



## Report of Materials and Equipment Acceptance Division

NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Patricia Lancaster, FAIA, Commissioner  
(212) 566-5000, TTY: (212) 566-4769

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 350-02-E Vol. II

**Manufacturer:** Mortex-Summit Manufacturing Co., 501 Terminal Road, Fort Wayne, TX 76106.

**Trade Name(s):** Freedom Air.

**Product:** Indoor heating and air conditioning air handler.

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

**Prescribed Test(s):** RS 13-6 (ANSI B.9), RS 13-11 (UL 1995).

**Laboratory:** Underwriters Laboratories Inc.

**Test Report(s):** File E149109 dated November 29, 1989, revised September 20, 1999.

**Description** – These are indoor air handlers for ventilating or air conditioning consisting of a blower wheel, blower housing, motor and drives, optional chilled water coils or refrigerant evaporator, optional hot water or steam or reheat (condenser) coils, optional flat or angular or heavy duty filters, optional combination angular filter and mixing box, optional face and bypass dampers, optional dampers. Units, with their model numbers, heating and cooling capacities are listed below:

Freedom Air Model No.	Suntherm Model No.	Cooling Capacity Tons	Nominal Heating Capacity	
AHX2400A1	S41-80-00-C1BBCC1X/CA024A862T	2-5	HOT WATER 18.2 – 125 (MBH)	
AHX3600A1	S41-81-00-C1BBCC1X/CA036A8E2T			
AHX4800A1	S15-82-00-C1BBCC1X/CA048A8E5T			
AHX6000A1	S15-83-00-C1BBCC1X/CA048A8E2T			
AHXW2400A1	H41-46-26AA1BBCC1X/CA024A862T		2-5	Electric 5KW – 20KW
AHXW3600A1	H15-49-50AA1BBCC1X/CA036A8E2T			
AHXW4800A1	H15-52-67AA1BBCC1X/CA048A8E5X			
AHXW6000A1	H15-53080AA1BBCC1X/CA060A6E5X			
AHP2400A1	S41-80-00-C1BBCC1X/CA024A860PB			
AHP3000A1	S41-81-00-C1BBCC1X/CA030A861PC			
AHP3600A1	S41-81-00-C1BBCC1X/CA030A862PD			
AHP4200A1	S15-82-00-C1BBCC1X/CA042A964PE			
AHP4800A1	S15-80-00-C1BBCC1X/CA048A664PF			
AHP6000A1	S15-83-00-C1BBCC1X/CA048A665PG			
HTR05BL1	B15HK-05	2-5		Electric 5KW – 20KW
HTR05BS1	B41HK-05			
HTR05NL1	S15HK-05			
HTR05NS1	S41HK-05			
HTR08BL1	B15HK-08			
HTR08BS1	B41HK-08			
HTR08NL1	S15HK-08			
HTR08NS1	S41HK-08			
HTR10BL1	B15HK-10			
HTR10BS1	B41HK-10			
HTR10NL1	S15HK-10			
HTR10NS1	S41HK-10			
HTR15BL1	B15HK-15			
HTR15BS1	B41HK-15			
HTR20BL1	B15HK-20			

**Terms and Conditions** - That the above described air handling units be accepted for indoor installation under the following conditions:

1. If utilized for residence heating, circulatory air system shall have (a) one register or grille without closable shutters and the duct leading thereto shall be without a damper or, (b) dampers and shutters within the system shall be constructed or controlled so as to prevent closure beyond 80 percent of the gross duct area at all times.
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 accepted for use, as provided for in Section 27-131 of the Building Code.
3. Approval of electrical equipment, apparatus, materials and devices shall be obtained from the Bureau of Electrical Control before installation.

Final Acceptance September 29, 2005

Examined by Shyam Prasad SD