



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 205-89-E Vol. 3

Manufacturer: ECR International Ltd.
2201 Dwyer Avenue
UTICA, N.Y. 13501

Trade Name(s): DUNKIRK, UTICA, PENNCO

Product: Gas-fired, low-pressure, steam or hot water boilers
Index #60 - Boilers

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

Prescribed Test(s): RS 14-6 (ANSI Z21.13)

Laboratory: CSA International

Test Report(s): 1063550 dated December 3, 2007.

Description: Gas fired, low pressure system or hot water boiler assemblies, series **D248**, **JD** and **41J**, are designed from a combination of three different basic sizes, 300, 400 and 500, as tabulated below. Basic unit is comprised of a cast-iron heat exchanger assembly, an aluminized steel main burner, an intermittent ignition means comprising flame sensor and igniter (electrode), an ignition module, ignition transformer and combination gas pressure regulator and draft head. Steam boilers are provided with steam pressure control, low water cut-off and safety valve. Hot water boilers are provided with a circulator, relief valve and hot water temperature-limit control with setting at 240°F, maximum. Units, with model numbers and number of basic boiler sizes used, are listed on following page.

Model No. <i>DUNKIRK</i>	Model No. <i>UTICA</i>	Model No. <i>PENNCO</i>	INPUT (Btu/Hr)
D248-300(S,W)	JD-300(S,W)	41J-300(S,W)	300,000
D248-400(S,W)	JD-400(S,W)	41J-400(S,W)	400,000
D248-500(S,W)	JD-500(S,W)	41J-500(S,W)	500,000
D248-600(S,W)	JD-600(S,W)	41J-600(S,W)	600,000
D248-700(S,W)	JD-700(S,W)	41J-700(S,W)	700,000
D248-800(S,W)	JD-800(S,W)	41J-800(S,W)	800,000
D248-900(S,W)	JD-900(S,W)	41J-900(S,W)	900,000
D248-1000(S,W)	JD-1000(S,W)	41J-1000(S,W)	1,000,000
D248-1100(S,W)	JD-1100(S,W)	41J-1100(S,W)	1,100,000
D248-1200(S,W)	JD-1200(S,W)	41J-1200(S,W)	1,200,000
D248-1300(S,W)	JD-1300(S,W)	41J-1300(S,W)	1,300,000
D248-1400(S,W)	JD-1400(S,W)	41J-1400(S,W)	1,400,000
D248-1500(S,W)	JD-1500(S,W)	41J-1500(S,W)	1,500,000
D248-1600(S,W)	JD-1600(S,W)	41J-1600(S,W)	1,600,000
D248-1700(S,W)	JD-1700(S,W)	41J-1700(S,W)	1,700,000
D248-1800(S,W)	JD-1800(S,W)	41J-1800(S,W)	1,800,000
D248-1900(S,W)	JD-1900(S,W)	41J-1900(S,W)	1,900,000
D248-2000(S,W)	JD-2000(S,W)	41J-2000(S,W)	2,000,000
D248-2100(S,W)	JD-2100(S,W)	41J-2100(S,W)	2,100,000
D248-2200(S,W)	JD-2200(S,W)	41J-2200(S,W)	2,200,000
D248-2300(S,W)	JD-2300(S,W)	41J-2300(S,W)	2,300,000
D248-2400(S,W)	JD-2400(S,W)	41J-2400(S,W)	2,400,000
D248-2500(S,W)	JD-2500(S,W)	41J-2500(S,W)	2,500,000
D248-2600(S,W)	JD-2600(S,W)	41J-2600(S,W)	2,600,000
D248-2700(S,W)	JD-2700(S,W)	41J-2700(S,W)	2,700,000
D248-2800(S,W)	JD-2800(S,W)	41J-2800(S,W)	2,800,000
D248-2900(S,W)	JD-2900(S,W)	41J-2900(S,W)	2,900,000
D248-3000(S,W)	JD-3000(S,W)	41J-3000(S,W)	3,000,000

Notes:

1. S – Low pressure steam; W - Hot water
2. Units shall be installed on noncombustible flooring. Minimum installed clearances from combustible construction shall be as follows:
 - A. For basic models D248-300 & -400: top – 52 inches
flue connector – 6 inches
rear and sides – 18 inches
front – alcove
 - B. For combination of basic boiler size: top – 52 inches;
sides – 24 inches

Terms and Conditions: The above gas-fired, direct-vent hot water boilers assemblies are accepted on condition that:

- 1) Boilers are to be constructed in accordance with the ASME Code, per RS 14-4.
- 2) Units shall be installed as per clearances from combustibile construction specified above.
- 3) Units shall be fired with natural gas only.
- 4) Approved gas vent or chimney shall be in accordance with Subchapter 15 of the New York City Building Code.
- 5) This acceptance in no way includes the external piping, connection and appurtenances thereto, which are required to fully conform to applicable provisions of the law but have been tested in conjunction with this application.
- 6) Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board.
- 7) Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
- 8) All shipments and deliveries 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 accepted for use, as provided in Section 27-131 of the New York City Building Code.

Note: In accordance with Section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the Commissioner; and any material which upon retesting is found not to comply with Code requirements or the requirements set forth in the approval of the Commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the Commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance February 6, 2008

Examined By Sam Derfndan