



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

## 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 93-07-E

**Manufacturer:** Mitsubishi Electric A/C & Refrigeration Systems Works,  
 5-66 Tebira 6 Chome, Wakayama-City  
 JAPAN 640-8686

**Trade Name(s):** CITY MULTI VRFZ Systems

**Product:** Multi-split water-sourced heat pumps

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

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

**Laboratory:** Intertek, ETL Semko Division

**Test Report(s):** JP050078 dated July 28, 2005.

**Description:** Heat source units of inverter-driven air conditioner/heat pump system to be used with multi-indoor units. For the PQR series, multi-indoor units are controlled by a BC controller which is in line between the heat source unit and indoor unit. Units are intended to be permanently connected to an electrical branch circuit and intended for indoor installation.

Type	HP	Model	Voltage	No. of Phase	Frequency	A, VA or W
Heat Source Units	8	PQHY-P72TGMU-A	280/230V	3-phase	60 Hz	Cooling: 16.19A/14.64A, 5.25kW
		PQHY-P96TGMU-A				Heating: 16.77A/15.17A, 5.44kW
	10	PQHY-P96TGMU-A		4-wires		Cooling: 21.43A/19.38A, 6.95kW
		PQRY-P72TGMU-A		Heating: 21.09A/19.07A, 6.84kW		
	8	PQRY-P72TGMU-A		1-Ground		Cooling: 16.19A/14.64A, 5.25kW
		PQRY-P96TGMU-A				Heating: 16.77A/15.17A, 5.44kW
10	PQRY-P96TGMU-A	Cooling: 21.43A/19.38A, 6.95kW				
			Heating: 21.09A/19.07A, 6.84kW			

**Terms and Conditions:** The above-described heat pump units are accepted for under the following conditions:

1. Units shall use only Refrigerant R-410-A.
2. Units shall be installed indoors only.
3. 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.
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 accepted for use, as provided in Section 27-131 of the New York City Building Code.

Final Acceptance 11/16/07  
Examined By Sayon, AJ