

NOTES:

SINGLE DUCT AIR TERMINAL UNIT SCHEDULE														
UNIT NO.		DUCT		SOUND REQR.		NOT WATER HEATING COIL								
MAX.	MIN.	Refrigerant to Unit (Tons 1 IN.)	CFM/INCH (NOT 1 IN.)	MAX SP. ACROSS UNIT	MAX ROOM	ENT AIR TEMP °F	ENT WATER TEMP °F	MAX GPM	MAX WATER TEMP °F	CFM	MBH	OUTLET COIL SIZE	CONTR TYPE	
47	280	230	5	0.3	0.0	55	180	7	0.3	230	8.3	12-6"	12.3	
48	510	300	7	0.44	0.9	40	55	180	1.4	360	14.4	12-10"	12.3	
49	915	330	10	0.7	1.6	40	55	180	3.3	360	24.7	14-12"	12.3	
50	1320	360	12	0.88	2.2	40	55	180	4.4	360	33.0	16-12"	12.3	
51	1740	390	15	1.1	3.3	40	55	180	5.5	300	39.6	18-12"	12.3	
52	2160	445	18	1.32	3.9	40	55	180	6.6	300	58.8	18-12"	12.3	
53	2580	465	20	1.44	4.4	40	55	180	7.7	0.3	166	8.6	12-6"	12.3
54	3000	480	22	1.56	4.8	40	55	180	8.8	0.1	180	65	12-6"	12.3
55	3420	265	25	1.78	5.4	40	55	180	1.6	12	265	11.9	12-6"	12.3
56	3840	120	28	2.0	6.2	40	55	180	0.3	0.1	120	4.5	12-6"	12.3
57	4260	110	30	2.22	7.0	40	55	180	0.3	0.1	80	4.9	12-6"	12.3
58	4680	150	32	2.44	7.8	40	55	180	0.4	0.1	150	6.3	12-6"	12.3
59	5100	175	35	2.67	8.7	40	55	180	0.5	0.1	175	8.6	12-6"	12.3
60	5520	110	40	3.0	10.0	40	55	180	0.3	0.1	110	4.6	12-6"	12.3
61	5940	100	45	3.33	11.1	40	55	180	0.3	0.1	100	5.5	12-6"	12.3
62	6360	100	50	3.67	12.5	40	55	180	0.3	0.1	100	5.5	12-6"	12.3
63	6780	1000	55	4.0	13.9	40	55	180	1.2	0.3	1000	33.4	14-12"	12.3

NOTES/ACCESSORIES

1. PROVIDE DUCT TRANSITION AT UNIT WHERE UNIT INLET SIZE AND DUCT RUNOUT SIZE ARE DIFFERENT.

2. THE UNIT MAXIMUM SP IS THE PRESSURE DIFFERENCE BETWEEN THE UNIT INLET AND DISCHARGE INCLUDING REPEAT COIL, SOUND ATTENUATORS, DUCT, AND DIFFUSERS. IT IS ALSO THE MINIMUM PRESSURE REQUIRED AT THE UNIT INLET TO OBTAIN THE RATED CFM.

3. REFER TO AIR TERMINAL, UNIT SOUND SCHEDULE FOR MAXIMUM SOUND POWER LEVEL VALUES PERMITTED WITH SP ACROSS UNIT AND ROOM NC SHOWN.

MARK	TYPE	MOUNTING	NECK SIZE	MODULE SIZE	FINISH	REMARKS
A1	SQUARE FLANGE, SPRAY	LAVIN	8/9	24x24"	WHITE	
A2	SQUARE FLANGE, SPRAY	LAVIN	8/9	24x24"	WHITE	
J	SQUARE FLANGE, SPRAY	LAVIN	7/8	24x24"	WHITE	
L	EGO CRATE, RETURN	LAVIN	22x17"	12x24"	WHITE	
L	EGO CRATE, RETURN	LAVIN	22x22"	24x24"	WHITE	

WEATHER DATA	
CITY NAME	CLEVELAND
LOCATION	OHIO
LATITUDE	41.4°
LONGITUDE	81.5°
ELEVATION	904 FEET
SUMMER DESIGN DRY-BULB TEMPERATURE	89°F
SUMMER DESIGN WET-BULB TEMPERATURE	74°F
WINTER DESIGN DRY-BULB TEMPERATURE	3°F
ATMOSPHERIC CLOUDINESS NUMBER	0.06
AVERAGE GROUND REFLECTANCE	0.20

[illegible]

KEY PLAN NTS	NORTH 
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100% CD

FULLY SPRINKLERED