

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 149-89-E Vol. II
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 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 report 1172401 dated August 18, 2003.

Description – Gas fired, low static, propeller circulator unit heaters, Models BMF and BMEF, designed for commercial and industrial use for indoor installation. Unit comprises heat exchanger assembly, aluminized steel main burner, continuous ignition system or intermittent ignition system comprising pilot burner, igniter, electrode and flame sensor, combination gas pressure regulator and induced draft (power vent) system. Units are provided with temperature limit control set at 170 degrees Fahrenheit, maximum. Units, with model numbers and input heating ratings, are listed below:

Model Number	Input Rate
BMF, BMEF 30(S),(HS)	30,000
BMF, BMEF 45(S),(HS)	45,000
BMF, BMEF 60(S),(HS)	60,000
BMF, BMEF 75(S),(HS)	75,000
BMF, BMEF 100(S),(HS)	100,000
BMF, BMEF 125(S),(HS)	125,000
BMF, BMEF 150(S),(HS)	150,000
BMF, BMEF 175(S),(HS)	175,000
BMF, BMEF 200(S),(HS)	200,000
BMF, BMEF 225(S),(HS)	225,000
BMF, BMEF 250(S),(HS)	250,000
BMF, BMEF 300(S),(HS)	300,000
BMF, BMEF 350(S),(HS)	350,000
BMF, BMEF 400(S),(HS)	400,000

Note: Units shall be installed as suspended appliance with the following minimum clearances in combustible construction: top- 6 inches; sides - 18 inches; bottom - 12 inches; flue connector – varies with size of unit.

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. Dierkhout