

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 48-02-E  
Report Materials and Equipment Acceptance Division

Manufacturer – Krack Corporation, 401 S. Rohlwing Road, Addison, IL 60101.

Trade Name - Krack.

Product – Refrigeration condensing units.

Pertinent Code Section(s) – 27-771, 27-772.

Prescribed Test – RS 13-11 (UL1995).

Laboratory - Underwriters Laboratories, Inc.

Test Report – UL File SA2392, dated April 4, 1997, revised February 25, 2002.

Description – Refrigeration condensing units, as listed below. Unit comprises motor compressor, air cooled condenser coil, liquid refrigerant receiver with refrigerant and motor operating and safety controls.

Condensing units(+), Model KO or KI followed by D, S, or B, 020 through 200, followed by A, K, or M, followed by L, H, or M, followed by 1, 2, 3, 4, 5, or 7. Refer to nomenclature (Part A, page 2).

Condensing units(+), Model KO or KI followed by D, H, Z, S, or B, followed by 005 through 299; followed by L, H, M, EM, or A; followed by 1, 2, 3, 4, 5, or 7 followed by A, K, or M; (++) . Refer to nomenclature (Part B, page 3).

(+) – With or without prefix C (no construction change).

(++) – With or without suffix: a dash followed by a series of characters.

NOMENCLATURE (Part A) :

$\frac{KO}{I}$     $\frac{D}{II}$     $\frac{020}{III}$     $\frac{A}{IV}$     $\frac{H}{V}$     $\frac{1}{VI}$

- I. KO Series designation (outdoor unit)  
KI Series designation (indoor unit)
  
- II. D - Copeland discus compressor  
S - Copeland scroll compressor  
B - Bitzer compressor
  
- III. Compressor nominal horsepower designation.
  - 020 - 2 hp
  - 030 - 3 hp
  - 040 - 4 hp
  - 050 - 5 hp
  - 060 - 6 hp
  - 075 - 7-1/2 hp
  - 080 - 8 hp
  - 090 - 9 hp
  - 100 - 10 hp
  - 011 - 11 hp
  - 150 - 15 hp
  - 200 - 20 hp
  
- IV. Voltage designation.
  - A - 208-230/1/60
  - K - 208-230/3/60
  - M - 460/3/60
  
- V. Temperature range
  - H - High (maximum evaporator temperature 40°F)
  - M - Medium (maximum evaporator temperature 25°F)
  - L - Low (maximum evaporator temperature 40°F)
  
- VI. Refrigerant.
  - 1 - R12
  - 2 - R22
  - 3 - R134a
  - 4 - R404A
  - 5 - R502
  - 7 - R507

NOMENCLATURE (Part B):

<u>KOB</u>	<u>020</u>	<u>H</u>	<u>1</u>	<u>A</u>	<u>-####</u>
I, II	III	IV	V	VI	VII

- I. KO Series designation (outdoor unit)  
KI Series designation (indoor unit)
- II. D - Copeland discus compressor  
Z - Copeland scroll compressor  
B - Bitzer compressor  
S - Copeland Semi-hermetic compressor  
H - Copeland Hermetic compressor
- III. Compressor code designation  
  
005 to 299 - Three digit code indexing a compressor  
model/condenser coil configuration.
- IV. Temperature range.  
  
A - Air Conditioning (Maximum evaporator temperature 55°F)  
H - High (Maximum evaporator temperature 45°F)  
EM - Extended Medium (Maximum evaporator temperature 30°F)  
M - Medium (Maximum evaporator temperature 25°F)  
L - Low (Maximum evaporator temperature 0°F)
- V. Refrigerant  
  
1 - R12  
2 - R22  
3 - R134a  
4 - R404A  
5 - R502  
7 - R507
- VI. Voltage designation.  
  
A - 208-230/1/60  
K - 208-230/3/60  
M - 460/3/60
- VII. Manufacturer bill of material code (optional), characters  
after a dash are for factory use only.

Recommendation - That the above described condensing units, be accepted, under the following conditions:

1. Units shall be installed in accordance with manufacturer's instructions and New York City Electrical Code requirements.
2. The installation shall not interfere with accessibility for operation and servicing.
3. No flammable material (except electrical insulation) shall be located in the machine or wiring compartments unless specified.
4. All shipments and deliveries of such equipment shall be provided with a laboratory label and a permanent 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.
5. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance 3/25/02

Examined by Shyam M. Inawad