

**Low Temperature Fan Coil**

**STANDARD FEATURES**

- Max operating temperature - 160°F
- DC motor w/ variable speed modulation using EC motor driver
- Motorized adjustable louvers
- Quiet operation (33-58 dB)
- Elegant modern design
- Heating / cooling operation
- Stainless steel flexible hose connections
- LED Display / Remote Control
- Condensate hose



Unit Configuration				Configuration			HW-06-ECM	HW-15-ECM	HW-18-ECM
				Number Of Fan Blowers			2-Pipe Single		
Performance Data	Air	Air Flow	H	CFM	294	379	464		
			M		218	294	435		
			L		171	218	335		
	Cooling	Cooling Capacity	H	BTU/Hr*	6968	10199	12590		
			M		6151	9011	11132		
			L		4866	7136	8813		
		Sensible Cooling Capacity	H		4817	7031	8686		
			M		3754	5659	7507		
			L		3107	4202	6080		
	Heating	Heating Capacity	H	BTU/Hr*	13961	20436	25227		
			M		10832	15856	19572		
			L		7712	11302	13952		
	Electrical	Fan motor power	H		W	18	22	30	
			M			13	15	20	
			L			10	10	13	
		Voltage	V/Ph/Hz			115/1/60			
	Sound	Fan Motor Running Current @ H 115V		A	0.31	0.38	0.52		
		Sound Pressure Level H/M/L		dB(A)	39/31/26	45/34/31	49/44/37		
	Hydronic	Water Flow Rate	H	GPM	1.39	2.03	2.52		
			M		1.1	1.68	2.2		
			L		0.92	1.26	1.81		
		Pressure Drop	H	Ft.wg	7.9	9.7	13.5		
			M		5.3	6.9	10.8		
			L		3.9	4.3	7.6		
Heating Pressure Drop		H	Ft.wg		7	9	12		
		M			4.8	6.2	9.7		
		L			3.5	3.8	6.9		
Volume		gal		0.02	0.03	0.05			
Connections		Type		NPT Threaded Male					
		In		in	1/2				
	Out	'5/8							
Condensate Drainage Connection									
Net Weight		lbs	26.5	28.7	30.9				

a. Cooling:  
Return air temperature: 80°F DB/67°F WB.  
Inlet/Outlet water temperature: 45°F/55°F

b. Heating Return air temperature:  
70°F Inlet water temperature: 140°F

\*Heating: water temperature difference is 20°F.  
Cooling: water temperature difference is 10°F.



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PROJECT: \_\_\_\_\_ DATE: \_\_\_\_\_

LOCATION: \_\_\_\_\_

CUSTOMER: \_\_\_\_\_

ENGINEER: \_\_\_\_\_

SUBMITTED BY: \_\_\_\_\_

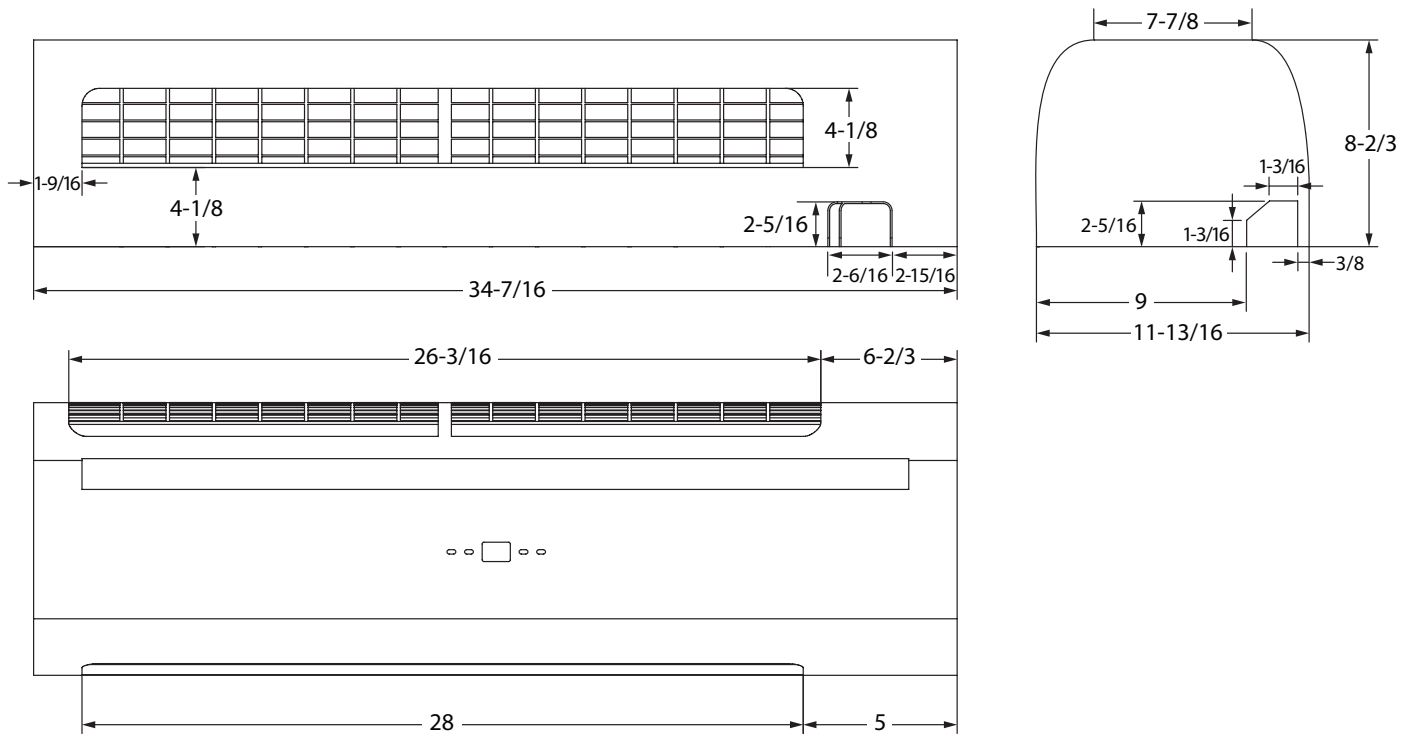
FOR:  Reference  Approval  Construction

UNIT DESIGNATION: \_\_\_\_\_

SCHEDULE NUMBER: \_\_\_\_\_

# SUBMITTAL DATA: HIGHWALL HEATING/COOLING FAN COIL

## Dimensional data - HW-06/15/18-ECM



Model	Output (BTU/h)					
	Heating			Cooling		
	Entering Water Temperature					
	120°F	140°F	160°F	45°F	47°F	50°F
HW-06-ECM	7721	10832	13961	6968	6151	4866
HW-15-ECM	11302	15856	20436	10199	9011	7136
HW-18-ECM	13952	19572	25227	12590	11132	8813