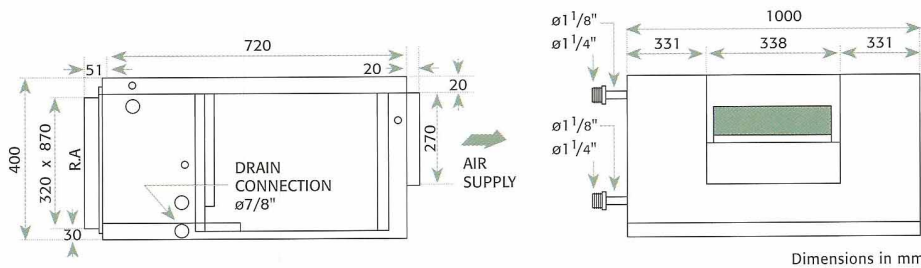


AWSQ 1000 - Super Quiet



Dimensions in mm.

Speed	Sound Pressure Level	Air Volume
	DBA	M ³ /H CFM
High	36	1751 / 1030
Medium	32	1564 / 920
Low	28	1368 / 805

* sound pressure level measured at 3 m' from unit side and 1.5 m' above floor level

Technical Data

*Air flow rate	M ³ /HR (CFM):	1751 (1030)
Fan motor	SPEED/ HP:	3 / 148
Nominal rpm		760
Power supply	V/PH/Hz:	220 / 1 / 50
Current	A:	0.67
Electric Heater Options	kW:	3.5 / 4.5
Weight	Kg	70
Drain tube diameter	Inch:	1/2 BSPT
Fuse (Type)	A(C):	10 With heater-see page 54
Coil face area	Ft ² /m ² :	3.2 / 0.30

* Available data for 0.1" external static pressure with 4 rows deep cooling coil at high speed fan

Water cooling coil rating

EAT (F)		73 DB 62 WB				77 DB 65 WB				80 DB 67 WB				85 DB 71 WB					
EWT	WTR	TC	SC	FLOW	PD	TC	SC	FLOW	PD	TC	SC	FLOW	PD	TC	SC	FLOW	PD		
°F	°F	kbtuh	kbtuh	gpm	ft	kbtuh	kbtuh	gpm	ft	kbtuh	kbtuh	gpm	ft	kbtuh	kbtuh	gpm	ft		
4 rows	42	8	23.8	19.5	6.0	8.7	30.1	21.6	7.5	13.4	34.4	24.8	8.5	17.1	44.0	28.1	11.0	27.4	
		10	21.0	18.1	3.8	4.5	26.8	21.0	5.4	7.1	30.9	23.4	6.1	9.2	41.0	26.8	8.2	15.6	
		12	18.4	16.7	3.1	2.5	23.7	19.6	3.9	3.9	27.7	22.0	4.6	5.3	37.2	25.4	6.1	9.2	
	45	8	19.7	17.6	4.9	6.0	25.4	20.5	6.3	9.7	29.4	22.6	7.5	12.7	38.8	25.9	9.7	21.5	
		10	17.6	16.2	3.5	3.2	22.5	19.1	4.5	5.1	26.4	21.4	5.2	6.8	35.6	24.8	7.1	12.0	
		12	15.5	14.6	2.5	1.7	19.9	17.7	3.3	2.9	23.5	20.0	3.8	3.9	32.0	23.5	5.2	6.8	
	48	8	16.4	15.5	4.1	4.3	21.1	18.5	5.5	6.8	24.8	20.8	6.2	9.3	33.5	24.1	8.3	16.2	
		10	14.6	14.0	2.9	2.2	18.9	17.2	3.7	3.6	22.2	19.5	4.4	4.8	30.3	22.8	6.0	8.7	
		12	11.4	11.4	1.9	1.0	16.8	15.7	2.8	2.0	20.0	18.2	3.3	2.9	27.1	21.6	4.5	5.0	
	5 rows	42	8	27.0	21.9	7.0	8.9	35.0	24.8	8.7	13.7	39.9	27.8	9.9	17.5	50.6	31.3	12.7	27.7
			10	25.0	20.5	4.8	4.7	31.6	23.7	6.3	7.4	36.3	26.3	7.2	9.6	47.5	30.1	9.5	15.9
			12	22.2	19.1	3.7	2.7	28.1	22.2	4.7	4.2	33.0	24.8	5.5	5.6	43.7	28.7	7.2	9.6
45		8	23.3	19.6	5.9	6.3	29.8	22.9	7.4	10.0	34.4	25.4	8.6	13.1	45.1	29.2	11.2	21.9	
		10	21.0	18.5	4.2	3.4	26.7	21.5	5.3	5.3	31.0	24.1	6.2	7.1	41.7	27.9	8.3	12.4	
		12	18.6	17.0	3.1	1.9	23.9	20.1	4.0	3.1	28.0	22.7	4.6	4.2	37.6	26.3	6.2	7.2	
48		8	19.5	17.6	4.9	4.5	24.9	20.8	6.3	7.1	29.1	23.4	7.3	9.6	39.2	27.0	9.8	16.7	
		10	17.7	16.3	3.6	2.4	22.6	19.4	4.5	3.8	26.4	22.0	5.3	5.1	35.7	25.4	7.1	9.2	
		12	15.1	14.2	2.5	1.3	20.4	18.1	3.4	2.2	24.0	20.8	4.0	3.1	32.5	24.3	5.4	5.4	
6 rows		42	8	30.1	24.3	7.9	9.1	39.9	28.0	9.9	13.9	45.3	30.7	11.3	17.8	57.2	34.5	14.3	27.9
			10	28.9	22.8	5.7	4.9	36.6	26.4	7.2	7.6	41.7	29.2	8.3	9.9	54.0	33.4	10.8	16.2
			12	25.9	21.4	4.3	2.9	32.4	24.8	5.5	4.4	38.2	27.6	6.3	5.9	50.1	31.9	8.3	9.9
	45	8	26.8	21.6	6.8	6.6	34.1	25.3	8.5	10.2	39.3	28.1	9.7	13.4	51.3	32.4	12.7	22.3	
		10	24.4	20.7	4.8	3.6	30.9	23.9	6.1	5.5	35.6	26.7	7.1	7.4	47.7	30.9	9.5	12.7	
		12	21.6	19.4	3.6	2.0	27.9	22.5	4.6	3.2	32.4	25.3	5.4	4.4	43.2	29.1	7.2	7.6	
	48	8	22.5	19.7	5.6	4.7	28.7	23.1	7.1	7.3	33.4	25.9	8.3	9.9	44.8	29.9	11.2	17.2	
		10	20.7	18.5	4.2	2.6	26.2	21.6	5.2	4.0	30.6	24.5	6.1	5.4	41.0	28.0	8.2	9.6	
		12	18.7	16.9	3.1	1.5	23.9	20.5	3.9	2.4	28.0	23.3	4.6	3.2	37.8	27.0	6.2	5.7	

Water heating coil rating

EAT (F)		70 DB			80 DB		
EWT	WTD	TH	FLOW	WTD	TH	FLOW	
°F	°F	kbtuh	gpm	°F	kbtuh	gpm	
1 row	113	6.60	10.31	3.16	5.10	7.92	3.16
	120	7.70	12.03	3.16	6.20	9.62	3.16
2 rows	113	6.70	18.19	5.53	5.10	13.95	5.53
	120	7.80	21.21	5.53	6.30	16.96	5.53

Preliminary data
Specifications subject to change
without notice

EA - Entering Air Temperature °F
EWT - Entering Water Temperature °F
WTR - Water Temperature Rise °F

TC - Total Cooling Capacity in 1000-BTU/H
SC - Sensible Cooling Capacity in 1000-BTU/H
PD - Pressure Drop FT H2O

TH - Total Heating Capacity in 1000-BTU/H
WTD - Water Temperature Decrease °F