



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 556-06-E

**Manufacturer:** First Operations, 8273 Moberly Lane, Dallas, TX 75227

**Trade Name(s):** First Co. or U.S. A/C Products

**Product:** Fan coil units

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

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

**Laboratory:** Underwriters Laboratories, Inc. & Intertek Testing Services.

**Test Report(s):** SA11605 – Sections 7, 20, 21, 22, 23, 24, 45, 47 & 48  
 ETL – 3078126-002 & 2076750-001

**Description:** These are DX refrigerant or hydronic-heat fan coils with or without electric heat. Units are wall-, floor- or ceiling-mounted. Units may employ refrigerant or chilled or heated water as the heat exchanger medium. Model and unit description are noted below:

Model No.	Description
MBX*-HW	DX cooling – UL-SA11605, Section 24
V*MBX*-HW	Hydronic-heat fan coil
HBX*-HW V*HBX*-HW	Sizes 18, 24, 30, 36, 48, 60 – DX cooling coil with 2, 3, and 4 row hot water heating
MBQ*, V*MBQ*	DX cooling – UL-SA11605, Section 23
HBQ*, V*HBQ*	Hydronic-heat fan coil – Sizes 18, 24, 30, 36, 48, 60 – DX cooling coil with 2-, 3- and 4-row hot water heating

<b>Model No.</b>	<b>Description</b>
<b>MBX, V*MBX</b>	<b>DX cooling – UL-SA11605, Sections 20, 21, 22</b>
<b>HBX, V*HBX</b>	<b>With electric heat fan coil</b> <b>Sizes 18, 24, 30, 36, 48, 60 – DX cooling coil with electric heat heating</b>
<b>CDX-HW</b>	<b>DX cooling – UL-SA11605, Section 7</b>
<b>CDXQ</b>	<b>With hydronic hot water heat</b> <b>Sizes 18, 19, 24, 25, 30, 31, 37 – DX cooling coil with 1- or 2-row hot water heating</b>
<b>UC-HW</b>	<b>DX cooling – UL-SA11605, Section 48</b>
<b>UCQ*</b>	<b>With hydronic hot water heat</b> <b>Sizes 18, 19, 24, 25, 30, 31, 37 – DX cooling coil with 2- or 3-row hot water heating</b>
<b>UC</b>	<b>DX cooling – UL-SA11605, Section 45</b> <b>With electric heat fan coil</b> <b>Sizes 18, 19, 24, 25, 30, 31, 37 – DX cooling coil with electric heating</b>
<b>FWA</b>	<b>Hydronic-heat fan coil – UL-SA11605, Section 47</b> <b>Sizes FW*30, FW*50, FW*60 Hydronic 2 pipe – 3- and 4-row heating</b>
<b>CW-HW</b>	<b>Vertical-mount hydronic fan coil – ETL file 3078126-002</b> <b>Sizes 4, 6, 8, 10, 12 (100's CFM), Hydronic 4 pipe – 2- and 3-row hot water coil</b>
<b>CW, CWE</b>	<b>Vertical-mount hydronic – ETL File 3076751-001</b> <b>With electric heat fan coil</b> <b>Sizes 4, 6, 8, 10, 12 (100's CFM), Hydronic 2 pipe with electric heating</b>

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

1. Units shall be installed indoors only.
2. Units shall use Refrigerant R-22 only.
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 shutters 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. Approval of all electrical equipment, apparatus, materials and devices shall be obtained from the Department's Electrical Advisory Board before installation.
5. Units shall be used in compliance with the Energy Conservation Construction Code of New York State.
6. 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.

Final Acceptance 6/22/07

Examined By [Signature]