



### INPUT

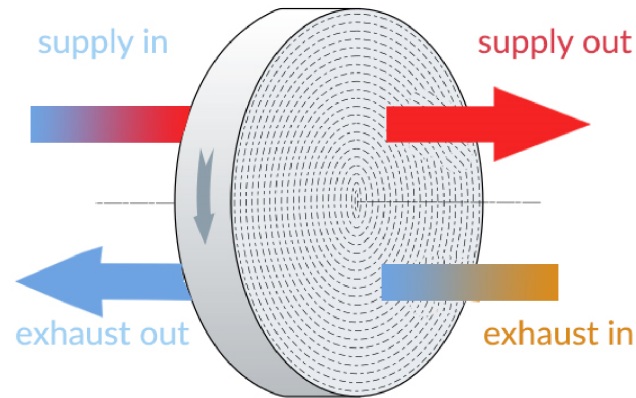
Supply			Extract			AHU Unit		
Standard volume	18,600.00	SCFM	Standard volume	18,600.00	SCFM	RRG Size	RTS-2335	
Temperature	-4.00	F	Temperature	77.00	F	RRG Type	1-Condensation	
Humidity	90.00	%	Humidity	30.00	%	RPM	10	1/min
						Pressure	407	in.W
						Filter correction	0.0000	
						Gel type	silica	



## OUTPUT

Supply In		
Actual volume	15,996.79	SCFM
Absolute humidity	3.96	gr/lb
Enthalpy	-8.00	BTU/lb
Face velocity	692.94	fpm

Exhaust Out		
Temperature	17.40	F
Relative humidity	86.86	%
Absolute humidity	12.51	gr/lb
Enthalpy	-1.58	BTU/lb
Pressure drop	1.15	in.W
Pressure drop (sd)	1.14	in.W
Sensible efficiency	73.58	%
Latent efficiency	63.47	%
Sensible heat	-1,137,579.25	BTU/hr
Latent heat	-381,405.48	BTU/hr
Total heat	-1,518,984.73	BTU/hr
Abs. rec. moist.	-28.61	gr/lb
Steam rec. moist.	-324.36	lb/hr
Air Volume	15,917.24	CFM



Supply Out		
Temperature	55.56	F
Relative humidity	42.21	%
Absolute humidity	27.54	gr/lb
Enthalpy	9.89	BTU/lb
Pressure drop	0.93	in.W
Pressure drop (sd)	1.08	in.W
Sensible efficiency	73.53	%
Latent efficiency	63.47	%
Sensible heat	1,135,821.68	BTU/hr
Latent heat	291,134.72	BTU/hr
Total heat	1,426,956.40	BTU/hr
Abs. rec. moist.	23.58	gr/lb
Steam rec. moist.	267.40	lb/hr
Air Volume	17,190.97	CFM

Exhaust In		
Actual volume	17,887.14	CFM
Absolute humidity	41.12	gr/lb
Enthalpy	17.18	BTU/lb
Face velocity	816.19	fpm



## OUTPUT

Efficiency DIN EN 13053		
Energy efficiency	71.78	%
Energy efficiency class	H1	

Wheel		
Type	RTS-2335-200-1,6-A-E-S	
Width	98.43	in
Height	100.00	in
Depth	11.69	in
Diameter	91.93	in
Mass	526.90	lb
Motor (3-phase)	0.75	kW