



NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Patricia Lancaster, FAIA, Commissioner  
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## Report of Materials and Equipment Acceptance Division

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 294-04-E

**Manufacturer:** Fedders Unitary Products, P. O. Box 7938,  
Longview, TX 75607

**Trade Name(s):** Fedders, Eubank, AirTemp

**Product:** Air-handling units

**Pertinent Code Section(s):** 27-770, 27-777

**Prescribed Test(s):** RS 13-6 (ANSI B9.1), RS 13-11 (UL 1995)

**Laboratory:** Underwriters Laboratories, Inc.

**Test Report(s):** File SA9879, dated July 12, 1997

**Description:** Indoor air handlers with evaporator coils with or without electric heat kits are designed for R22 refrigerant systems. The evaporator coil is connected to a condensing unit to form the air conditioning system or connected to a heat pump unit to form the heating/air conditioning system. The air handler can be equipped with electric heater kits to provide heat for the winter when connected to an air-condensing unit and thereby provide supplemental heat when connected to a heat pump unit. The air handlers and electric heater kits are electrically 208-230 Volts Single Phase and the control circuit is 24 Vac. The air handlers model nomenclature is "A", followed by 24, 30, 36, 42, 48 or 60, followed by a letter from A to Z, followed by a number from 1 to 9, followed by A, E, F, R or X. The electric heater kits model nomenclature is EE, followed by a letter from A to Z, followed by 5, 7, 10, 15 or 20, followed by letter N or B, followed by 1.

Product Covered:

| Model No. | Maximum CFM | Electric Heater Kits       |  |  |
|-----------|-------------|----------------------------|--|--|
|           |             | KW Capacity                | With Condensing Unit                               | With Heat Pump Unit                    |
| A24C1*    | 925         | 5<br>7.5<br>10<br>15       | EEB5N1<br>EEB7N1<br>EEB10N1<br>EEB15B1             | EEB5N1<br>EEB7N1<br>EEB10N1            |
| A30C1*    | 1550        | 5<br>7.5<br>10<br>15<br>20 | EEB5N1<br>EEB7N1<br>EEB10N1<br>EEB15B1<br>EEB20B1  | EEB5N1<br>EEB7N1<br>EEB10N1            |
| A36C1*    | 1550        | 5<br>7.5<br>10<br>15<br>20 | EEB5N1<br>EEB7N1<br>EEB10N1<br>EEB15B1<br>EEB20B1  | EEB5N1<br>EEB7N1<br>EEB10N1            |
| A36C2*    | 1550        | 5<br>7.5<br>10<br>15<br>20 | EEB5N1<br>EEB7N1<br>EEB10N1<br>EEB15B1<br>EEB20B1  | EEB5N1<br>EEB7N1<br>EEB10N1            |
| A42C1*    | 1790        | 5<br>7.5<br>10<br>15<br>20 | EEB5N1<br>EEB7N1<br>EEB10N1<br>EEB15B1<br>EEB20B1  | EEB5N1<br>EEB7N1<br>EEB10N1<br>EEB15B1 |
| A48C1*    | 1790        | 5<br>7.5<br>10<br>15<br>20 | EEB5N1<br>EEB7N1<br>EEB10N1<br>EEB15B1<br>22B201B1 | EEB5N1<br>EEB7N1<br>EEB10N1<br>EEB15B1 |
| A48C2*    | 1790        | 5<br>7.5<br>10<br>15<br>20 | EEB5N1<br>EEB7N1<br>EEB10N1<br>EEB15B1<br>EEB20B1  | EEB5N1<br>EEB7N1<br>EEB10N1<br>EEB5B1  |
| A60C1*    | 2230        | 5<br>7.5<br>10<br>15<br>20 | EEB5N1<br>EEB7N1<br>EEB10N1<br>EEB15B1<br>EEB20B1  | EEB5N1<br>EEB7N1<br>EEB10N1<br>EEB15B1 |

Note: \* = letters used to identify the different trade names

**Terms and Conditions:** The above-described air-handler units are accepted under the following conditions:

1. Units shall be installed indoors only.
2. Units shall use only Refrigerant R-22.
3. If utilized for residence heating, the circulatory air system shall have (a) one register or grille without closeable shutters and the duct leading thereto shall be without a damper, or (b) dampers and shutter within the system that shall be constructed or controlled so as to prevent closure beyond 80 percent of the gross duct area at all times.
4. All equipment shall be furnished with a permanently affixed metal tag stating that if installed in New York City within 100 feet of any dwelling unit window, there shall be compliance with all provisions of Section 27-770 as to maximum sound levels permitted for exterior mechanical equipment.
5. 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 in Section 27-131 of the New York City Building Code.
6. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
7. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.

Final Acceptance 2/22/07

Examined By Dya G. [Signature]