

Conditioned Air Unit Mod Hi-Rise 300 to 1200 CFM



IEC's patented design is a simple and effective solution for providing outside air while lowering humidity, pressurizing the space, and providing comfort without the need for dedicated make-up air handling equipment.

The unique split coil design channels the incoming 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 precise temperature and humidity control.

The Conditioned Air unit is the perfect solution for any building which has outdoor air requirements.

Conditioned Air Unit Mod Hi-Rise

300 to 1200 CFM

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.

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.

Quick Selection Table*

MODEL	ROWS	ROOM/OA CFM	ROOM TOT/SENS	SUPPLY LDB/LWB	LWT	GPM RA/OA
MPY03	3	390/50	10102 / 6638	60.6 / 59.3	57.8	1.5 / 0.5
MPY03	4	370/50	13682 / 8186	56.2 / 55.5	54.6	3.0 / 0.5
MPY04	3	460/50	10884 / 7581	60.7 / 59.6	59.0	1.5 / 0.5
MPY04	4	440/50	14780 / 8871	57.7 / 56.8	55.1	3.0 / 0.5
MPY06	3	660/50	17165 / 11076	59.7 / 58.0	57.4	3.0 / 0.5
MPY06	4	650/50	19752 / 12506	57.5 / 56.6	59.1	3.0 / 0.5
MPY08	3	790/50	19680 / 12977	60.2 / 58.6	58.9	3.0 / 0.5
MPY08	4	780/50	22560 / 14598	58.1 / 57.3	60.6	3.0 / 0.5
MPY10	3	1030/50	28740 / 18271	59.2 / 57.7	57.2	5.0 / 0.5
MPY10	4	1020/50	36136 / 21815	55.9 / 55.2	55.9	7.0 / 0.5
MPY12	3	1210/50	29804 / 19358	60.8 / 58.9	57.6	5.0 / 0.5
MPY12	4	1200/50	37987 / 23428	57.6 / 56.5	56.5	7.0 / 0.5

NOTES: * For detailed performance at specific conditions, please visit www.iec-okc.com, 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°

Physical Data*

UNIT SIZE	HEIGHT	WIDTH	DEPTH
03-04	88"	17"	17"
06-08	88"	20"	20"
10-12	88"	24"	24"

NOTES: * All dimensions are +/- 1/4"



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