



# 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 402-04-E

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

**Trade Name(s):** Dectron Inc., RefPlus Inc., Thermoplus Air Inc.

**Product:** Dehumidifiers and pool water heaters

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

**Prescribed Test(s):** RS 13-11 (CSA C22.2 No. 236, UL 1995, ANSI B9.1)

**Laboratory:** Intertek Testing Services (ITS)

**Test Report(s):** ITS File 173-121510, dated July 24, 2000, revised May 12, 2004.

**Description:** These dehumidifiers are permanently connected to the supply. The evaporator and air-cooled condenser coils are next to each other, with or without heat exchanger coils for water, swimming pool, whirlpool spa and hot tub. These units can be used for commercial and residential applications. Various options are available (air conditioning, heating, Electric, gas boiler, hot water, steam, enthalpy wheel, filtration). R-22 is the refrigerant used for the system. Units, with model numbers and dehumidifying capacities, are listed below:

<b>Model No. D or R followed by SH, SV, SF, BH, A5, V5, B5, F5, SA, SB, SPA, SPB, followed by:</b>	<b>Average Dehumidifying Capacity – lbs/hr With Air at 82°F DB and 60% RH</b>
<b>-010</b>	<b>12.3</b>
<b>-015</b>	<b>14.0</b>
<b>-020</b>	<b>23.1</b>
<b>-030</b>	<b>31.5</b>
<b>-040, -042</b>	<b>45.5</b>
<b>-050</b>	<b>57.8</b>
<b>-060, -062</b>	<b>68.3</b>

Model No. D or R, followed by SH, SV, SF, BH, A5, V5, B5, F5, SA, SB, SPA, SPB, followed by:	Average Dehumidifying Capacity – lbs/hr With Air at 82°F DB and 60% RH
-080, -082	91
-100, -102	117.3
-120, -122	145.3
-150, -152	175
-162	201.3
-182	227.5
-202	253.8
-242	280
-282	341.3
-362	455
-482	560
-562	682.5

Note: Model numbers are followed by a digit denoting the voltage/phase/frequency.

(2 = 208/1/60; 3 = 230/1/60; 4 = 208-230/1/60; 5 = 208-230/3/60;  
6 = 230/3/60; 7 = 460/3/60; 8 = 575/3/60; 9 = 208/3/60).

**Terms and Conditions:** The above-described dehumidifiers are accepted under the following conditions:

1. Units shall use Refrigerant R-22 only.
2. Units are for commercial and residential use.
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, it shall be in compliance with all provisions of Section 27-770 of the New York City Building Code 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 accepted for use, as provided in Section 27-131 of the New York City Building Code.

Final Acceptance

1/14/08

Examined By

Shyam. [Signature]