

**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 117-02-E**

**Report Materials and Equipment Acceptance Division**

**Manufacturer – Hill Phoenix, 1925 Ruffin Mill, Colonial Heights, VA 23834.**

**Trade Name – Hill Phoenix.**

**Product – Commercial refrigerators and freezers, remote systems, display cases.**

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

**Prescribed Tests – RS 14-6 (UL 471).**

**Laboratory - Underwriters Laboratories, Inc.**

**Test Report – UL File SA1211, dated April 25, 1995, April 26, 1995, September 25, 1989, September 1, 1992, June 2, 1993, September 27, 1995, and October 6, 1998, and September 4, 1998.**

**Description – Commercial refrigerators and freezers for display products with remote condensing units in food stores. Units comprise on/off switches, remote units, interconnecting refrigerant lines, expansion valves, refrigeration controllers and evaporators. They employ an electric or not gas defrost system. Some units employ no defrost system. Types of refrigerants used are R12, R22, or R502.**

**PRODUCT COVERED**

The following UL File SA1211, Volume 3 Report sections cover the noted equipment:

Sec. 1, Issued 04-24-95

Remote Single Deck Meat Case, Models OM4, -6, -8, -12, OMZD4, -6, -8, -12 and Single Deck Produce, Models OP and OC4, -6, -8, -12.

Sec. 2, Issued 04-25-95

Remote Multi-Deck Meat Case, Models OHM, OHMH, ONHM, ONHMH, O2UM, O2.5UM, O3UM, O3.5UM, O4U followed by 6, 8 or 12.

Sec. 3, Issued 04-26-95

Remote Multi-Deck Produce Case, Models OHP6, OHP8, OHP12, OHPH6, OHPH8, and OHPH12, ONHP6, ONHP8, ONHPH6, ONHPH8, ONHPH12.

Sec. 4, Issued 04-27-95

Remote Multi-Deck Dairy/Meat Case, Models O5DM4, -6, -8 -12, ON5DM4, -6, -8, -12, O5DMH4, -6, -8, -12, ON58, -12; O5DR8, -12.

Sec. 8. Issued 09-01-92

Remote Models OWIZ8, 12, OWEZ, ONZ8, 12, ONZOU8, 12, OIZ8, 12, ONIZ6, 8, 10, 12

Sec. 9. Issued 06-02-93

Remote Models VIPO-8, -12; VIPOB-6, -8, -10, -12; VIPOBB-8, -12; VMGWO-8, -12; VMGWOB-6, -8, -10, -12; VMGWOB-8, -12; O3IC-8, -12; O3ICB-6, -8, -12; O3IP-8, -12; O3IPB-8, -12; O4IC-8, -12; O4ICB-6, -8, -12; VM: SNB, -8W, -8WB, -12N, -12NB, -12W, -12WB; OIP-8, -12; OIPB-6, -8, -10, -12; OIPBB-8, -12; OIM-8, -12; OIMB 12; OIMBB-8, -12.

Non-Refrigerated Remote Models VIPOD-8, -12; VIPOBD-6, -8, -10, -12; VIPOBBD-8, -12; OIPD-8, -12; OIPBD-6 12; OIPBBD-8, -12.

Sec. 10. Issued 09-27-95

Remote Glass Door Reach In Case, Models ORZ3, -4, -5, ORZ2, ORB2, -3, -4, -5, ONRZ2, -3, -4, -5, ONRB2, -3, -4, ORZH2, -3, -4, -5, ORBH2, -3, -4, -5, ONRZH2, -3, -4, -5, ONRBH2, -3, -4, -5, ORIZ2, -3, -4, -5, ONRIZ2, -3, -4, 5, 3, -4, -5, ONRIZH2, -3, -4, -5, ORIB2, -3, -4, -5, ONRIB2, -3, -4, -5, ORIBH2, -3, -4, -5, ONRIBH2, -3, -4, -5 and OF

Sec. 11. Issued 10-06-98

Remote Models OSI4, OSI6, OSI8, OSI12, OSIO4, OSIO6, OSIO8, OSIO12, OSA4, OSA6, OSA8, OSA12, OSAC OSAG8, OSAG12, OSM4, OSM6, OSM8, OSM12, OGM8 and OGM12.

Sec. 12. Issued 12-04-98

Remote Models ONU4, -47, -6, -71

**Recommendation - That the above described commercial refrigerators and freezers, 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. Adequate supply of fresh air shall be provided into room or space enclosing equipment for ventilation.
3. The installation shall not interfere with accessibility for operation and servicing.
4. No flammable material (except electrical insulation) shall be located in the machine or wiring compartments unless specified.
5. 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.
6. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance 6/20/02

Examined by Stephen M. Brown