



NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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Report of Materials and Equipment Acceptance Division

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 265-07-E

Manufacturer: McQuay International, 300 24th Street Northwest, Faribault, MN 55021

Trade Name(s): McQuay, Maverick, MPS II, MPS

Product: Rooftop air conditioners, cooling or cooling/heating units

Pertinent Code Section(s): 27-770, 27-777, 27-800

Prescribed Test(s): RS 14-2 (ANSI Z223.1)

Laboratory: Intertek Testing Services

Test Report(s): 3098357CRT-002 dated June 4, 2007.

Description: The MPS II rooftop air conditioner is comprised of a return-air section, filter section, evaporator coil, supply air-fan section, discharge-air section, and a mechanical refrigerant condensing section. There are also options for outside air intake, gas heat, electric heat and hot water heat.

The MPS-030A* through MPS-050A* rooftop air conditioners are designed for permanent outdoor commercial installation. They employ mechanical cooling, utilizing R-410A refrigerant. An automatic pressure-limiting device is provided with a setting of 650 psig. Units, with model numbers with cooling and heating capacities, are listed on the following page.

Model No.	Mfr.'s Specified Nominal Cooling Capacity (Tons)	Air-flow Range (CFM)	Manufacturer's Specified Nominal Heating Capacity		
			Gas	Electric	Hot Water
MPS-030A*	30	4,445 – 15,240	300 – 600 MBH	54 – 90 KW	175 – 625 MBH
MPS-035A*	35	4,445 – 15,240	300 – 600 MBH	54 – 90 KW	175 – 625 MBH
MPS-040A*	40	5,145 – 17,640	400 – 800 MBH	72 – 108 KW	200 – 720 MBH
MPS-050A*	50	6,248 – 21,420	400 – 800 MBH	72 – 108 KW	200 – 720 MBH

* = Y – Cooling; G – Gas heating

Terms and Conditions: The above-described packaged air conditioner units are accepted with the following conditions:

1. Heating section must operate on natural gas, electric or hot water, and cooling section employs only Refrigerant R-410A.
2. Units shall be installed outdoors only.
3. Installed clearances from combustible construction shall be in accordance with RS14-15 of New York City Building Code.
4. If utilized for residence heating, the circulatory air system shall have (a) one register or grille without closeable shutters and the duct leading thereto shall be without a damper, or (b) dampers and shutter within the system that shall be constructed or controlled so as to prevent closure beyond 80 percent of the gross duct area at all times.
5. 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.
6. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
7. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.

8. 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.

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 September 5, 2007

Examined By Saim Derbhadan