



Technical Data

Air flow rate	M ³ /HR (CFM):	3400 (2000)
Fan quantity/type		2 x DD 9-9
Fan motor	SPEED/ HP:	3 / 1/2 (x2)
Nominal rpm		1250
Power supply	V/PH/Hz:	220-240/1/50
Current	A:	1.9 (x2)
Electric Heater Options	kW:	4.7 / 5.8 / 9.3
Sound pressure level*	dBA:	49
External static pressure	Inch H ₂ 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 ² /m ² :	4.2 / 0.39
Weight (Net)	Kg:	100

* 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	135.5	80.0	34.0	7.6	197.3	103.0	49.6	15.3
	10	123.8	74.8	24.9	4.2	183.6	97.7	36.8	8.6
	12	109.3	68.9	18.4	2.3	171.5	92.8	28.7	5.5
45	8	120.2	73.3	30.2	5.9	179.4	95.8	45.0	12.7
	10	107.6	68.1	21.7	3.1	169.6	91.4	34.1	7.5
	12	92.7	62.2	15.6	1.7	156.7	86.4	26.2	4.5
48	8	104.2	66.9	26.4	4.5	164.5	89.3	41.4	10.7
	10	91.0	61.7	18.4	2.3	152.6	84.8	30.7	6.1
	12	76.7	56.1	13.0	1.2	139.1	79.8	23.3	3.6

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