

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 183-03-E

Report Materials and Equipment Acceptance Division

Manufacturer – Concepts & Designs, Inc., 2100 Park Drive, Owatonna, MN 55060.

Trade Name – Concepts & Designs.

Product – Indirect fired air rotating systems with optional cooling.

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

Prescribed Tests – RS 14-6 (UL 795).

Laboratory – ETL Testing Laboratories Inc.

Test Report – No. 532732, dated September 30, 1993.

Description – Indirect fired air rotation system as stated below. The air being heated or cooled by the system delivers the required BTUH heat transfer. It is designed for industrial or commercial use. These units incorporate a heater section, all gas controls, a fan, and may include a filter section. A sheet metal enclosure covers all components. The unit may be installed either indoors or outdoors, and is intended for permanent connection to the power supply.

Model Number	Max. BTUH Output
VIDFP-224-260	250,000
VIDFP-224-400	400,000
VIDFP-224-500	500,000
VIDFP-224-550	550,000
VIDFP-230-550	550,000
VIDFP-230-650	650,000
VIDFP-230-750	750,000
VIDFP-230-1000	1,000,000
VIDFP-242-550	550,000
VIDFP-242-650	650,000
VIDFP-242-750	750,000
VIDFP-242-850	850,000
VIDFP-242-100	1,000,000
VIDFP-248-650	650,000
VIDFP-248-750	750,000
VIDFP-248-1000	1,000,000
VIDFP-248-1250	1,250,000
VIDFP-248-1500	1,500,000
VIDFP-248-1750	1,750,000

VIDFP-254-1000	1,000,000
VIDFP-254-1250	1,250,000
VIDFP-254-1500	1,500,000
VIDFP-254-1750	1,750,000
VIDFP-254-2000	2,000,000
VIDFP-254-2500	2,500,000
VIDFP-254-2750	2,750,000
VIDFP-254-3000	3,000,000
VIDFP-260-1500	1,500,000
VIDFP-260-1750	1,750,000
VIDFP-260-2000	2,000,000
VIDFP-260-2500	2,500,000
VIDFP-260-2750	2,750,000
VIDFP-260-3000	3,000,000
VIDFP-260-3500	3,500,000
VIDFP-260-4000	4,000,000
VIDFP-360-2500	2,500,000
VIDFP-360-2750	2,750,000
VIDFP-360-3000	3,000,000
VIDFP-360-3500	3,500,000
VIDFP-360-4000	4,000,000
VIDFP-360-5000	5,000,000
VIDFP-360-6000	6,000,000

Note: Minimum installed clearances from combustible construction shall be in accordance with RS 14-15 of the New York City Building Code.

Recommendation - That the above described direct fired gas make-up air heater be accepted for operation on natural gas only, under the following conditions:

1. Heaters shall not be operated until installation is approved for such operation by the Gas Company.
2. 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 acceptable for use, as provided for in Section 27-131 of the Building Code.
3. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance 7/21/03
Examined by [Signature]