



# 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 128-03-E Vol. 2

**Manufacturer:** Goodman Mfg. Corp., 5151 Sage Plaza, Suite 500, Houston, TX 77257

**Trade Name(s):** Goodman, Amana, Janitrol, Gmc

**Product:** Air handler units

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

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

**Laboratory:** Intertek Testing Services

**Test Report(s):** Report No. 3060.862-001, dated October 31, 2006.

**Description:** Air handlers, models ARPF, AWUF, ACNF, AEPF, are designed for indoor installation.

Model ARPF, a multi-position, multi-speed air handler, is suitable for use with refrigerants R-410A and R-22. The ARPF features a check flow-rater expansion device as well as a direct-drive, multi-speed motor.

Model No.	Nominal Cooling Capacity (BTUH)
ARPF18241	18,000 – 24,000
ARPF19311	18,000 – 30,000
ARPF30301	30,000
ARPF36421	36,000 – 42,000
ARPF37431	36,000 – 42,000
ARPF48601	48,000 – 60,000

Model AWUF, a vertical stud- or wall-mounted electric air handler, features a direct-drive, multi-speed motor (to permit air volume flexibility) and fully insulated, galvanized steel construction.

<b>Model No.</b>	<b>Nominal Cooling Capacity (BTUH)</b>	<b>Nominal Heating Capacity (BTUH)</b>
<b>AWUF18051</b>	<b>18,000</b>	<b>16,390</b>
<b>AWUF18081</b>	<b>18,000</b>	<b>24,925</b>
<b>AWUF24051</b>	<b>24,000</b>	<b>16,390</b>
<b>AWUF24081</b>	<b>24,000</b>	<b>24,925</b>
<b>AWUF24101</b>	<b>24,000</b>	<b>33,460</b>
<b>AWUF36051</b>	<b>36,000</b>	<b>16,390</b>
<b>AWUF36081</b>	<b>36,000</b>	<b>24,925</b>
<b>AWUF36101</b>	<b>36,000</b>	<b>33,460</b>

Models ACNF, electric heat air handlers, are designed to be ceiling-mounted. The quiet operation and high performance makes the ACNF models a good choice for multi-family or lodging applications.

<b>Model No.</b>	<b>Nominal Cooling Capacity (BTUH)</b>	<b>Nominal Heating Capacity (BTUH)</b>
<b>ACNF18001</b>	<b>18,000</b>	<b>16,392</b>
<b>ACNF18051</b>	<b>18,000</b>	<b>20,490</b>
<b>ACNF18061</b>	<b>18,000</b>	<b>26,637</b>
<b>ACNF18081</b>	<b>18,000</b>	
<b>ACNF24001</b>	<b>24,000</b>	<b>16,392</b>
<b>ACNF24051</b>	<b>24,000</b>	<b>20,490</b>
<b>ACNF24061</b>	<b>24,000</b>	<b>26,637</b>
<b>ACNF24081</b>	<b>24,000</b>	<b>33,467</b>
<b>ACNF24101</b>	<b>24,000</b>	
<b>ACNF30001</b>	<b>30,000</b>	<b>16,392</b>
<b>ACNF30051</b>	<b>30,000</b>	<b>20,490</b>
<b>ACNF30081</b>	<b>30,000</b>	<b>26,637</b>
<b>ACNF30101</b>	<b>30,000</b>	<b>33,467</b>

Model AEPF, is a multi-position, variable-speed air handler, suitable for use with refrigerants R-410A and R-22. This unit's blower design includes a variable-speed DC motor to help eliminate the cold blast of air upon heating start-up.

<b>Model No.</b>	<b>Nominal Cooling Capacity (BTUH)</b>
<b>AEPF183016</b>	<b>18,000 – 30,000</b>
<b>AEPF303616</b>	<b>30,000 – 36,000</b>
<b>AEPF426016</b>	<b>42,000 – 60,000</b>

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

1. Units shall only use Refrigerants R-410A or R-22.
2. 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 widow, there shall be compliance with all provisions of Section 27-770 as to maximum sound levels permitted for exterior mechanical equipment.
3. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
4. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
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 Building Code.

Final Acceptance 6/15/07

Examined By Myron Grand