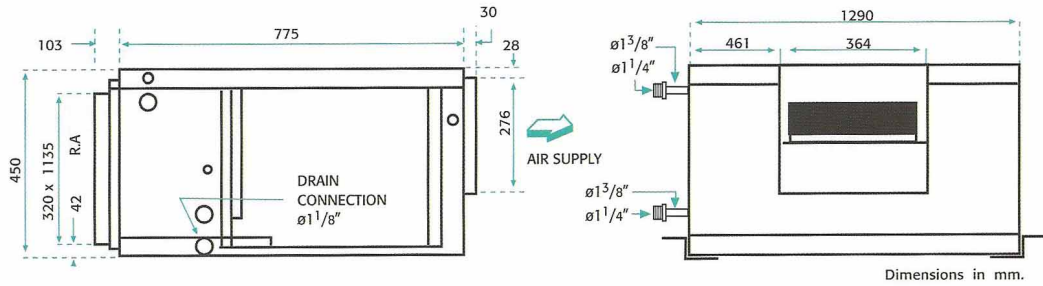


# AWS 1500



Dimensions in mm.

## Technical Data

Air flow rate	M <sup>3</sup> /HR (CFM):	2550 (1500)
Fan quantity/type		1 x DD 9-11
Fan motor	SPEED/ HP:	3 / 1
Nominal rpm		1250
Power supply	V/PH/Hz:	220-240/1/50
Current	A:	4.7
Electric Heater Options	kW:	3.5 / 4.5 / 7
Sound pressure level*	dBA:	47
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> :	3.2 / 0.30
Weight (Net)	Kg:	90

\* 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	96.8	57.9	24.1	4.7	142.9	75.1	36.0	9.7
	10	84.1	52.6	17.1	2.3	131.4	70.6	26.5	5.4
	12	69.7	46.8	11.8	1.2	120.0	65.8	20.1	3.1
45	8	84.7	52.8	21.4	3.6	130.1	70.1	32.7	8.0
	10	71.8	47.6	14.6	1.7	120.3	65.9	24.2	4.5
	12	54.8	40.9	9.3	0.7	106.9	60.9	18.0	2.6
48	8	71.9	47.7	18.3	2.6	118.7	65.2	29.9	6.8
	10	59.4	42.9	12.1	1.2	106.8	60.8	21.5	3.6
	12	48.1	38.3	8.2	0.6	92.9	55.8	15.7	2.0

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