



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
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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 241-06-E

Manufacturer: Fujitsu General America, 353 Route 46 West, Fairfield, N.J. 07004

Trade Name(s): Fujitsu General

Product: Heat pump units

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

Prescribed Test(s): RS 13-11B (ANSI B9.1), RS 13-11A (UL 1995, UL 465), RS 14-6 (ANSI Z21.47)

Laboratory: Intertek Testing Laboratories

Test Report(s): No. 3065248-001 dated December 28, 2004.

Description: Heat pump units designed for outdoor installation. R-410A is refrigerant used for system. Each unit is comprised of hermetically-sealed compressor, air-cooled condenser with fan, expansion valve, evaporator coil, fan motor, blower and electrically-operated safety controls. An electrically-operated reversing valve is provided to initiate to reverse heat cycle. Units, with model numbers, cooling and heating capacities, are listed below:

Model No.	Description	Cooling (BTUH)	Heating (BTUH)
36RSLX	Halcyon Model: Air conditioner – Heat pump- Mini-split 2.5~3 Ton variable speed inverter-controlled compressor	8,500 – 36,000	9,200 – 42,700
18RCLX	Halcyon Model: Air conditioner – Heat pump- Mini-split 2.5~3 Ton variable speed inverter-controlled compressor	5,000 – 21,500	5,000 – 25,600

Model No.	Description	Cooling (BTUH)	Heating (BTUH)
24RCLX	Halcyon Model: Air conditioner – Heat pump- Mini-split 2.5~3 Ton variable speed inverter-controlled compressor	5,000 – 27,300	5,000 – 29,000
36RCLX	Halcyon Model: Air conditioner – Heat pump- Mini-split 2.5~3 Ton variable speed inverter-controlled compressor	8,500 – 36,000	9,200 – 42,700
42RCLX	Halcyon Model: Air conditioner – Heat pump- Mini-split 3.5 Ton variable speed inverter-controlled compressor	13,700 – 45,000	14,300 – 54,600
24RL	Halcyon Model: Air conditioner – Heat pump- Mini-split 1.5~2.5 Ton variable speed inverter-controlled compressor	5,200 – 26,000	4,100 – 36,200
18RMLQ	Halcyon Model: Air conditioner – Heat pump- Mini-split 1.5~2.5 Ton variable speed inverter-controlled compressor	10,000 – 22,600	10,000 – 26,000
21RMLQ	Halcyon Model: Air conditioner – Heat pump- Mini-split 1.5~2.5 Ton variable speed inverter-controlled compressor	10,000 – 26,000	10,000 – 32,000
24RMLQ	Halcyon Model: Air conditioner – Heat pump- Mini-split 1.5~2.5 Ton variable speed inverter-controlled compressor	10,000 – 27,600	10,000 – 33,000
27RMLQ	Halcyon Model: Air conditioner – Heat pump- Mini-split 1.5~2.5 Ton variable speed inverter-controlled compressor	11,000 – 33,000	10,000 – 40,200
30RMLQ	Halcyon Model: Air conditioner – Heat pump- Mini-split 1.5~2.5 Ton variable speed inverter-controlled compressor	11,000 – 33,900	10,000 – 40,000
33RMLQ	Halcyon Model: Air conditioner – Heat pump- Mini-split 2.5~3 Ton variable speed inverter-controlled compressor	11,000 – 34,600	10,000 – 41,000
36RMLQ	Halcyon Model: Air conditioner – Heat pump- Mini-split 2.5~3 Ton variable speed inverter-controlled compressor	11,000 – 36,000	10,000 – 42,600
18RULX	Halcyon Model: Air conditioner – Heat pump- Mini-split 2.5~3 Ton variable speed inverter-controlled compressor	5,000 – 21,600	5,000 – 25,600
24RULX	Halcyon Model: Air conditioner – Heat pump- Mini-split 2.5~3 Ton variable speed inverter-controlled compressor	5,000 – 27,300	5,000 – 29,000

Model No.	Description	Cooling (BTUH)	Heating (BTUH)
9RQ	Halcyon Model: Air conditioner – Heat pump- Mini-split 1.5~2.5 Ton variable speed inverter-controlled compressor	9,700	9,600
12RQ	Halcyon Model: Air conditioner – Heat pump- Mini-split 1.5~2.5 Ton variable speed inverter-controlled compressor	12,300	12,800
9RLQ	Halcyon Model: Air conditioner – Heat pump- Mini-split 1.5~2.5 Ton variable speed inverter-controlled compressor	3,600 – 12,000	3,000 – 18,000
12RLQ	Halcyon Model: Air conditioner – Heat pump- Mini-split 1.5~2.5 Ton variable speed inverter-controlled compressor	3,800 – 14,500	3,100 – 21,000
15RLQ	Halcyon Model: Air conditioner – Heat pump- Mini-split 1.5~2.5 Ton variable speed inverter-controlled compressor	5,500 – 17,000	4,600 – 25,000
24RLQ	Halcyon Model: Air conditioner – Heat pump- Mini-split 1.5~2.5 Ton variable speed inverter-controlled compressor	5,200 – 26,000	4,100 – 36,200
18RL	Halcyon Model: Air conditioner – Heat pump- Mini-split 1.5~2.5 Ton variable speed inverter-controlled compressor	5,500 – 19,000	4,600 – 29,000

Terms and Conditions: The above-described heat pump units are accepted for outdoor installation only, under the following conditions:

1. Units shall use only Refrigerant R-410A.
2. 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.
3. 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 as to maximum sound levels permitted for exterior mechanical equipment.
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 acceptable for use, as provided in Section 27-131 of the New York City Building Code.

Final Acceptance 7/16/07

Examined By 