

# CONDITIONED AIR UNIT MODULAR HIGH RISE

*370 to 1210 CFM*



**INTERNATIONAL  
ENVIRONMENTAL**

*Flexible solutions for indoor environments*



The conditioned air unit is the perfect solution for any building which has to mix outdoor air with return air. The unit maintains precise temperature settings and controls humidity levels to create an ideal indoor environment.

The unique split coil design channels the outdoor air over a portion of the coil where it is constantly conditioned. The return air stream is controlled separately, prior to mixing with the conditioned outside air stream, for superior occupant comfort.

The ideal solution when multi-room and multi-floor flexibility is needed.

## FEATURES and BENEFITS

**IEC's Unique Coil Design** - provides constant conditioning of outside air to meet code requirements without additional field installed ductwork and/or equipment.

**Outside Air Dampers** - manual or motorized that are adjustable to meet the requirements of outside air for various applications.

**Optional Heat Pipes** - added to the coil to enhance the dehumidification of the space and increased occupant comfort.

**Draw-Thru Configuration** - decreases noise generation, ensuring quiet operation.

**Modular Arrangement** - designed to meet a multitude of room layouts and outside air ventilation needs.

**Valve Packages** - specifically designed to meet control specifications and maintain room design conditions.

**Digital Thermostats** - surface or wall mounted and configured to provide easy human interface and maintain occupant comfort.

# CONDITIONED AIR UNIT MODULAR HIGH RISE FAN COIL UNITS

## QUICK SELECTION TABLE\*

MODEL	ROWS	ROOM/OA CFM	ROOM TOT/SENS BTUH	SUPPLY LDB/LWB °F	LWT °F	GPM RA/OA
MPY03	3	390/50	10,180/6,810	60.1/59.2	57.9	1.5/0.5
MPY03	4	370/50	13,720/8,250	55.9/55.6	54.7	3.0/0.5
MPY04	3	460/50	10,760/7,450	61.2/60.0	58.5	1.5/0.5
MPY04	4	440/50	14,780/9,130	57.1/56.6	55.3	3.0/0.5
MPY06	3	660/50	17,460/11,520	59.9/58.9	56.8	3.0/0.5
MPY06	4	650/50	20,020/12,810	57.8/57.3	58.5	3.0/0.5
MPY08	3	790/50	18,460/12,640	61.2/59.8	57.3	3.0/0.5
MPY08	4	790/50	21,480/14,310	59.2/58.5	59.3	3.0/0.5
MPY10	3	1030/50	26,900/17,670	60.1/58.9	56.0	5.0/0.5
MPY10	4	1020/50	33,930/20,960	57.0/56.4	55.0	7.0/0.5
MPY12	3	1210/50	28,340/19,210	61.3/59.8	56.5	5.0/0.5
MPY12	4	1200/50	36,180/22,970	58.3/57.5	55.6	7.0/0.5

**NOTES:**

\* For detailed performance at specific conditions, please visit [www.iec-okc.com](http://www.iec-okc.com), use the IEC rating program or contact your local representative.

1. EAT - (room temperature entering coil) 76° DB, 67° WB.
2. Outside Air Conditions - 92° DB, 76° WB.
3. EWT - 45°



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