

**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 408-92-E Vol. III
Report of Material and Equipment Acceptance Division

Manufacturer – Sterling Gas Product, Div. of Mestek, Inc., 260 North Elm Street, Westfield, Massachusetts 01085.

Trade Name – Beacon/Morris.

Product – Gas fired separated combustion unit heaters.

Pertinent Code Sections – 27-800, 27-825, RS 14-2 (ANSI Z223.1).

Prescribed Test – RS 14-6 (ANSI Z83.8).

Laboratory – CSA International Inc.

Test Report – CSA No. 189869-1172387 dated September 19, 2001 and August 18, 2003.

Description – Separated combustion, gas fired, suspended heater, designed for commercial and industrial use for indoor installation. Unit comprises heat exchanger assembly, aluminized steel main burner, intermittent ignition system comprising pilot burner, igniter, electrode and flame sensor, combination gas pressure regulator and induced draft assembly. Units are provided with temperature limit control set at 170 thru 220 degrees Fahrenheit, maximum. Units, with model numbers and input heating ratings, are listed below:

Model Number	Input Rate
BMS (F,B) 100	100,000
BMS (F,B) 125	125,000
BMS (F,B) 150	150,000
BMS (F,B) 175	175,000
BMS (F,B) 200	200,000
BMS (F,B) 225	225,000
BMS (F,B) 250	250,000
BMS (F,B) 300	300,000
BMS (F,B) 350	350,000
BMS (F,B) 400	400,000

- Notes:
1. Units shall be installed as suspended appliance with the following minimum clearances in combustible construction: top- 6 inches; flue - 6 inches; left and right sides - 18 inches; bottom - 24 inches.
 2. Units are designed as separated combustion system appliance, where air for combustion is obtained from the outside atmosphere and flue gases are discharged to the outside atmosphere.

Recommendation - That the above described gas fired unit heaters be accepted for operation on natural gas only, in an indoor suspended installation for commercial industrial type heating only where flammable gases or vapors are not present, and where clearances from adjacent combustible surfaces are not less than the minimum clearances indicated above. Heaters shall not be operated until installation is approved for such operation by the Gas Company. 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 shall have a metal tag permanently affixed to the units and 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 JAN 30/04

Examined by S Derphudan