

ROOFTOP AIR HANDLING UNIT SCHEDULE

UNIT NO.	TRANE MODEL NO.	CONSTRUCTION TYPE	SYSTEM TYPE	CFM TOTAL	SUPPLY FAN DATA						HEATING COIL DATA (HOT WATER) PRE-HEAT							COOLING COIL DATA (CHILLED WATER)							HEATING COIL DATA (HOT WATER) RE-HEAT						INSTALLED WEIGHT					
					MIN O/A CFM	T.S.P. INCHES	SIZE/TYPER	APPROX. R.P.M.	H.P.	VOLTAGE	TOTAL M.B.H.	ENT. DB F	LVG. DB F	S. P. INCHES	G.P.M.	ΔP FT.	ROWS	TOTAL M.B.H.	SEN. M.B.H.	ENT. DB F	ENT. WB F	LVG. DB F	LVG. WB F	MAX. F.V. (FPM)	S. P. INCHES	G.P.M.	ΔP FT.	ROWS	TOTAL M.B.H.	ENT. DB F		LVG. DB F	S. P. INCHES	G.P.M.	ΔP FT.	ROWS
RHU-1	CSAA010	OUTDOOR	HORIZ. AHU	5000	**	3.62	DIRECT DRIVE PLENUM	1876	5	208/3/60	102.3	45.0	63.9	0.08	7.0	0.17	1	192.4	137.8	80.0	67.0	55.0	54.5	501.0	0.63	39.0	19.1	4	89.1	55.0	71.4	0.08	6.0	0.13	1	3500 LBS.
RHU-2	CSAA010	OUTDOOR	HORIZ. AHU	5000	**	3.62	DIRECT DRIVE PLENUM	1876	5	208/3/60	102.3	45.0	63.9	0.08	7.0	0.17	1	192.4	137.8	80.0	67.0	55.0	54.5	501.0	0.63	39.0	19.1	4	89.1	55.0	71.4	0.08	6.0	0.13	1	3500 LBS.

NOTES:

1. HEATING COIL PERFORMANCE BASED ON 160°F ENTERING WATER TEMP. & 30°F ΔT.
2. COOLING COIL PERFORMANCE BASED ON 45°F ENTERING WATER TEMP & 10°F ΔT.
3. UNIT ARRANGEMENT AS FOLLOWS (IN DIRECTION OF AIR FLOW)
 1. FILTER MIXING BOX W/ANGLED FILTER, BACK O.A. AND BOTTOM R.A. PARALLEL BLADE DAMPERS (EQUAL TO RUSKIN CD-60)
 2. PRE-HEAT COIL W/ACCESS
 3. COOLING COIL (CHILLED WATER) W/ACCESS
 4. HEATING COIL (HOT WATER) W/ACCESS
 5. SUPPLY FAN
 6. DISCHARGE PLENUM
4. 6" HIGH CONTINUOUS STEEL BASE RAIL
5. FACTORY INSTALLED AND WIRED VARIABLE FREQUENCY DRIVE (VFD) WITH INTEGRAL DISCONNECT SWITCH.
6. DOUBLE WALL CONSTRUCTION WITH FOAM PANEL INSULATION AND SOLID INTERIOR SURFACE.
7. FULL PERIMETER ROOF CURB W/SOUND BATT FILL.
8. ** CONFIRM OUTSIDE AIR ON FINAL DESIGN.
9. DIRECT DRIVE PLENUM FAN AND DISCHARGE PLENUM HAVE BEEN SELECTED FOR LOW SOUND LEVELS. ALTERNATE MANUFACTURERS SHALL SUBMIT SOUND POWER LEVELS BY OCTAVE BAND WITH REQUEST FOR SUBMISSION.
10. MREV 8 PLEATED MEDIA FILTERS.
11. HEATING ACCESS DOORS SHALL BE A MINIMUM OF 12". COOLING COIL ACCESS DOOR SHALL BE A MINIMUM OF 18".
12. VFD SHALL BE MOUNTED INSIDE THE AHU CABINET. EXTERNALLY MOUNTED DRIVES ARE NOT ACCEPTABLE.
13. PIPE CABINET SHALL BE MINIMUM OF 48" DEEP AND SHALL INCLUDE AT LEAST TWO SIDE DOORS.
14. MOTOR SHALL INCLUDE SHAFT GROUNDING RINGS.
15. EXTERIOR CABINET SHALL BE PAINTED SLATE GREY.