

WECS Series
CASSETTE WATER FAN COIL 50Hz
Cooling Capacity: 15,690 - 44,350 Btuh (4.6 - 13.0 kW)
Air Flow Volume: 460 -1,180 CFM (780 - 2,000 m3/h)

MODEL NO.	WECS	005C2	006C2	007C2	008C2	009C2	010C2	012C2
		W-RWTN085	W-RWTN102	W-RWTN125	W-RWTN140	W-RWTN160	W-RWTN180	W-RWTN200
Air Flow Volume (Hi)	CFM (m ³ /hr)	460 (780)	600 (1020)	665 (1130)	800 (1350)	910 (1550)	1060 (1800)	1180 (2000)
Cooling Capacity	Btuh (kw)	15,695 (4.60)	18,425 (5.40)	21,496 (6.30)	27,296 (8.00)	30,708 (9.00)	34,120 (10.00)	44,356 (13.00)
Heating Capacity	Btuh (kw)	26,614 (7.80)	30,708 (9.00)	34,120 (10.00)	40,944 (12.00)	47,768 (14.00)	54,592 (16.00)	64,828 (19.00)
Water Flow Rate	GPM (L/S)	3.49 (0.22)	4.13 (0.26)	4.76 (0.30)	6.03 (0.38)	6.83 (0.43)	7.62 (0.48)	9.84 (0.62)
Water Pressure drop	ft-wtr (kPa)	9.03 (27.00)	16.05 (48.00)	9.03 (27.00)	11.04 (33.00)	11.37 (34.00)	14.05 (42.00)	11.70 (35.00)
Coil Type		Aluminum fin - Copper tube						
Coil face Area	Sqft	2.45	2.45	3.68	3.68	3.68	5.31	5.31
Coil face Velocity	f/m (m/s)	187 (0.95)	244 (1.24)	181 (0.92)	216 (1.10)	248 (1.26)	199 (1.01)	222 (1.13)
Electrical	Voltage	208 - 230 /1/60 Hz						
	FLA	0.34	0.63	0.40	0.58	0.66	0.77	1.10
	Input (W)	70	130	82	120	140	160	230
Fan Motor	Type	PSC - Permanent Split Capacitor Motor						
	Speed	3-Speed						
	Type	Coaxial Turbo Fan						
	Noise L. Hi (db)	39	49	43	50	51	50	55
Air Filter		Cleanable Cartridge Type						
Water Connections In & Out inches (mm)		3/4 (19.05)	3/4 (19.05)	3/4 (19.05)	3/4 (19.05)	3/4 (19.05)	3/4 (19.05)	3/4 (19.05)
Drain Connections Threaded inches (mm)		1 (25.4)	1 (25.4)	1 (25.4)	1 (25.4)	1 (25.4)	1 (25.4)	1 (25.4)
Body Dimensions inches (mm)	Height	7 1/2 (190)	7 1/2 (190)	9 1/2 (240)	9 1/2 (240)	9 1/2 (240)	12 5/8 (320)	12 5/8 (320)
	Width	33 1/8 (840)	33 1/8 (840)	33 1/8 (840)	33 1/8 (840)	33 1/8 (840)	33 1/8 (840)	33 1/8 (840)
	Depth	33 1/8 (840)	33 1/8 (840)	33 1/8 (840)	33 1/8 (840)	33 1/8 (840)	33 1/8 (840)	33 1/8 (840)
Body Net Weight Lbs (kgs)		55.1 (25)	55.1 (25)	57.3 (26)	57.3 (26)	57.3 (26)	70.5 (32)	70.5 (32)
Panel Dimensions inches (mm)	Height	3 1/3 (85)	3 1/3 (85)	3 1/3 (85)	3 1/3 (85)	3 1/3 (85)	3 1/3 (85)	3 1/3 (85)
	Width	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)
	Depth	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)	37 3/8 (950)
Panel Net Weight Lbs (kgs)		15.4 (7)	15.4 (7)	15.4 (7)	15.4 (7)	15.4 (7)	15.4 (7)	15.4 (7)

WATER CASSETTE