



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 7-08-E

Manufacturer: LG Electronics Inc., 1000 Sylvan Avenue, Englewood Cliffs, N.J. 07632

Trade Name(s): LG Electronics

Product: Water source heat pump type air conditioners
MEA Index #20 – Air Conditioning Equipment

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

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

Laboratory: ETL Intertek Testing Services

Test Report(s): Project No. 3138091CRT-003 dated January 30, 2008.

Description: The models covered in this report are water source heat pump units intended for permanent connection to the electrical source of supply. They consist of a single unit employing a hermetic refrigerant motor-compressor with a factory-charged refrigerant system. R-410A is the refrigerant used for the systems. Field wiring terminals are provided for the electrical supply source by means of field installed conductors. Units, with model numbers, heating and cooling capacities are listed below:

Model No.	Unit Type	Cooling Capacity (Btu/hr)	Heating Capacity (Btu/hr)
AKWW0093AA0	Indoor (cabinet part)	9,500	12,000
AKWW0093YA0	Indoor (cycle part)	9,500	12,000
AKWW0093SA0	Both (combined)	9,500	12,000
AKWW0123AA0	Indoor (cabinet part)	12,700	15,900
AKWW0123YA0	Indoor (cycle part)	12,700	15,900
AKWW0123SA0	Both (combined)	12,700	15,900

Model No.	Unit Type	Cooling Capacity (Btu/hr)	Heating Capacity (Btu/hr)
AKWW0183AA0	Indoor (cabinet part)	19,000	23,900
AKWW0183YA0	Indoor (cycle part)	19,000	23,900
AKWW0183SA0	Both (combined)	19,000	23,900
AKWW0243AA0	Indoor (cabinet part)	25,300	31,800
AKWW0243YA0	Indoor (cycle part)	25,300	31,800
AKWW0243SA0	Both (combined)	25,300	31,800
AKWW0363UA0	Both (combined)	36,000	40,000
AKWW0483UA0	Both (combined)	48,000	53,400
AKWW0603UA0	Both (combined)	60,000	67,000

Terms and Conditions: The above-described packaged water source heat pump units in conjunction with compatible heat rejection equipment, such as a cooling tower or outdoor air-cooled condensers, are accepted 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 of the Building Code, as to maximum sound levels permitted for exterior mechanical equipment.
2. R-410A is the refrigerant used for the systems.
3. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
4. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
5. 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.

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 April 28, 2008

Examined By Jim Darkhudam