

**CITY OF NEW YORK
DEPARTMENT OF BUILDINGS**

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of Materials and Equipment Acceptance (MEA) Division.

Richard C. Visconti, R.A., Acting Commissioner

**MEA 115-00-E
Report of Material and Equipment Acceptance Division**

Manufacturer – Dectron Inc., 4300 Poirier Blvd., Montreal, Quebec, Canada H4R 2C5.

Trade Name(s) – Dry-O-Tron.

Product – Dehumidifiers and pool water heaters.

Pertinent Code Section(s) – 27-770, 27-777.

Prescribed Test(s) -RS 13-6 (ANSI B9.1), RS 13-11 (CSA C22.2 No. 236; UL 1995).

Laboratory – Intertek Testing Services.

Test Report(s) – ETL File 489889, last revised October 20, 1994 and ETL file 520596, dated August 26, 1992. ITS File 173-121502, dated March 5, 1998. ITS letter 173-121504, dated January 21, 1998. ITS File 173-121506, dated July 20, 1998. ITS File 173-121508, dated July 28, 1998. ITS File 173-121509, dated March 2, 1999.

Description – Dehumidifiers and pool water heaters, designed for indoor swimming pools, whirlpools, spas and hot tubs. R-22 is the refrigerant used for the system. The packaged unit includes compressor, evaporator and condenser coil, fan, water heater and controls. The packaged unit is field connected to a matching outdoor air cooled condenser or built-in water cooled condenser. Units with model number and dehumidifying capacity are listed below:

Model No.	Average Dehumidifying Capacity - lbs/hr at Air on 82F DB and 60% RH
DS-152	182
DS-162	208
DS-362	454
DS-482	560
DS-562	680
DSV, DV5-010	11
DSV, DV5-015	13.7
DSV, DV5-020	23.1
DSV, DV5-030	30.3
DSV, DV5-040	45.5
DSFA, DSPA, DSPB-040,-050	45.5
DSFA, DSPA, DSPB-042	46.2

Model No.	Average Dehumidifying Capacity - lbs/hr at Air on 82F DB and 60% RH
DSFA, DSPA, DSPB-060, 070	64.8
DSFA, DSPA, DSPB-062	60.6
DSFA, DSPA, DSPB-080	91
DSFA, DSPA, DSPB-100	117
DSFA, DSPA, DSPB-120	140
DSFA, DSPA, DSPB-122	129
DSFA, DSPA, DSPB-150	175
DSFA, DSPA, DSPB-152	182
DSFA, DSPA, DSPB-162	208
DSFA, DSPA, DSPB-182	227
DSFA, DSPA, DSPB-242	280
DSFA, DSPA, DSPB-282	339
DSFA, DSPA, DSPB-362	454
DSFA, DSPA, DSPB-482	560
DSFA, DSPA, DSPB-562	680
DA5-015	13.7
DA5-152	182
DA5-362	454
DA5-482	560
DA5-562	680
DB- DB5-040,-050	45.5
DB- DB5-042	46.2
DB- DB5-060,070	64.8
DB- DB5-062	60.6
DB- DB5-080	91
DB- DB5-100	117
DB- DB5-120	140
DB- DB5-122	129
DB- DB5-150	175
DB- DB5-152	182
DB- DB5-162	208
DB- DB5-182	227
DB- DB5-242	280
DB- DB5-282	339
DB- DB5-362	454
DB- DB5-482	560
DB- DB5-562	680
DK-010	21

Model No.	Average Dehumidifying Capacity - lbs/hr at Air on 82F DB and 60% RH
DK-015	29
DK-020	29
DK-030	57
DK-040	80
DK-050	92
DK-060	114
DK-080	136
DK-100	183
DK-120	224
DK-150	275
DK-200	340
DK-240	448
DK-300	550
MAM-016	4.1
MAM-024	8.9
MAM-030	11.2
MAM-036	13.2
MAM-042	15.3
MAM-048	19.5
MAM-060	25.8

- Notes:
1. Models may have an "R" in their nomenclature (i.e., RS-120) to denote a rooftop unit. All rooftop units must have a drain hole in the bottom of the wiring compartment of at least 1/8 inch (3.2 mm) and must be marked "Outdoor Use" or equivalent.
 2. Model numbers may be followed by -201, -21, -203, -23, -43 or -53 to denote voltage system. 208/1/60, 230/1/60, 208/3/60, 230/3/60, 460/3/60, 575/3/60.

Recommendation - That the above described dehumidifier and pool water heater used in conjunction with compatible heat rejection equipment such as a cooling tower or outdoor air cooled condenser, be accepted under the following conditions:

1. All outdoor 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 provisions with all provisions of Section 27-770, subdivision 4, as to maximum sound levels permitted for exterior mechanical equipment.
2. 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 for in Section 27-131 of the Building Code.
3. Approval of electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance 4/26/2000
Examined By S.M. Idris