



# DX FAN COILS AND CHILLED WATER FAN COILS

Powerful Airflow and Precise Temperature Control



**Cool - Comfort - Energy Saving**

# Models EHXC

## DX FAN COIL

The Concealed DX Fan Coil units are engineered for discreet installation and efficient refrigerant-based cooling performance. Designed to be installed above ceilings or within concealed spaces, these units provide powerful airflow and precise temperature control while maintaining a clean architectural appearance.



Compact, modular design for flexible installations



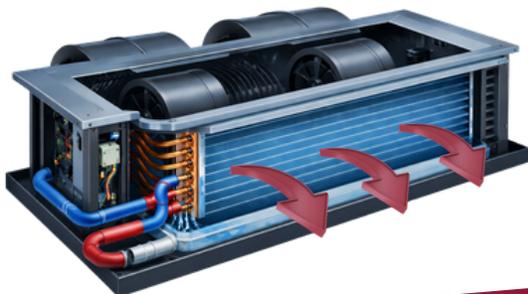
High-efficiency coil (copper tube & aluminum fin)



Dual centrifugal blowers for stable airflow distribution



Equipped with a high-efficiency copper tube and aluminum fin coil, centrifugal blowers, and an insulated drain pan, the unit ensures efficient heat transfer, condensation control, and reliable long-term performance within a durable steel cabinet.



**R-410A**



# Features



High Efficiency  
Aluminum Fin Evaporator



Sturdy Steel  
Construction

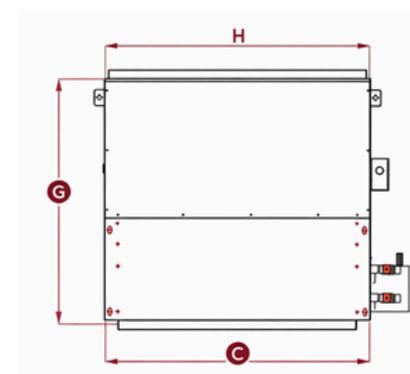
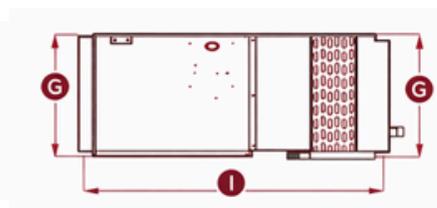
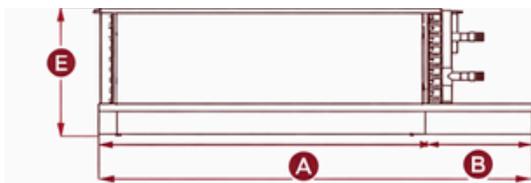


Designed for  
Strength and Durability



Insulated Drain Pan

Model EHXC	12	18	25	30	36	48	60
Capacity (BTU/h)	12,500	18,300	25,800	30,000	36,000	44,200	56,250
Airflow (CFM)	400	600	800	1,000	1,200	1,600	2,000
Efficiency (EER)	10.5	10	10.3	9.8	9.9	9.1	9.2
Voltage / Phase / Frequency	115V / 60Hz / 1Ph (A) or 220V / 240V / 50-60Hz / 1Ph (B)						
Motor Quantity	1	1	1	1	1	2	2
Motor Power (HP)	1	1	1	1	1	2	2
Motor Amps	0.6	0.6	0.75	0.85	1	1.5	1.7
Motor Watts	135	135	165	185	210	330	370
Fan Type	Double Inlet Centrifugal (Turbo)						
Fan Quantity	2	2	2	2	2	4	4
Fan Size (in.)	6 × 6	6 × 8	6 × 9	6 × 9	6.5 × 9	6 × 9	6 × 9
Evaporator Type	High-Efficiency Copper Tube / Aluminum Fin						
Face Area (ft <sup>2</sup> )	1.19	1.69	1.69	1.69	2.44	3.19	3.99
Rows	2	2	3	3	3	3	3
Fins per Inch	16	16	14	14	16	14	16
<b>Connections</b>							
Liquid Line (in.)	3/8	3/8	3/8	3/8	1/2	1/2	1/2
Suction Line (in.)	1/2	5/8	5/8	5/8	3/4	3/4	3/4
Drain (in.)	3/4	3/4	3/4	3/4	3/4	3/4	3/4
<b>Net Dimensions (Inches)</b>							
Height (in.) E	9	9	9	9	9	9	11
Depth (in.) G	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Width (in.) A	29	38	38	38	51	65	65
Net Weight (lb)	36	37.5	40	40	45	74	82
Shipping Weight (lb)	53	45.9	45.9	45.9	61.5	77.3	92.5



# Models EHWC

## CHILLED WATER FAN COIL

The Concealed Chilled Water Fan Coil units are engineered for discreet installation and efficient Water-based cooling performance. Designed to be installed above ceilings or within concealed spaces, these units provide powerful airflow and precise temperature control while maintaining a clean architectural appearance.



Compact, modular design for flexible installations



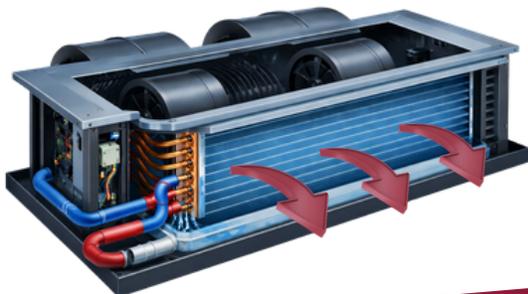
High-efficiency coil (copper tube & aluminum fin)



Dual centrifugal blowers for stable airflow distribution



Equipped with a high-efficiency copper tube and aluminum fin coil, centrifugal blowers, and an insulated drain pan, the unit ensures efficient heat transfer, condensation control, and reliable long-term performance within a durable steel cabinet.



# Features



High Efficiency  
Aluminum Fin Evaporator



Sturdy Steel  
Construction

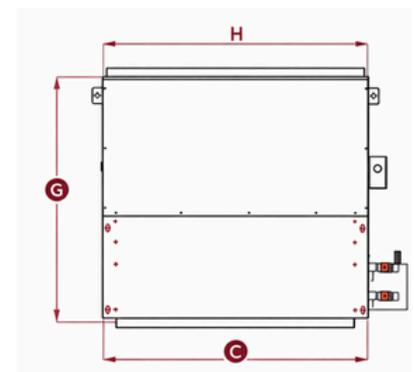
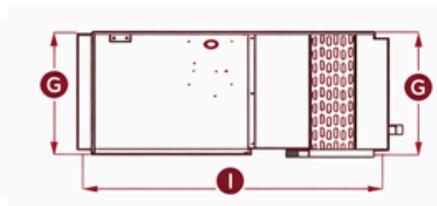
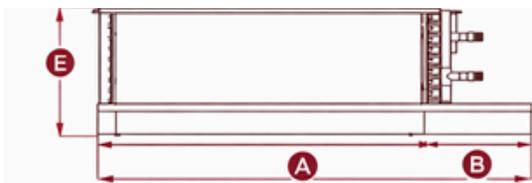


Designed for  
Strength and Durability



Insulated Drain Pan

Model (EHWC)	4	6	8	10	12	16	20
Nominal Air Flow – CFM (max)	400	600	800	1,000	1,200	1,600	2,000
Voltage / Hz / Phase	115V / 60Hz / 1Ph (A) or 220V / 240V / 50–60Hz / 1Ph (B)						
Noise Level – dB(A)	45	48	51	52	60	62	63
Motor Quantity	1	1	1	1	2	2	2
Motor Power (HP)	1/20	1/20	1/15	1/10	1/20	1/15	1/10
Amps (A)	0.9	0.9	1.2	1.5	1.8	2.4	3
Amps (B)	0.45	0.45	0.6	0.75	0.9	1.2	1.5
Motor Watts	100	100	135	165	200	270	330
Fan Type	Double Inlet Centrifugal						
Fan Quantity	2	2	2	2	4	4	4
Fan Size (in.)	6 × 6	6 × 8	6 × 9	6 × 9	6 × 8	6 × 9	6 × 9
Evaporator Type	High-Efficiency Copper Tube / Aluminum Fin						
Face Area (ft <sup>2</sup> )	1.19	1.69	2.44	2.44	3.19	3.19	3.99
Rows	3	3	3	3	3	4	4
Fins per Inch	12	12	12	12	12	12	12
<b>Connections</b>							
Inches	5/8	5/8	5/8	5/8	3/4	3/4	3/4
Drain	3/4	3/4	3/4	3/4	3/4	3/4	3/4
<b>Net Dimensions (Inches)</b>							
Height (in.) E	9	9	9	9	9	9	11
Depth (in.) G	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Width (in.) A	29	38	51	51	65	65	65
Net Weight (lb)	36	38	45	45	53	74	82
Shipping Volume (ft <sup>3</sup> )	3.53	4.59	6.15	6.15	7.73	7.73	9.25



# Model EHWC(C)

## CASED CHILLED WATER FAN COIL

The Chilled Water units are engineered with an ultra-compact design optimized for space-saving installation, making them ideal for both new construction and renovation projects.

These units deliver reliable airflow performance while maintaining low noise levels for enhanced occupant comfort.



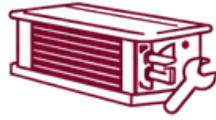
Designed for energy efficiency and long-term reliability, the EHWC(C) Series incorporates a multi-speed, high-efficiency motor, insulated drain pan, and optimized power consumption to maximize operational savings.



# Features



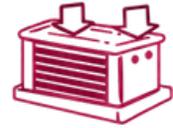
High-efficiency heat transfer surface



Cost-effective installation



High-efficiency multi-speed motor for superior airflow



Ultra-compact design optimized for space-saving installation

## Cooling Performance (Standard Operation)

### CHILLED WATER

EWT: 45°F | LWT: 55°F |  $\Delta T$ : 10°F

ENTERING AIR TEMP EDB/EWB (F)		72/61				74/63				80/67				84/71			
Model	Airflow (CFM)	TC (BTU/hr)	SC (BTU/hr)	WF l/hr	WPD Kpa	TC (BTU/hr)	SC (BTU/hr)	WF l/hr	WPD Kpa	TC (BTU/hr)	SC (BTU/hr)	WF l/hr	WPD Kpa	TC (BTU/hr)	SC (BTU/hr)	WF l/hr	WPD Kpa
EHWC(C)12	400	9,817	8,817	443	34	12,114	9,675	547	49	16,710	12,248	755	85	21,305	13,964	962	131
EHWC(C)18	500	11,361	10,204	513	43	14,020	11,196	633	63	19,338	14,175	873	110	24,656	16,160	1,113	169
EHWC(C)25	600	14,141	12,700	639	64	17,451	13,936	788	92	24,070	17,643	1,087	162	30,690	20,115	1,386	248
EHWC(C)30	1000	15,716	14,116	710	16	19,395	15,489	876	22	26,752	19,610	1,208	39	34,110	22,357	1,540	60
EHWC(C)36	1200	20,695	18,587	935	27	25,539	20,396	1,153	39	35,227	25,822	1,591	68	44,915	29,439	2,028	104
EHWC(C)48	1600	29,078	26,116	1,313	15	35,884	28,657	1,620	22	49,496	36,281	2,235	39	63,108	41,363	2,850	59
EHWC(C)60	2000	32,968	29,610	1,489	20	40,684	32,491	1,837	29	56,118	41,134	2,534	51	71,551	46,896	3,231	79

EWT – Entering Water Temperature TC – Total Sensible Cooling (BTU/hr) SC – Sensible Cooling (BTU/hr) WF – Water Flow Rate (l/h) WPD – Water Pressure Drop (KPa)

Dimensions	BCM 12-18	BCM 25-30	BCM-36	BCM-48	BCM-60	BCM-70	BCM-80
A	38.11	38.11	43.62	43.62	49.61	49.61	49.61
B	30.51	30.51	36.02	36.02	41.97	41.97	41.97
C	33.07	33.07	38.58	38.58	44.57	44.57	44.57
E	8.78	10.83	10.83	14.8	14.8	16.85	18.9
G	18.58	20.24	20.24	25.59	25.59	30.59	33.39
H	34.57	34.57	40.08	40.08	46.06	46.06	46.06
I	9.84	11.5	11.5	14.17	14.17	16.18	18.19

