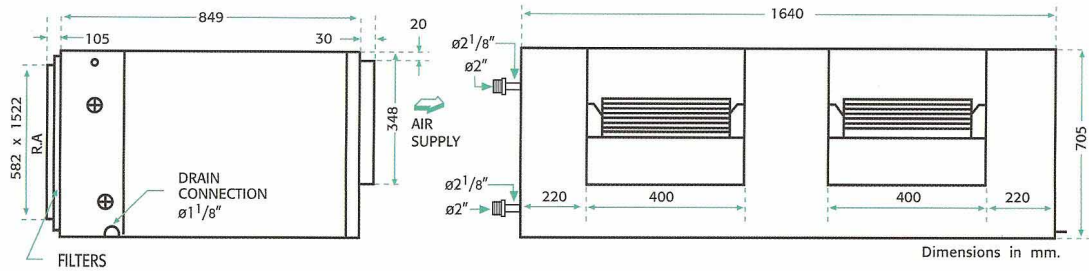


# AWS 4000



## Technical Data

Air flow rate	M <sup>3</sup> /HR (CFM):	6800 (4000)
Fan quantity/type		2 x DD 12-12
Fan motor	SPEED/ HP:	3/1(x2)
Nominal rpm		900
Power supply	V/PH/Hz:	220/1/50
Current	A:	1.9 (x2)
Electric Heater Options	kW:	7.5 / 15 / 22.5
External static pressure	Inch H <sub>2</sub> O:	0.25(8 rows)
Drain tube diameter	Inch:	1-1/8
Fuse (Type)	A(C):	16 With heater-see page 54
Coil face area	Ft <sup>2</sup> /m <sup>2</sup> :	8.8 / 0.82
Weight (Net)	Kg:	160

\* 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	273.9	161.1	68.0	9.0	394.5	206.0	98.4	17.8
	10	252.4	151.7	50.1	5.0	374.1	197.2	74.6	10.6
	12	227.7	141.4	37.8	3.0	348.4	187.7	57.9	6.6
45	8	244.0	148.2	60.8	7.2	364.3	192.9	90.8	15.3
	10	221.5	138.8	44.2	4.0	339.7	183.9	67.7	8.7
	12	194.6	128.0	32.3	2.2	319.5	175.1	53.0	5.6
48	8	212.0	135.0	52.8	5.5	332.1	179.8	82.6	12.7
	10	189.2	125.9	37.7	2.9	309.4	171.1	61.7	7.3
	12	162.1	115.3	26.9	1.6	284.8	162.0	47.3	4.4

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