

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.

Patricia J. Lancaster, A.I.A., Commissioner

MEA 239-03-E  
Report of Material and Equipment Acceptance Division

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

Trade Name(s) - Thermoplus.

Product - Air-cooled condensing units.

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 - ITS Report 173-109713, dated January 25, 2001 (revised June 17, 2003).

Description - Air-cooling condensing units as described. These are air-cooled condensing units (for split system), that are permanently connected to supply.

They are intended to be used with remote indoor air handlers and coils to provide cooling. They incorporate a compressor, a condenser coil, a blower/motor assembly and controls. They are designed for "through-the-wall: or recessed applications such as high rise apartments, condominium and multi-story office buildings. R-22 is the refrigerant used for the system. Units, with model numbers, and nominal cooling capacities, are listed below:

| Model No.                 | Mfr.'s Specified Nominal Cooling Capacity (BTU/h) |
|---------------------------|---|
| KWCU/KWLCU-012-4          | 12300/12000                                       |
| KWCU/KWLCU-019-4          | 19300/19000                                       |
| KWCU/KWLCU-024-4,-5       | 24600/24000                                       |
| KWCU/KWLCU-030-4,-5,-7,-8 | 30000   |

Note: KWCU (vertical configuration) and KWLCU (Low profile, horizontal configuration) Model numbers are followed by a single digit for voltage system (4+208/230V, 1 ph, 60 Hz; 5 + 208/230 V, 3 ph, 60 Hz; 7 + 460V, 3 ph, 60 HZ; 8 + 575 V, 3 ph, 60Hz).

Recommendation - That the above described air-cooling condensing units, be accepted, when utilizing refrigerant R-22, under the following conditions:

1. 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.
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 acceptable for use, as provided for in section 27-131 of the Building Code.
3. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance 8/26/03  
Examined by Shya vs. [Signature]