

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 203-03-E

Report of Material and Equipment Acceptance Division

Manufacturer – Modine Manufacturing Co., 1500 DeKoven Avenue, Racine, Wisconsin 53401.

Trade Name – Gas fired unit heaters.

Pertinent Code Sections- 27-800, 27-826, RS 14-2 (ANSI Z223.1).

Prescribed Tests- RS 14-6 (ANSI Z83.8).

Laboratory- CSA International.

Test Report- Report No. 168694-1249707 dated July 14, 2003.

Description – Self-contained, gas fired, power exhausted unit heaters, model PDP and BDP, for indoor suspended mounting within the area to be heated, as tabulated. PDP unit heaters are low static type with propeller circulator. BDP units are high static type with blower circulator. Unit comprises ported type main burners, continuous ignition means including pilot burner with thermocouple assembly or intermittent ignition system comprising pilot burner, igniter electrode and flame sensor, combination gas control and temperature limit control with 140 degrees Fahrenheit setting. Units, with model numbers and input heating ratings, are listed below:

Model No.	Maximum	Minimum
(PDP) 30 (A,S) (A,E)	30,000	None
(PDP) (BDP)50 (A,S) (A,E)	50,000	25,000
(PDP) (BDP)75 (A,S) (A,E)	75,000	37,000
(PDP) (BDP)100 (A,S) (A,E)	100,000	50,000
(PDP) (BDP)125 (A,S) (A,E)	125,000	62,500
(PDP) (BDP)150 (A,S) (A,E)	150,000	75,000
(PDP) (BDP)175 (A,S) (A,E)	175,000	87,500
(PDP) (BDP)200 (A,S) (A,E)	200,000	100,000
(PDP) (BDP)250 (A,S) (A,E)	250,000	125,000
(PDP) (BDP)300 (A,S) (A,E)	300,000	150,000
(PDP) (BDP)350 (A,S) (A,E)	350,000	175,000
(PDP) (BDP)400 (A,S) (A,E)	400,000	200,000

- Notes: 1. Alternate construction is indicated by suffixes as follows: A-Aluminized steel heat exchanger, S-Stainless steel heat exchanger; A-Standing pilot, E-Intermittent pilot ignition, M-Indicating minimum input 50% of maximum input.
2. Minimum installed clearances from combustible construction shall be in accordance with RS 14-15 of the Building Code.

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

Final Acceptance August 26/03
Examined by S. Derkhuizen