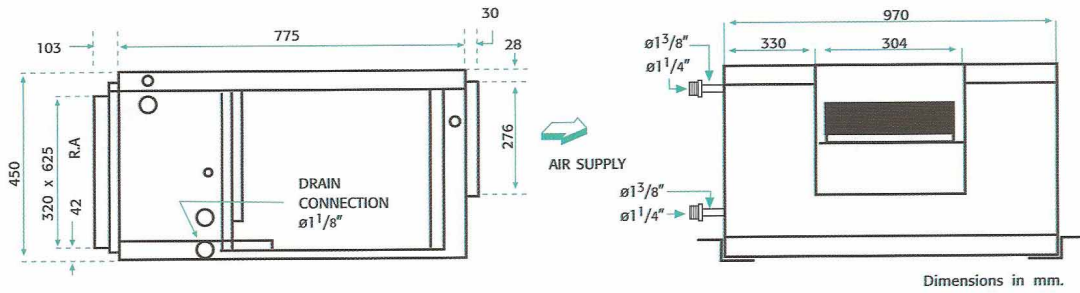


# AWS 1000



## Technical Data

Air flow rate	M <sup>3</sup> /HR (CFM):	1700 (1000)
Fan quantity/type		1 x DD 9-9
Fan motor	SPEED/ HP:	3 / 1/2
Nominal rpm		1250
Power supply	V/PH/Hz:	220-240/1/50
Current	A:	1.9
Electric Heater Options	kW:	2.2 / 3 / 4.4 / 5.6
Sound pressure level*	dB(A):	46
External static pressure	Inch H <sub>2</sub> O:	0.25(8 rows)
Drain tube diameter	Inch:	1/2 BSPT
Fuse (Type)	A(C):	10 With heater-see page 54
Coil face area	Ft <sup>2</sup> /m <sup>2</sup> :	2.2 / 0.2
Weight (Net)	Kg:	70

\* Sound pressure level measured at 1.8 m' from unit side and 1.5 m' above floor level  
Perforated sheet metal on the side panels reduces the sound level up to 2 DB

## Water cooling coil rating (8-rows)

EAT (F)		85 DB 71 WB				95 DB 78 WB			
EWT	WTR	TC	SC	FLOW	PD	TC	SC	FLOW	PD
°F	°F	kbtuh	kbtuh	gpm	ft	kbtuh	kbtuh	gpm	ft
42	8	70.2	41.0	17.8	9.7	100.2	52.2	25.3	18.9
	10	65.1	38.9	13.3	5.5	94.1	50.0	19.0	10.8
	12	59.4	36.4	10.2	3.3	88.7	47.7	15.0	6.9
45	8	62.7	37.8	16.0	7.8	91.6	48.8	23.1	15.9
	10	57.5	35.6	11.8	4.3	87.8	46.9	17.8	9.6
	12	51.7	33.3	8.9	2.6	82.1	44.7	13.8	5.9
48	8	54.9	34.6	14.0	6.1	84.6	45.6	21.4	13.6
	10	49.6	32.5	10.2	3.3	79.6	43.6	16.1	7.9
	12	44.2	30.3	7.6	1.9	73.8	41.5	12.5	4.9

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 H<sub>2</sub>O