



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Robert D. LiMandri, Acting Commissioner
(212) 566-5000, TTY: (212) 566-4769

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 126-08-E

Manufacturer: Dectron Inc., 4300 Poirier Blvd.,
Montreal, Quebec H4R 2C5, CANADA

Trade Name(s): Dectron Inc., Circul-Aire Inc., RefPlus Inc.,
Thermoplus Air Inc., Ecosaire

Product: Air Conditioners
MEA Index #20-30 – Air-Conditioning Equipment

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

Prescribed Test(s): RS 13-11B (ANSI B9.1), RS 13-11 (UL1995, UL465)

Laboratory: Intertek Testing Services

Test Report(s): Report Nos. 3066853 and 3074497

Description: These air conditioners are permanently connected to the supply, and are intended for indoor use. All models are similar in construction. The electrical components in the control enclosures are similar and the motors, blowers, compressors, evaporators and condensers differ only in sizes. Units, with model numbers and cooling capacities, are listed below:

Model No.	Mfr's Specified Nominal Cooling Capacity (BTU/h) Air Cooled
CM-*-030	31,600
CM-*-050	59,200
CM-*-070	84,900

Model No.	Mfr's Specified Air Volume CFM		Mfr's Specified Nominal Cooling Capacity (Ton) Water Cooled	
	Min.	Max.	Min.	Max.
PCC-09	1,800	4,500	6	30
PCC-15*	3,000	7,500	10	48
PCC-18	3,600	9,000	10	60
PCC-21	4,200	10,500	10	72
PCC-24*	4,800	12,000	12	72
PCC-25	5,000	12,500	12	72
PCC-27	5,400	13,500	12	96
PCC-30	6,000	15,000	15	96
PCC-35	7,000	17,500	18	120
PCC-40*	8,000	20,000	18	120
PCC-42	8,400	21,000	20	120
PCC-45	9,000	22,500	24	120
PCC-48	9,600	24,000	24	144
PCC-54	10,800	27,000	24	144
PCC-56	11,200	28,000	30	144
PCC-64	12,800	32,000	30	144
PCC-72	14,400	36,000	36	144

Model No.	Mfr's Specified Nominal Cooling Capacity (BTU/h) Air Cooled
EC-*-028	97,700
EC-*-036	111,200
EC-*-041	127,000
EC-*-046	167,000
EC-*-056	200,300
EC-*-066	229,000
EC-*-076	275,000
EC-*-086	339,600
SM-*-030	40,400
SM-*-050	62,500
SM-*-070	71,900

Terms and Conditions: The above-described air-conditioning units are accepted under the following conditions:

1. Units shall use only Refrigerants R-410A, R-22 and R-407C
2. A tag must be permanently affixed to the equipment 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.
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 May 30, 2008

Examined By Simon Derfhausen