



# 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 410-05-E

**Manufacturer:** William Furnace Co. 250 West Laurel Street, Colton CA 92324.

**Trade Name(s):** Williams Furnace Company

**Product:** Fan Coil Units

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

**Prescribed Test(s):** RS 13-6 (ANSI B99.1), RS 13-11 (UL 1995)

**Laboratory:** Underwriters Laboratories Inc.

**Test Report(s):** File No. E4322, dated August 9, 2005

**Description** – Fan Coil units, suitable for installation in upflow, downflow, or horizontal positions. Chilled water, hot water, also R-22 is the refrigerant used for the direct expansion system. Unit consists of evaporator coil and chilled water, hot water coils and fan, capillary tubing, direct drive motor and control. Units with model numbers, cooling and heating capacities are listed below:

Model No. Size and Type	Air Flow (CFM)	Total Cooling Capacity (BTUH)	Total Heating Capacity (BTUH)
LV002, D, F, M, S, W	210	5700	12400
LV002, B, R	230	6080	13106
LV003, D, F, M, S, W	305	7470	15500
LV004, B, R	330	7940	16300
LV004, D, F, M, S, W	350	11380	21400
LV004 B, R	390	12460	22850
LV006, D, F, M, S, W	510	16960	28960
LV006, B, R	550	18020	30400
LV008, D, F, M, W	640	23540	37170

LV008, B, R	690	25110	38910
LV010, D, F, M, S, W	790	30110	44400
LV010, B, R	840	31810	46000
LV012, D, F, M, S, W	920	35370	50800
LV012, B, R	980	37440	52700
LS004, B, R	405	13220	24100
LS006, B, R	440	14170	25400
LS004, D, F	370	12260	22800
LS006, D, F	400	13070	23900

**Note:**

1. Cooling capacity at A.R.I conditions: EAT: 80/67<sup>0</sup>F (DB/WB), EWT: 45<sup>0</sup>F, LWT: 55<sup>0</sup>F Cooling Coil Standard.
2. Heating capacity at EAT: 70<sup>0</sup>F, EWT: 180<sup>0</sup>F, LWT: 160<sup>0</sup>F. Heating Coil 1row.

**Terms and Condition:** That the above described fan coil units are accepted for indoor installation, when employing Refrigerant R-22 also, chilled water, hot water, electric heat, under the following conditions:

1. If utilized for residence heating,, the circulatory air system shall have (a) one register or grille without closable shutters and the duct leading thereto shall be without a damper(b) dampers and shutters within the system shall be constructed or controlled so as to prevent closure beyond 80 percent f 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 acceptable 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 Department before installation.

Final Acceptance 2/2/06

Examined by Shyam. Arora