

Custom RTU with 100 Tons Packaged DX Cooling and 42K CFM

MARKET: Commercial Building

This XeteX project showcases one of two custom rooftop units for a commercial building in a historic casino town. Unique performance features include packaged DX with 100 tons of cooling, split unit construction, aluminum casing for weight savings, and a perf liner for sound absorption.

CONSTRUCTION

- Outdoor unit; two section split unit
- 2" double wall thermal break construction with injection foam (R-value 14/in) insulation; 20ga galvanneal outer casing with acrylic paint; 0.063" aluminum interior casing selected for weight savings design
- 8" structural steel base frame with welded lifting lugs and acrylic paint
- .080" aluminum unit floor with 2" injected foam (R- 6.9/in) insulation
- 304 SS drain pan

FEATURES

- **Integral air cooled section with multiple staged compressors and VFD lead**
- **Factory mounted Carel DDC controller programmed for full unit control**
- 20ga Perf. Liner in SA fan compartment
- SA PIEZO flow rings and fan backdraft damper

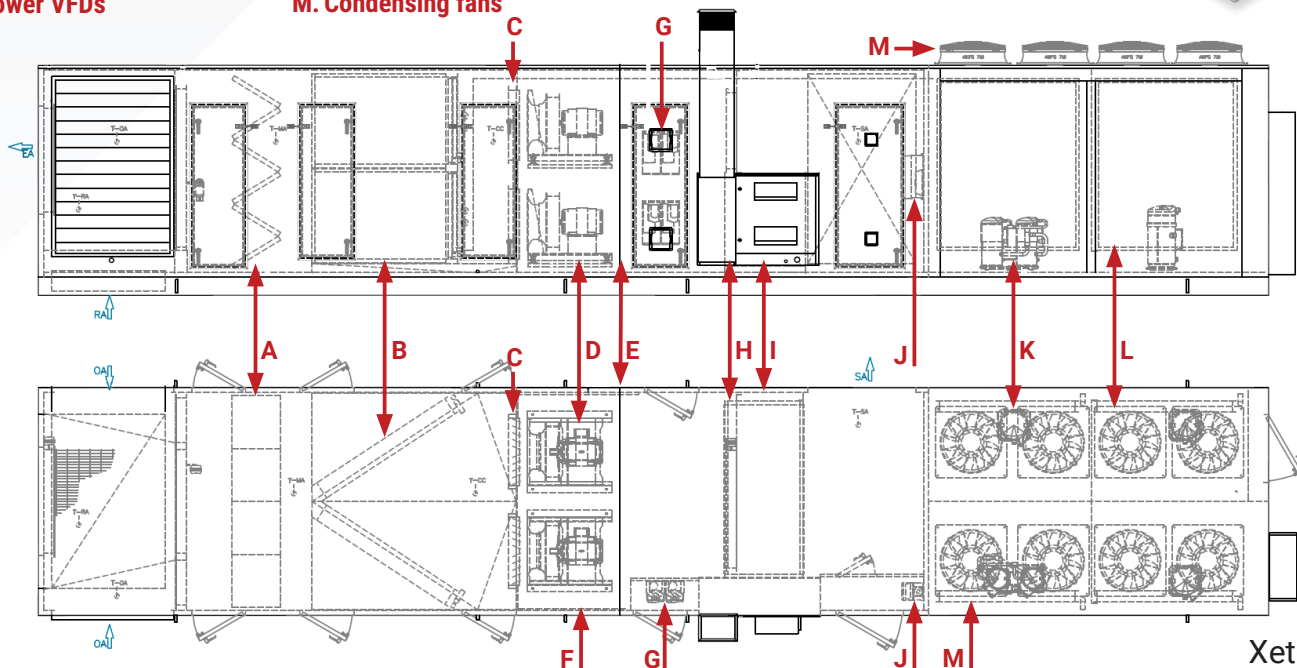
COMPONENTS

- A. 2" MERV 8 galv. filter rack
- B. DX evaporator coils
- C. SA fan backdraft damper
- D. SA premium four-fan array
- E. Unit split
- F. Perf liner in SA section
- G. SA blower VFDs
- H. Heater bypass damper
- I. SS indirect gas fired furnace with modulating valve (10-to-1)
- J. Compressor VFD
- K. Compressor
- L. Condensing coils
- M. Condensing fans

Model:	XAH-42000-RT-RC-DX-HI-BP-AC
Dimensions:	103"H x 546"L x 101"W
Weight:	20,800 lbs
Supply CFM:	42,000 CFM
Heating Type:	Indirect Gas Fired Furnace
Heating Capacity:	804 MBH
Cooling Type:	Packaged DX Coil
Cooling Capacity:	100 Tons



Contact XeteX for your next Custom AHU!



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