

CITY OF NEW YORK
DEPARTMENT OF BUILDINGS

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

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

MEA 181-03-E
Report of Material and Equipment Acceptance Division

Manufacturer – Detroit Radiant Products Company, 21400 Hoover Road,
Warren, MI 48089.

Trade Name – Re-Verber-Ray or Dayton.

Product – Infrared Heaters.

Pertinent Code Sections - 27-800, 27-826.

Prescribed Test - RS 14-6 (ANSI Z21.6), RS 14-2 (ANSI Z223.1).

Laboratory – CSA International Inc.

Test Report- No. 1004700, dated November 22, 2002.

Description – Gas fired, infrared radiant heaters, designed for indoor installation only. Unit consists of aluminized steel ceramic type main burners, an intermittent ignition means consisting of pilot burner and igniter (electrode), sensing probe, ignition control, dual automatic valve and combination gas pressure regulator. Units, with model number input heating ratings, mounting angle and minimum installation clearances from heater surfaces to adjacent combustible materials, are listed below:

Vented Overhead Tube Type Infrared Heaters equipped with an electric ignition system.

HL-2, ST, DET (20,30,40)-65N	Vented, Suspended	Max 65,000 Min 50,000
HL-2, ST, DET (20,30,40)-75N	Vented, Suspended	Max 75,000 Min 50,000
HL-2, ST, DET (20)-100N	Vented, Suspended	Max 96,000 Min 65,000
HL-2, ST, DET (30,40,50)-100N	Vented, Suspended	Max 100,000 Min 65,000
HL-2, ST, DET (30,40,50,60)-125N	Vented, Suspended	Max 125,000 Min 95,000

HL-2, ST, DET (40,50,60)-150N	Vented, Suspended	Max 150,000 Min 100,000
HL-2, ST, DET (40,50,60,70)-175N	Vented, Suspended	Max 175,000 Min 22,500
HL-2, ST, DET (50,60,70,80)-200N	Vented, Suspended	Max 200,000 Min 144,000

Note: Minimum installed clearances from combustible construction shall be in accordance with RS 14-15 of the New York City Building Code.

Recommendation - That the above units be accepted for commercial industrial type and non-residential type heating operation on natural gas only, for indoor overhead installation only with combustion air and required ventilation air provided, and where clearances from adjacent combustible surfaces are not less than the minimum indicated above. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control Board before installation. All shipments and deliveries of such equipment shall be provided with metal tags, suitably placed, certifying that the equipment shipped or delivered are equivalent to those tested and acceptable for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance 1/26/04

Examined by Shyam M. Prasad