equipment Acceptance Division

NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Patricia Lancaster, FAIA, Commissioner  
(212) 566-5000, TTY: (212) 566-4769

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 18-06-E

**Manufacturer:** HTS Engineering Ltd. 115 Nor Fench Drive, Toronto, Ontario M3N 1WG

**Trade Name(s):** HTS Signature Series

**Product:** Water Source Heat Pump.

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

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

**Laboratory:** ETL Testing Laboratories Inc.

**Test Report No.:** 3071785-001, dated 1/17/06

**Description** – Single Package water source heat pumps series. R-22 or R-410A for indoor use only, may be configured in vertical up flow or down flow or horizontal. Major internal components are direct expansion air coils, water to refrigerant coaxial heat exchangers, refrigerant flow reversing valves, direct drive fan motor/blower assembly, hermetic motor processor driven electrical controls.

Model No.	Nominal Cooling Capacity	Mfr.'s Specified Nominal Heating Capacity BTUH @70 Inlet Fluid
R-22-HRP30	3/4	9,000
R-22-HRP40	1.0	12,000
R-410A-HRP60	1.5	18,000
R-410A-HRP80	2.0	24,000
R-410A-HRP100	2.5	30,000

**Terms and Conditions:** That the above described water source heat pump units, in conjunction with compatible heat rejection equipment such as cooling tower, be accepted for indoor installation only, using refrigerant R-22 or a R-410A, under the following conditions:

1. Cooling tower or other compatible outdoor heat rejection equipment, if installed within 100 feet of any dwelling unit window, complies with all provisions of Section 27-770, subdivision 4, as to maximum sound levels permitted for exterior mechanical equipment.
2. All shipments and deliveries of such equipment shall be provided with a tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and acceptable for use, as provided for in Section 27-131 of the Building Code.
3. Approval of all electrical equipment, apparatus, materials, and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance 6/5/06  
Examined by Shyam. Prasad