

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 Materials and Equipment Acceptance (MEA) Division.

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

MEA 258-03-E  
Report of Material and Equipment Acceptance Division

Manufacturer – ECR International Ltd., 6800 Baseline, P.O. Box 900, Wallaceberg, ON CA N8A 5E5.

Trade Name(s) – Olsen Arco.

Product – Oil fired warm air furnaces.

Pertinent Code Section – 27-787, 27-792.

Prescribed Test(s) – RS 14-6 (UL727).

Laboratory – CSA International.

Test Report(s) – No. 1038040, dated May 31, 2002.

Description – The products covered by this report are oil-fired central furnaces of the upflow or counterflow design consisting of an oil burner, combination fan/limit control, belt driven or direct drive blower motor, combustion chamber, heat exchanger, and other components.

Model No.	Fuel Input Gph	Output BTUH
BFL-145	1.20	143,000
BFL-145T	1.20	143,000
BFL-120	1.00	117,000
BFL-120T	1.00	117,000

Note: Minimum installed clearances from combustible construction shall be as follows: Top – 1 inch; front – 24 inches; rear – 6 inches; bottom- 0 inches combustible; S/A Plenum – 1 inch; side – 1 –24 inches\*; side – 2 – 24 inches\*; flue pipe – 9 inches; enclosure – standard; \* - 24 inches required for ceiling.

Recommendation - That the above described horizontal furnaces, be accepted for use fired by fuel oil not heavier than No. 2 only, under the following conditions:

1. If utilized for residence heating, the circulatory air system shall have (a) one register or grille without a damper or, (b) dampers and shutters within the system shall be constructed for controlled so as to prevent closure beyond 80 per cent of the gross duct area at all times.
2. If furnace is installed in combination with cooling system, then cooling system must be MEA accepted.
3. All shipments and deliverers 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.
4. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance

11/21/03

Examined by

Shymon. J. J. J.