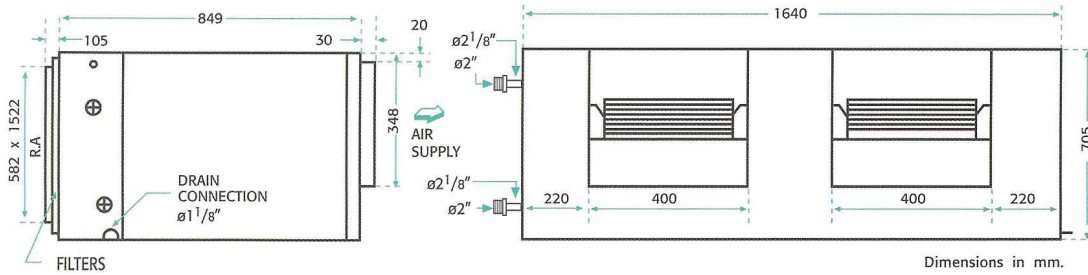


AWS 3500



Technical Data

Air flow rate	M ³ /HR (CFM):	5950 (3500)
Fan quantity/type		2 x DD 12-12
Fan motor	SPEED/ HP:	3 / ³ / ₄ (x2)
Nominal rpm		900
Power supply	V/PH/Hz:	220/1/50
Current	A:	4.6 (x2)
Electric Heater Options	kW:	7.5 / 15 / 22.5
External static pressure	Inch H ₂ 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 ² /m ² :	8.8 / 0.82
Weight (Net)	Kg:	150

* 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	246.6	144.4	61.3	7.3	355.8	185.1	88.7	14.7
	10	227.6	136.0	45.3	4.2	337.0	176.9	67.2	8.7
	12	204.4	204.4	33.9	2.4	313.2	167.9	52.1	5.4
45	8	219.6	132.5	54.4	5.8	328.9	173.3	81.9	12.4
	10	199.9	124.3	39.7	3.3	306.0	164.8	61.0	7.2
	12	174.5	114.0	28.9	1.9	288.4	156.9	59.8	4.7
48	8	191.4	120.9	47.6	4.5	295.2	160.3	73.3	10.1
	10	169.5	112.1	33.7	2.4	279.3	153.4	55.6	6.1
	12	145.0	102.6	24.1	1.3	257.3	145.2	42.7	3.7

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