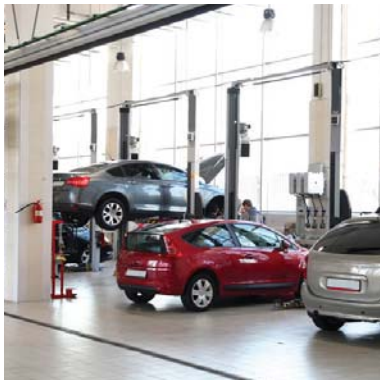


REZNOR®



**Up to 50% Outside Air
for Packaged
RTU Applications
Model YDHA**



The Competitive Edge

What is the Reznor Edge?

The Reznor Edge: Up to twice the amount of outside air as compared to conventional unit capabilities. This is achieved by increased unit capacity, superior capacity controls, and sequences of operation to meet the needs of your demanding applications.

ASHRAE standards and build designs are pushing packaged rooftop units beyond reliable performance with outside air loads between 30%-50%. The YDHA is specifically designed to handle large volumes of outside air while serving as the primary space temperature conditioning unit. The heat & cooling sizes are specifically combined to condition the extra loads beyond the capability of a standard rooftop unit. This dual operation reduces owner first cost. Its standard features and options also allow the owner to ruggedize the unit to meet their operational needs. The units specifically meet ASHRAE standard 90.1, 62.1 and 189 requirements.



Features

Superior Energy Efficiency

- Condensing gas heat (92%)
- High DX system IEER
- 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

Exact Control of Supply Air Volume

- 250-400 CFM/ton application range
- Direct drive plenum fan with ABB drives (standard)
- 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
- Right sized heating capacity
- 20°-70°F heating temperature rise

Model YDHA		-060	-090	-120	-150	-180	-210	-240	-300	-360
Nominal Capacity	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	750-1680	1290-2250	1500-3550	1875-3550	2250-5500	2625-5500	3000-5500	3750-8700	4500-9350
	M ³ /hr	1274-2854	2192-3823	2548-6031	3188-6031	3823-9344	4460-9344	5097-9344	6371-14781	7645-15885
IEER @ AHRI 340/350		11.4	11.2	12.2	11.9	11.7	11.9	11.9	--	--
Reheat Capacity (MBH)		34		34 or 51		34 or 51		51 or 72		
Gas Heat Size Range (MBH)	80% Efficient	75-300		100-400		100-500		150-700		200-800
	92% Efficient	150-300		150-600		150-600				225-600
Electric Heat Size (kW)		30	30, 60, 90		30, 60, 90, 120		30, 60, 90, 120		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 ReznorHVAC.com or call 800-695-1901.

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