

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 the Material and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, A.I.A., Commissioner  
MEA 42-03-E

Report of Material and Equipment Acceptance Division  
Manufacturer—Heatcraft, Inc., Refrigeration Products Div., Stone Mountain,  
GA.

Trade Name – Heatcraft.

Product – Air cooled condensing units.

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

Prescribed Tests - RS 13-6 (ANSI B9.), RS 13-11 (UL 1995).

Laboratory – Underwriters Laboratories Inc.

Test Reports – UL File SA4273, dated January 31, 2003.

Description – Packaged air cooling condensing units, designed for outdoor installation. R-22 is the refrigerant used for the system,. Unit consists of air cooled condenser, direct driven centrifugal fan, hermetic type compressor and controls. Maximum high pressure settings, psig permitted by adjustable means shall be  $\frac{1}{2}$  only. Units, with model numbers and cooling capacities, are listed below.

**PRODUCT COVERED:**

Condensing units model 865 Series as described in the following section.

Note: A part number may describe multiple models of identical construction.

General:

# - For engineering use only.

Part Number	Typical Model
86520501	###1200L6C
86520601	###1200L6D
86520701	###1200L6E
86520801	###1500L6C
86520901	###1500L6D
86521001	###1500L6E
86521101	###1500M6C
86521201	###1500M6D
86521301	###1500M6E
86521401	###2200L6C

86521501	###2200L6D
86521601	###2200L6E
Part Number	Typical Model
86520501	###1200L2C
86520601	###1200L2D
86520701	###1200L2E
86520801	###1500L2C
86520901	###1500L2D
86521001	###1500L2E
86521101	###1500H2C
86521201	###1500H2D
86521301	###1500H2E
86521401	###2200L2C
86521501	###2200L2D
86521601	###2200L2E

Model number nomenclature

Example - B D T 1200 L 2 6 C #  
 Position (1) (2) (3) (4) (5) (6) (7) (8) (9) (10)

Position	Variable	Description of Variable
(1) (2) (3)	Any letter	Any combination of 1 to 3 letters indicating brand identification, compressor, and application.
(4)	Numbers	Nominal Compressor Horsepower example: 0300 – 3 hp.
(5)	Temperature Range	L – Low Temperature (0°F to –40°F) M – Medium Temperature (40°F to –10°F) H – High Temperature (40°F to 10°F)
(6)	Refrigerant Type	2 – R22 6 – 404A 4 – R134a
(7)	Voltage Range	2 or B – 208-230/1/60 3 or c – 208-230/3/60 4 or D – 460/3/60 5 or E – 575/3/60 9 or G – 230/1/60
(8)	Any letter	Special Designation
(9)	Any letter	Special Designation
(10)	Any letter (Blank) (Any Letter)	Optional Feature Designation Standard Features Unit has Optional Features

Note: 1. Models with "L2" or "L6" suffix demand cooling kits.

2. The nominal <sup>tonnage</sup> can range from 2 to 15 tons.

Recommendation - That the above described direct air cooled condensing units be accepted for outdoor installation, when utilizing refrigerant R-22, under the following conditions:

1. All equipment shall be furnished with permanently affixed metal tags 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. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.
3. All shipments and deliveries of such equipment shall be accompanied by a metal tag, certifying that the equipment shipped or delivered are equivalent to that tested and acceptable for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance

5/12/03

Examined by

Shyam R. Prasad