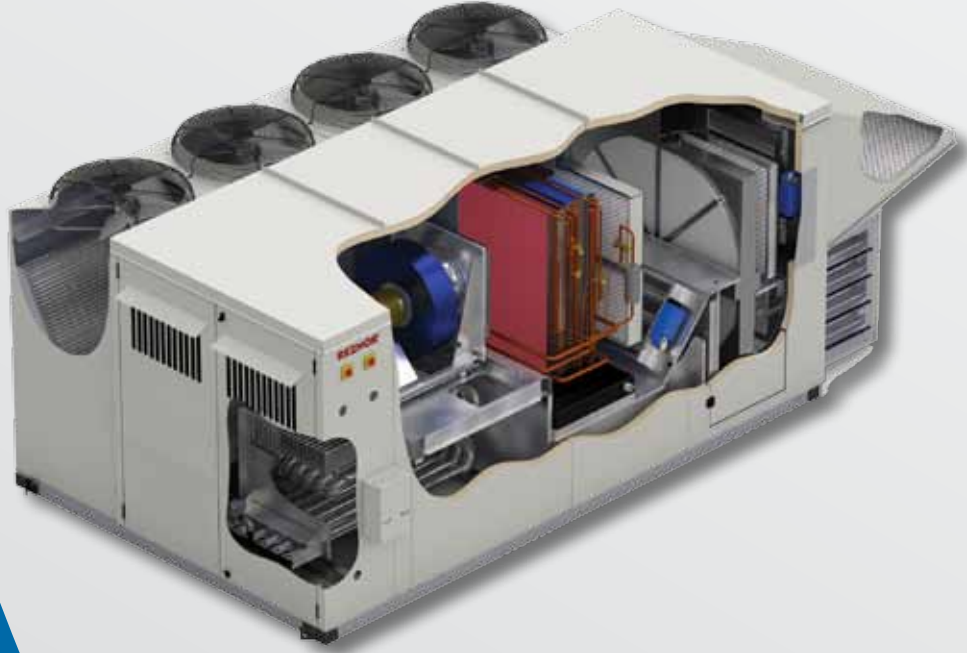


REZNOR®



Makeup Air and Ventilation Applications Model YDMA

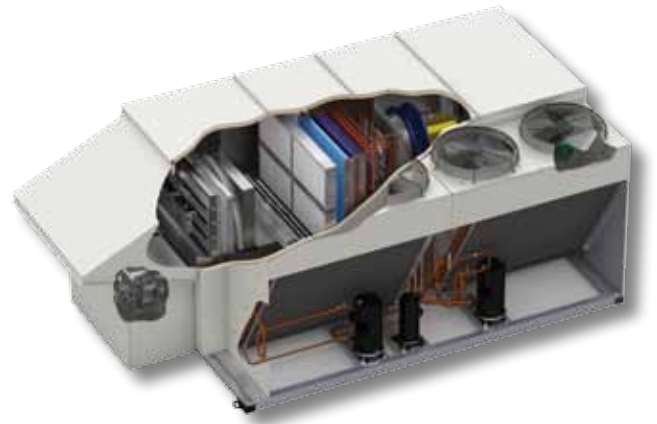
The Competitive Edge



What is the Reznor Edge?

The Reznor Edge: Condensing gas heating (92% efficient) technology and high efficiency DX system make Model YDMA the unit of choice for your makeup air and ventilation applications.

Reznor Model YDMA make-up air and ventilation unit incorporates over 125 years of company ingenuity and product excellence to deliver reliable application performance. Because make-up air and ventilation units often have extended operational hours and extreme loads, the unit is ruggedized well beyond the capability of standard rooftop units. The unit provides year round, conditioning of 100% outside air for your commercial and industrial applications. The units specifically meet ASHRAE standard 90.1, 62.1 and 189 requirements.



Features

Superior Energy Efficiency

- Condensing gas heat (92%)
- DX system EER > 11.2
- Integral energy recovery
- Low ambient dehumidification operation

Extended Life & Service

- Double wall construction
- R13 foam panel insulation with thermal-break
- Slide out: heat exchanger(s), fan & wheel
- Coil coatings tested to 6,048 salt-spray hours

Exact Control of Supply Air Volume

- Direct drive plenum fan with ABB drives (std)
- Multiple fan sequences to meet application needs

Precise Temperature Control

- DX capacity control 10%-100% and ECM condenser fan motors
- 5:1 or 10:1 gas heating modulation
- 20°-100°F heating temperature rise
- Modulated reheat technology with dewpoint between 50°-55°F.

Model YDMA		-060	-090	-120	-150	-180	-210	-240	-300	-360
Nominal Cooling Capacity Input	BTU	60,000	90,000	120,000	150,000	180,000	210,000	240,000	300,000	360,000
	Tons	5	7.5	10	12.5	15	17.5	20	25	30
	kW	17.6	26.4	35.2	44.0	52.8	61.5	70.3	87.9	105.5
Nominal Airflow	scfm	650-1500	975-1680	1300-3000	1625-3500	2000-4400	2275-5250	2600-5500	3400-7500	3900-9000
	M ³ /hr	1104-2548	1656-2854	2209-5097	2761-5946	3398-7475	3865-8919	4417-9344	5776-12742	6626-15291
Reheat Capacity (MBH)		34		34 or 51		34 or 51		51 or 72		
Gas Heat Size Range (MBH)	80% Efficiency	75-300		100-400		100-500		150-700		200-800
	92% Efficiency	150-300		150-600		150-600				225-600
Electric Heat Size (kW)		30	30, 60	30, 60, 90		30, 60, 90, 120				
Power*		208/3, 230/3, 460/3, & 575/3 60Hz 380/3 50Hz								

* Size -060 also available in 230/1/60 power supply

For complete catalog information including submittals, energy calculations, dimension drawings, and more go to www.ReznorHVAC.com or call 800-695-1901.