



# 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 167-05-E Vol. 2

**Manufacturer:** ClimateMaster, Inc., 7300 SW 44<sup>th</sup> Street, Oklahoma City, OK 73179

**Trade Name(s):** Tranquility

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

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

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

**Laboratory:** Intertek Testing Services NA, Inc.

**Test Report(s):** 3112049CRT-004 dated September 22, 2007

**Description:** Packaged water source heat pump units, designed for indoor 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 connections, evaporator, expansion valve and controls. An electrically operated reversing valve is provided to initiate the reverse heat cycle. Units, with model numbers and manufacturer's specified nominal cooling and heating capacities, are listed below:

Model No.	Cooling Capacity (Btu/hr)	Heating Capacity (Btu/hr)
TTV/D/H026, PTV/D/H026, YDV/D/H026, HTV024	26,000	26,000
TTV/D/H038, PTV/D/H038, YDV/D/H038, HTV036	38,000	38,000
TTV/D/H049, PTV/D/H049, YDV/D/H049, HTV048	49,000	49,000
TTV/D/H064, PTV/D/H064, YDV/D/H064, HTV060	64,000	64,000
TTV/D/H072, PTV/D/H072, YDV/D/H072	72,000	72,000
TSV/H006, PSV/H006	6,000	6,000
TSV/H009, PSV/H009	9,000	9,000
TSV/H012, PSV/H012	12,000	12,000

Model No.	Cooling Capacity (Btu/hr)	Heating Capacity (Btu/hr)
TSV/D/H018, PSV/D/H018, YEV/D/H018	18,000	18,000
TSV/D/H024, PSV/D/H024, YEV/D/H024	24,000	24,000
TSV/D/H030, PSV/D/H030, YEV/D/H030	30,000	30,000
TSV/D/H036, PSV/D/H036, YEV/D/H036	36,000	36,000
TSV/D/H042, PSV/D/H042, YEV/D/H042	42,000	42,000
TSV/D/H048, PSV/D/H048, YEV/D/H048	48,000	48,000
TSV/D/H060, PSV/D/H060, YEV/D/H060	60,000	60,000
TSV/D/H070, PSV/D/H070, YEV/D/H070	70,000	70,000

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

1. Units are for indoor installation only.
2. Units shall utilize Refrigerant R-410A.
3. 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, and to maximum sound levels permitted for exterior mechanical equipment.
4. Approval of electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control 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 accepted for use, as provided for in Section 27-131 of the Building Code.

Note: In accordance with Section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance December 20, 2007  
 Examined By Sun Derkhoodam