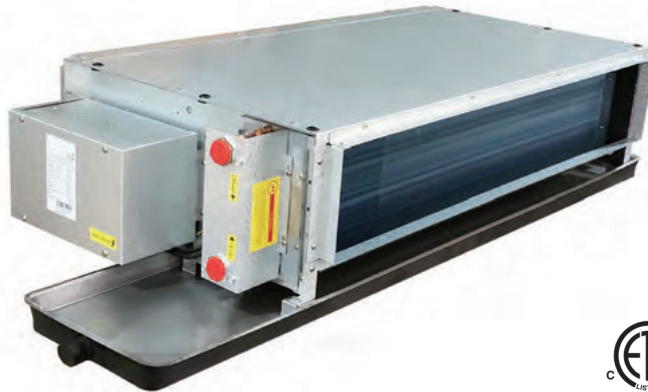


# Horizontal Ceiling Concealed with Plenum & filter



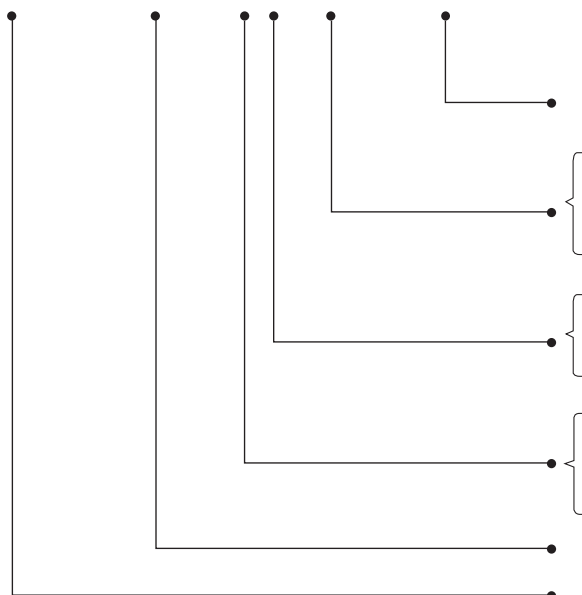
## MFCHC-AECM



Easily adaptable for concealed or above-ceiling mounting, the MFCHC compact fan coil units save floor space, making it an ideal choice for use in new construction and retrofit applications. The design flexibility allows the unit to be customized to meet a variety of space requirements. The units are designed for easy installation and service.

- » Performance in accordance to Standard AHRI440
- » Sound Performance tested as per AHRI Standard 350-2000 (non-ducted equipment)
- » ETL-Listed, Constructed in compliance with ANSI/UL 1995 Standard
- » High-efficiency Variable speed ECM motor available for higher energy efficiency
- » Completed controller with VAV & VWV control logic;
- » Merv 4 class filter as standard;
- » ESP 0.05/0.12/0.2 can be set on site or remote diagnosis;
- » Special grade GI steel with Al + Zn coating known as 'Galvalume'
- » 2-way /3-way modulating valve kit with Isolation ball valves & strainer as optional;
- » 6-way valve as optional;

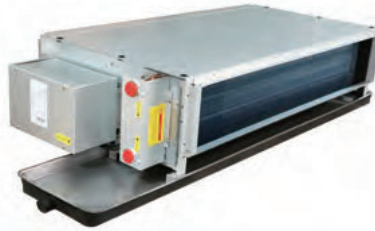
### MFCHC - 400 - VX -S - AECM



AECM	EC motor configuration
S	Complete controller with VAV&VWV control logic
W	EC motor driver suitable for connection to AC or EC modulating thermostat
X	220V/1P/60Hz EC motor
Y	115V/1P/60Hz EC motor
P	Chilled/Hot Water, 4-Pipe
V	Chilled/Hot Water, 2-Pipe
VEH	Chilled Water, 2-Pipe with Electric Heater
200~1600	Unit Sizes
MFCHC	Horizontal ceiling concealed unit with Plenum & filter

# Technical Data

MFCHC



## MFCHC(3R)-V-AECM

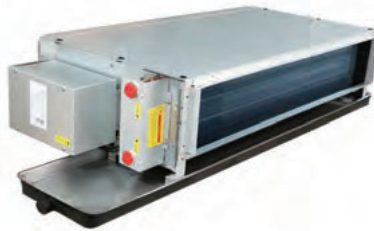
Product range: MFCHC(3R)-V~AECM Hydronic Ducted 2-pipe Unit with 3-row Coil and EC motor

MFCHC(3R)-[Size]-V~AECM				200	300	400	500	600	800	1000	1200	1400	1600		
Unit Configuration	Configuration			2-pipe											
	Number Of Fan Blowers			Single	Twin				Three		Four	Three	Four		
	Power Supply (V/Ph/Hz)			115 / 1 / 60 or 220 / 1 / 60											
	Operation Control			~S: Complete controller with VAV&VWV control logic ~W: EC motor driver suitable for connection to AC or EC modulating thermostat											
Performance Data	Air	Air Flow	H	CFM	278	369	510	576	698	979	1090	1239	1773	2365	
			M		221	330	429	449	594	742	946	1161	1670	2226	
			L		166	241	246	337	486	579	757	967	1214	1620	
		ESP	H	in.wg	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
			M		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
			L		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
	Cooling	Cooling Capacity	H	Btu/Hr	8910	11670	15129	17351	19984	30579	31199	35309	49241	59004	
			M		7524	10718	13261	14368	17810	24660	28081	33558	47205	56709	
			L		6013	8414	8566	11507	15147	20479	23616	29238	37075	44349	
		Sensible Cooling Capacity	H	Btu/Hr	6066	7917	10414	11844	13558	20793	21473	24267	33880	40444	
			M		5053	7245	9074	9660	11947	16514	19173	23011	32378	38739	
			L		4001	5588	5713	7673	10099	13604	15945	19792	24999	29773	
	Heating	Heating Capacity	H	Btu/Hr	13851	18142	23519	26973	31067	47536	48500	54890	76547	91724	
			M		11697	16662	20614	22335	27687	38335	43653	52167	73382	88157	
			L		9347	13079	13317	17888	23546	31835	36712	45452	57635	68943	
		Max. Electric Heater Capacity@220V	kW	2	3	4	5	5	6	6	6	6	6		
	Sound	Sound Pressure Level (outlet)			48/47/43	50/49/46	52/50/44	52/51/46	54/52/49	53/52/47	56/54/50	58/55/52	58/54/50	59/57/55	
		Sound Pressure Level( Inlet + Radiated )			50/49/45	52/51/48	54/52/46	54/53/48	56/54/41	55/54/49	58/56/52	60/57/54	60/56/52	61/59/57	
		Sound Power Level (outlet)			57/56/52	59/58/55	61/59/53	61/60/55	63/61/58	62/61/56	65/63/59	67/64/61	67/63/59	68/66/64	
		Sound Power Level( Inlet + Radiated )			59/58/54	61/60/57	63/61/55	63/62/57	65/63/60	64/63/58	67/65/61	69/66/63	69/65/61	70/68/66	
	Electrical	Fan Motor Power	H	W	53	63	83	96	102	150	180	224	363	380	
			M		43	52	58	68	84	128	147	190	286	310	
			L		32	31	35	49	62	84	94	113	170	190	
	Hydraulic	Cooling Water Flow Rate	H	GPM	1.8	2.3	3.0	3.4	4.0	6.0	6.2	7.0	9.7	11.65	
M			1.5		2.1	2.6	2.8	3.5	4.9	5.6	6.6	9.3	11.2		
L			1.2		1.7	1.7	2.3	3.0	4.0	4.7	5.8	7.3	8.6		
Cooling Pressure Drop		H	ft.wg	6.25	11.18	6.43	8.87	12.31	15.71	5.67	7.43	13.81	17.82		
		M		4.61	9.59	5.07	6.32	10.01	10.67	4.69	6.78	11.19	15.13		
		L		3.08	6.2	2.31	4.23	7.47	7.63	3.44	5.29	8.3	10.06		
Heating Water Flow Rate		H	GPM	1.8	2.3	3.0	3.4	4.0	6.0	6.2	7.0	9.7	11.6		
		M		1.5	2.1	2.6	2.8	3.5	4.9	5.6	6.6	9.3	11.2		
		L		1.2	1.7	1.7	2.3	3.0	4.0	4.7	5.8	7.3	8.7		
Heating Pressure Drop		H	ft.wg	5.62	10.06	5.78	7.98	11.08	14.14	5.1	6.69	12.43	16.04		
		M		4.15	8.63	4.56	5.68	9	9.6	4.22	6.1	10.07	13.62		
		L		2.77	5.58	2.08	3.81	6.73	6.87	3.09	4.76	7.47	9.06		
water content			US.gal	0.19	0.23	0.27	0.31	0.35	0.51	0.55	0.59	0.68	0.75		
Construction and Packing Data	Water		Type	Socket (Threaded Female)											
	Connections	In	in	NPT3/4"											
		Out		Dia. 3/4"											
	Condensate Drainage Connection			Dia. 3/4"											
	Dimensions	L	inch	29 3/4	33 11/16	37 5/8	45 1/2	49 7/16	65 3/16	69 1/16	73	69 1/16	77		
		W		21 5/8								24 7/16			
H		9 13/16								11 13/16					
Net Weight			lbs	37	51	53	62	68	79	95	99	112	132		

Testing conditions: a. Cooling mode: ~Return air temperature: 80F DB/ 67F WB. ~Inlet/ outlet water temperature: 45F/ 55F. b. Heating mode: ~ Return air temperature: 70F. ~ Inlet water temperature: 140F ~ Water flow same to cooling mode

# Technical Data

MFCHC



## MFCHC(4R)-V-AECM

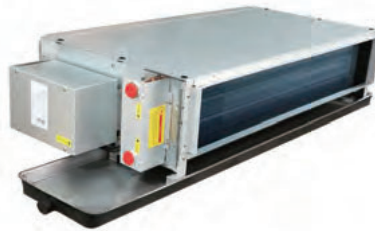
Product range: MFCHC(4R)-V~AECM Hydronic Ducted 2-pipe Unit with 4-row Coil and EC motor

MFCHC(4R)-[Size]-V~AECM				200	300	400	500	600	800	1000	1200	1400	1600		
Unit Configuration	Configuration			2-pipe											
	Number Of Fan Blowers			Single		Twin			Three		Four	Three	Four		
	Power Supply (V/Ph/Hz)			115 / 1 / 60 or 220 / 1 / 60											
	Operation Control			~S: Complete controller with VAV&VWV control logic ~W: EC motor driver suitable for connection to AC or EC modulating thermostat											
Performance Data	Air	Air Flow	H	CFM	259	350	479	543	662	920	1044	1188	1710	2281	
			M	CFM	205	315	403	419	567	692	909	1122	1621	2162	
			L	CFM	155	231	226	318	468	546	733	938	1182	1576	
		ESP	H	in.wg	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
			M	in.wg	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
			L	in.wg	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Cooling	Cooling Capacity	H	Btu/Hr	7471	9542	12866	15648	18026	24687	29710	33678	45550	54408	
			M	Btu/Hr	6253	8818	11237	12867	16110	19961	26741	32215	43918	52280	
			L	Btu/Hr	5041	6974	7227	10432	13830	16481	22723	28236	34494	41102	
		Sensible Cooling Capacity	H	Btu/Hr	5274	6715	9071	14524	12733	17417	20946	23741	32507	38838	
			M	Btu/Hr	4353	6184	7873	11759	11286	13864	18703	22664	31261	37284	
			L	Btu/Hr	3479	4807	4929	9461	9585	11360	15719	19612	24136	28880	
	Heating	Heating Capacity	H	Btu/Hr	11613	14833	20000	24326	28022	38377	46185	52353	70810	87579	
			M	Btu/Hr	9721	13709	17469	20002	25043	31031	41570	50079	68273	81272	
			L	Btu/Hr	7837	10841	11235	16217	21500	25621	35324	43894	53622	63894	
	Max. Electric Heater Capacity@220V			kW	2	3	4	5	5	6	6	6	6	6	
		Sound	Sound Pressure Level (outlet)		dB(A)	48/47/43	50/49/46	52/50/44	45/44/39	54/52/49	53/52/47	56/54/50	58/55/52	58/54/50	59/57/55
			Sound Pressure Level( Inlet + Radiated )		dB(A)	50/49/45	52/51/48	54/52/46	54/53/48	56/54/51	55/54/49	58/56/52	60/57/54	60/56/52	61/59/57
	Sound Power Level (outlet)		dB(A)	57/56/52	59/58/55	61/59/53	61/60/55	63/61/58	62/61/56	65/63/59	67/64/61	67/63/59	68/66/64		
	Sound Power Level( Inlet + Radiated )		dB(A)	59/58/54	61/60/57	63/61/55	63/62/57	65/63/60	64/63/58	67/65/61	69/66/63	69/65/61	70/68/66		
	Electrical	Fan Motor Power	H	W	53	63	83	96	102	150	180	224	363	380	
			M	W	43	52	58	68	84	128	147	190	286	310	
			L	W	26	31	35	49	62	84	94	113	170	190	
	Hydraulic	Cooling Water Flow Rate	H	GPM	1.0	1.3	1.7	2.1	2.4	3.3	4.0	4.5	6.1	7.2	
M			GPM	0.8	1.2	1.5	1.7	2.2	2.7	3.6	4.3	5.9	6.9		
L			GPM	0.7	0.9	1.0	1.4	1.8	2.2	3.0	3.8	4.6	5.5		
Cooling Pressure Drop		H	ft.wg	2.99	5.09	9.53	4.82	6.71	6.99	10.22	13.52	11.12	14.9		
		M	ft.wg	2.17	4.42	7.47	3.39	5.48	4.77	8.46	12.48	10.41	13.9		
		L	ft.wg	1.47	2.9	3.38	2.32	4.16	3.38	6.31	9.85	6.74	9.0		
Heating Water Flow Rate		H	GPM	1.0	1.3	1.7	2.1	2.4	3.3	4.0	4.5	6.1	7.2		
		M	GPM	0.8	1.2	1.5	1.7	2.2	2.7	3.6	4.3	5.9	6.9		
		L	GPM	0.7	0.9	1.0	1.4	1.8	2.2	3.0	3.8	4.6	5.4		
Heating Pressure Drop		H	ft.wg	2.69	4.58	8.58	4.34	6.04	6.29	9.2	12.17	10.01	14.9		
		M	ft.wg	1.95	3.98	6.72	3.05	4.93	4.29	7.61	11.24	9.37	13.9		
		L	ft.wg	1.33	2.61	3.04	2.09	3.75	3.04	5.68	8.86	6.07	9.02		
water content			US.gal	0.25	0.31	0.36	0.41	0.46	0.68	0.73	0.78	0.91	1.00		
Construction and Packing Data	Water	Type	Socket (Threaded Female)												
	Connections	In	in	NPT3/4"											
		Out	in	NPT3/4"											
	Condensate Drainage Connection			Dia. 3/4"											
	Dimensions	L	inch	29 3/4	33 11/16	37 5/8	45 1/2	49 7/16	65 3/16	69 1/16	73	69 1/16	77		
		W	inch	21 5/8									24 7/16		
H		inch	9 13/16												
Net Weight			lbs	37	51	53	62	68	79	95	99	112	132		

Testing conditions: a. Cooling mode: ~Return air temperature: 80F DB/ 67F WB. ~Inlet/ outlet water temperature: 45F/ 55F. b. Heating mode: ~Return air temperature: 70F. ~Inlet water temperature: 140F ~Water flow same to cooling mode

# Technical Data

MFCHC



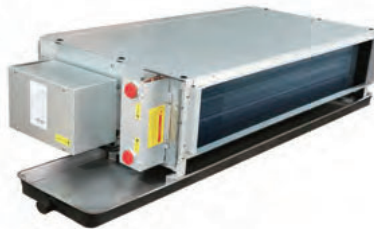
## MFCHC(6R)-V-AECM

Product range: MFCHC(6R)-V~AECM Hydronic Ducted 2-pipe Unit with 6-row Coil and EC motor

MFCHC(6R)-[Size]-V~AECM				200	300	400	500	600	800	1000	1200	1400	1600			
Unit Configuration	Configuration			2-pipe												
	Number Of Fan Blowers			Single	Twin			Three		Four	Three	Four				
	Power Supply (V/Ph/Hz)			115 / 1 / 60 or 220 / 1 / 60												
	Operation Control			~S: Complete controller with VAV&VWV control logic ~W: EC motor driver suitable for connection to AC or EC modulating thermostat												
Performance Data	Air	Air Flow	H	CFM	224	313	421	484	596	809	957	1094	1593	2124		
			M	CFM	173	284	352	360	511	591	837	1043	1524	2032		
			L	CFM	133	210	186	279	430	480	686	881	1116	1488		
		ESP	H	in.wg	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
			M	in.wg	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
			L	in.wg	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
	Cooling	Cooling Capacity	H	Btu/Hr	7409	10374	13571	15932	19076	26557	31275	35601	49627	62824		
			M	Btu/Hr	6116	9688	11878	12678	17001	20939	28268	34398	47929	60759		
			L	Btu/Hr	4931	7662	7283	10405	14949	17747	24259	30030	37899	47825		
		Sensible Cooling Capacity	H	Btu/Hr	5109	7123	9366	10955	13183	18240	21453	24375	34351	44037		
			M	Btu/Hr	4155	6614	8099	8590	11617	14137	19211	23488	33127	42532		
			L	Btu/Hr	3321	5161	4829	6977	10162	11915	16398	20380	25717	32896		
	Heating	Heating Capacity	H	Btu/Hr	11518	16127	21096	24768	29655	41284	48619	55343	77147	97663		
			M	Btu/Hr	9507	15061	18464	19709	26429	32550	43945	53474	74507	94452		
			L	Btu/Hr	7665	11912	11322	16176	23238	27588	37712	46683	58917	74345		
	Electrical	Max. Electric Heater Capacity@220V	kW		2	3	4	5	5	6	6	6	6	6		
			Sound	Sound Pressure Level (outlet)	dB(A)		48/47/43	50/49/46	52/50/44	52/51/46	54/52/49	53/52/47	56/54/50	58/55/52	58/56/52	52/50/48
					Sound Pressure Level( Inlet + Radiated )	dB(A)		50/49/45	52/51/48	54/52/46	54/53/48	56/54/51	55/54/49	58/56/52	60/57/54	60/56/52
	dB(A)					57/56/52	59/58/55	61/59/53	61/60/55	63/61/58	62/61/56	65/63/59	67/64/61	67/65/61	68/66/64	
	dB(A)					59/58/54	61/60/57	63/61/55	63/62/57	65/63/60	64/63/58	67/65/61	69/66/63	69/65/61	70/68/66	
	Hydraulic	Cooling Water Flow Rate	H	GPM	1.0	1.4	1.8	2.1	2.5	3.5	4.2	4.7	6.6	8.37		
			M	GPM	0.8	1.3	1.6	1.7	2.3	2.8	3.8	4.6	6.4	8.1		
			L	GPM	0.7	1.0	1.0	1.4	2.0	2.4	3.2	4.0	5.0	6.37		
		Cooling Pressure Drop	H	ft.wg	4.43	8.83	5.15	7.44	5.04	11.89	9.1	12.01	17.66	14.4		
M			ft.wg	3.14	7.8	4.05	4.93	4.1	7.75	7.58	11.29	16.58	13.56			
L			ft.wg	2.13	5.12	1.68	3.45	3.25	5.76	5.76	8.84	10.87	8.81			
Heating Water Flow Rate		H	GPM	1.0	1.4	1.8	2.1	2.5	3.5	4.2	4.7	6.6	8.37			
		M	GPM	0.8	1.3	1.6	1.7	2.3	2.8	3.8	4.6	6.4	8.1			
		L	GPM	0.7	1.0	1.0	1.4	2.0	2.4	3.2	4.0	5.0	6.37			
Heating Pressure Drop		H	ft.wg	3.99	7.95	4.64	6.69	4.54	10.7	8.19	10.81	15.8	12.96			
		M	ft.wg	2.83	7.02	3.65	4.44	3.69	6.98	6.83	10.16	14.9	12.2			
		L	ft.wg	1.92	4.6	1.51	3.11	2.92	5.18	5.18	7.96	9.7	7.93			
Construction and Packing Data	water content		US.gal	0.38	0.46	0.54	0.62	0.70	1.01	1.09	1.17	1.37	1.50			
	Water	Type	Socket (Threaded Female)													
		Connections	In	NPT3/4"												
	Condensate Drainage Connection	Out	Dia. 3/4"													
		Dimensions	L	29 3/4	33 11/16	37 5/8	45 1/2	49 7/16	65 3/16	69 1/16	73	69 1/16	77			
	W		23 1/4"										26"			
	H		9 13/16"										11 13/16"			
	Net Weight		lbs	37	51	53	62	68	79	95	99	112	132			

Testing conditions: a. Cooling mode: ~Return air temperature: 80F DB/ 67F WB. ~Inlet/ outlet water temperature: 45F/ 55F.  
 b. Heating mode: ~ Return air temperature: 70F. ~ Inlet water temperature: 140F ~ Water flow same to cooling mode

# Technical Data



MFCHC

## MFCHC(3R+1)-P-AECM

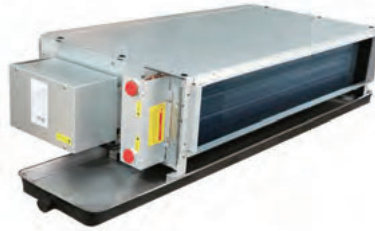
Product range: MFCHC(3R+1)-P~AECM Hydronic Ducted 4-pipe Unit with 3-row Cooling and 1-row Heating Coils and EC motor

MFCHC(3R+1)-[Size]-P~AECM				200	300	400	500	600	800	1000	1200	1400	1600		
<b>Unit Configuration</b>	Configuration			4-pipe											
	Number Of Fan Blowers			Single		Twin			Three		Four	Three	Four		
	Power Supply (V/Ph/Hz)			115 / 1 / 60					or 220 / 1 / 60						
	Operation Control			~S: Complete controller with VAV&VWV control logic ~W: EC motor driver suitable for connection to AC or EC modulating thermostat											
<b>Performance Data</b>	Air	Air Flow	H	CFM	259	350	479	543	662	920	1044	1188	1710	2280	
			M		205	315	403	419	567	692	909	1122	1621	2161	
			L		155	231	226	318	468	546	733	938	1182	1575	
		ESP	H	in.wg	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
			M		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
			L		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
	Cooling	Cooling Capacity	H	Btu/Hr	8471	11194	14447	16613	19222	29153	30308	34308	48115	57693	
			M		7062	10322	12667	13585	17168	23374	27190	32807	45947	55359	
			L		5650	8151	8109	10938	14794	19535	23124	28711	36082	43578	
		Sensible Cooling Capacity	H	Btu/Hr	5754	7581	9923	11318	12982	19784	20833	23549	33038	39469	
			M		4722	6957	8632	9102	11486	15595	18494	22461	31480	37748	
			L		3751	5409	5377	7279	9855	12955	15605	19411	24284	29220	
	Heating	Heating Capacity	H	Btu/Hr	7365	9705	12865	14521	17265	24485	27471	30588	41145	52457	
			M		6191	9003	11246	11925	15248	19727	24765	29316	39966	50669	
			L		4970	7065	7164	9653	13238	16439	20890	25321	31042	39623	
		Max. Electric Heater Capacity@220V	kW	2	3	4	5	5	6	6	6	6	6		
	Sound	Sound Pressure Level (outlet)		dB(A)	48/47/43	50/49/46	52/50/44	52/51/46	54/52/49	53/52/47	56/54/50	58/55/52	58/54/50	59/57/55	
		Sound Pressure Level( Inlet + Radiated )			50/49/45	52/51/48	54/52/46	54/53/48	56/54/51	55/54/49	58/56/52	60/57/54	60/56/52	61/59/57	
		Sound Power Level (outlet)			57/56/52	59/58/55	61/59/53	61/60/55	63/61/58	62/61/56	65/63/59	67/64/61	67/63/59	68/66/64	
		Sound Power Level( Inlet + Radiated )			59/58/54	61/60/57	63/61/55	63/62/57	65/63/60	64/63/58	67/65/61	69/66/63	69/65/61	70/68/66	
Electrical	Fan Motor Power	H	W	53	63	83	96	102	150	180	224	363	380		
		M		43	52	58	68	84	128	147	190	286	310		
		L		26	31	35	49	62	84	94	113	170	190		
Hydraulic	Cooling Water Flow Rate	H	GPM	1.7	2.2	2.9	3.3	3.8	5.8	6.0	6.8	9.5	11.39		
		M		1.4	2.0	2.5	2.7	3.4	4.6	5.4	6.5	9.07	10.93		
		L		1.1	1.6	1.6	2.2	2.9	3.9	4.6	5.7	7.13	8.61		
	Cooling Pressure Drop	H	ft.wg	5.7	10.37	5.91	8.2	11.48	14.42	5.38	8.82	18.99	28.22		
		M		4.11	8.96	4.67	5.71	9.37	9.69	4.43	8.14	17.48	26.2		
		L		2.75	5.86	2.09	3.86	7.16	7.01	3.31	6.4	11.31	17.03		
	Heating Water Flow Rate	H	GPM	0.4	0.5	0.6	0.7	0.9	1.2	1.4	1.5	2.05	2.61		
		M		0.3	0.5	0.6	0.6	0.8	1.0	1.2	1.4	1.98	2.52		
		L		0.3	0.4	0.4	0.5	0.7	0.8	1.0	1.3	1.55	1.97		
	Heating Pressure Drop	H	ft.wg	0.55	1.02	1.88	2.58	0.55	1.38	1.8	2.34	0.48	0.81		
		M		0.4	0.89	1.48	1.81	0.44	0.93	1.49	2.17	0.45	0.76		
		L		0.27	0.57	0.66	1.24	0.34	0.67	1.1	1.67	0.29	0.49		
Chilled water content		US.gal	0.19	0.23	0.27	0.31	0.35	0.51	0.55	0.59	0.68	0.75			
Hot water content			0.06	0.08	0.09	0.10	0.12	0.17	0.18	0.20	0.23	0.25			
<b>Construction and Packing Data</b>	Water	Type		Socket (Threaded Female)											
	Connections	In	inch	NPT3/4"											
		Out		Dia. 3/4"											
	Condensate Drainage Connection														
	Dimensions	L	inch	29 3/4	33 11/16	37 5/8	45 1/2	49 7/16	65 3/16	69 1/16	73	69 1/16	77		
		W		21 5/8									24 7/16		
H		9 13/16									11 13/16				
Net Weight			lbs	37	51	53	62	68	79	95	99	112	132		

Testing conditions: a. Cooling mode: ~Return air temperature: 80F DB/ 67F WB. ~Inlet/ outlet water temperature: 45F/ 55F. b. Heating mode: ~ Return air temperature: 70F. ~ Inlet water temperature: 140F ~ Water flow same to cooling mode

# Technical Data

MFCHC



## MFCHC(3R+2)-P-AECM

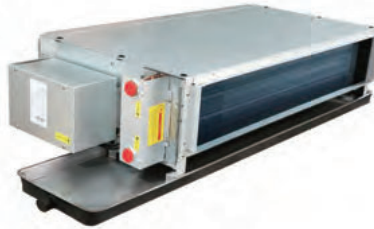
Product range: MFCHC(3R+2)-P~AECM Hydronic Ducted 4-pipe Unit with 3-row Cooling and 2-row Heating Coils and EC motor

MFCHC(3R+2)-[Size]-P~AECM			200	300	400	500	600	800	1000	1200	1400	1600			
Unit Configuration	Configuration		4-pipe												
	Number Of Fan Blowers		Single	Twin			Three			Four	Three	Four			
	Power Supply (V/Ph/Hz)		115 / 1 / 60 or 220 / 1 / 60												
	Operation Control		~S: Complete controller with VAV&VWV control logic ~W: EC motor driver suitable for connection to AC or EC modulating thermostat												
Performance Data	Air	Air Flow	H	CFM	240	330	448	511	627	860	997	1138	1647	2196	
			M	CFM	189	299	378	390	539	641	873	1082	1573	2097	
			L	CFM	144	220	206	299	449	513	710	910	1149	1532	
		ESP	H	in.wg	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
			M	in.wg	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
			L	in.wg	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Cooling	Cooling Capacity	H	Btu/Hr	7970	10718	13656	15876	18452	27523	29195	33057	46576	56054	
			M	Btu/Hr	6650	9925	11970	12905	16503	22055	26487	32056	45004	54261	
			L	Btu/Hr	5359	7883	7526	10511	14264	18592	22631	27921	35420	42421	
		Sensible Cooling Capacity	H	Btu/Hr	5384	7245	9357	10777	12407	18631	20023	22652	31930	38252	
			M	Btu/Hr	4438	6660	8106	8637	11026	14676	17984	21889	30807	36969	
			L	Btu/Hr	3542	5227	4957	6967	9490	12306	15265	18839	23807	28392	
	Heating	Heating Capacity	H	Btu/Hr	11215	15130	19980	22802	27497	38488	43877	49297	67673	87017	
			M	Btu/Hr	9387	14107	17590	18576	24628	30809	39448	47552	65258	83468	
			L	Btu/Hr	7568	11163	10882	15037	21329	25772	33494	41663	51225	66002	
		Max. Electric Heater Capacity@220V		kW	2	3	4	5	5	6	6	6	6	6	
	Sound	Sound Pressure Level (outlet)			dB(A)	48/47/43	50/49/46	52/50/44	52/51/46	54/52/49	53/52/47	56/54/50	58/55/52	58/54/50	59/57/55
		Sound Pressure Level( Inlet + Radiated )			dB(A)	50/49/45	52/51/48	54/52/46	54/53/48	56/54/51	55/54/49	58/56/52	60/57/54	60/56/52	61/59/57
		Sound Power Level (outlet)			dB(A)	57/56/52	59/58/55	61/59/53	61/60/55	63/61/58	62/61/56	65/63/59	67/64/61	67/63/59	68/66/64
		Sound Power Level( Inlet + Radiated )			dB(A)	59/58/54	61/60/57	63/61/55	63/62/57	65/63/60	64/63/58	67/65/61	69/66/63	69/65/61	70/68/66
Electrical	Fan Motor Power	H	W	53	63	83	96	102	150	180	224	363	380		
		M	W	43	52	58	68	84	128	147	190	286	310		
		L	W	26	31	35	49	62	84	94	113	170	190		
Hydraulic	Cooling Water Flow Rate	H	GPM	1.57	2.12	2.7	3.14	3.64	5.44	5.77	6.53	9.2	11.07		
		M	GPM	1.31	1.96	2.36	2.55	3.26	4.36	5.23	6.33	8.89	10.72		
		L	GPM	1.06	1.56	1.49	2.08	2.82	3.67	4.47	5.51	6.99	8.38		
	Cooling Pressure Drop	H	ft.wg	6.39	11.99	6.68	9.45	13.33	16.25	6.29	8.25	17.91	26.79		
		M	ft.wg	4.61	10.44	5.27	6.51	10.9	10.91	5.28	7.81	16.83	25.27		
		L	ft.wg	3.13	6.9	2.29	4.5	8.39	8.02	3.98	6.09	10.94	16.22		
	Heating Water Flow Rate	H	GPM	0.56	0.75	1	1.14	1.37	1.92	2.19	2.46	3.37	4.33		
		M	GPM	0.47	0.7	0.88	0.93	1.23	1.53	1.97	2.37	3.25	4.16		
		L	GPM	0.38	0.56	0.54	0.75	1.06	1.28	1.67	2.08	2.55	3.29		
	Heating Pressure Drop	H	ft.wg	0.47	0.9	1.65	0.74	1.13	2.74	1.65	2.16	1.45	2.47		
		M	ft.wg	0.34	0.8	1.31	0.51	0.92	1.84	1.37	2.03	1.36	2.29		
		L	ft.wg	0.23	0.52	0.55	0.35	0.71	1.33	1.02	1.6	0.88	1.5		
Chilled water content			US.gal	0.19	0.23	0.27	0.31	0.35	0.51	0.55	0.59	0.68	0.75		
Hot water content			US.gal	0.13	0.15	0.18	0.21	0.23	0.34	0.36	0.39	0.45	0.50		
Construction and Packing Data	Water	Type	Socket (Threaded Female)												
	Connections	In	in	NPT3/4"											
		Out		Dia. 3/4"											
	Condensate Drainage Connection														
	Dimensions	L	inch	29 3/4	33 11/16	37 5/8	45 1/2	49 7/16	65 3/16	69 1/16	73	69 1/16	77		
		W		23 1/4"								26"			
H		9 13/16								11 13/16					
Net Weight		lbs	37	51	53	62	68	79	95	99	112	132			

Testing conditions: a. Cooling mode: ~Return air temperature: 80F DB/ 67F WB. ~Inlet/ outlet water temperature: 45F/ 55F. b. Heating mode: ~ Return air temperature: 70F. ~ Inlet water temperature: 140F ~ Water flow same to cooling mode

# Technical Data

MFCHC



## MFCHC(4R+1)-P-AECM

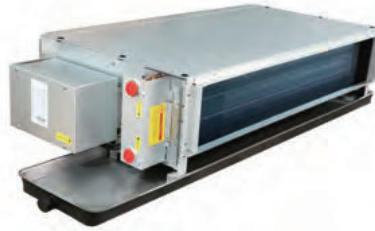
Product range: MFCHC(4R+1)-P~AECM Hydronic Ducted 4-pipe Unit with 4-row Cooling and 1-row Heating Coils and EC motor

MFCHC(4R+1)-[Size]-P~AECM				200	300	400	500	600	800	1000	1200	1400	1600		
Unit Configuration	Configuration			4-pipe											
	Number Of Fan Blowers			Single			Twin			Three		Four	Three	Four	
	Power Supply (V/Ph/Hz)			115 / 1 / 60 or 220 / 1 / 60											
	Operation Control			~S: Complete controller with VAV&VWV control logic ~W: EC motor driver suitable for connection to AC or EC modulating thermostat											
Performance Data	Air	Air Flow	H	CFM	240	330	448	511	627	860	997	1138	1647	2196	
			M	189	299	378	390	539	641	873	1082	1573	2097		
			L	144	220	206	299	449	513	710	910	1149	1532		
		ESP	H	in.wg	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
			M	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
			L	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
	Cooling	Cooling Capacity	H	Btu/Hr	6997	9147	12180	14988	17259	23512	28649	32702	44211	52888	
			M	5866	8490	10723	12165	15464	18725	25893	31483	42748	51098		
			L	4737	6683	6731	9922	13407	15704	22254	27466	33570	40139		
		Sensible Cooling Capacity	H	4926	6426	8568	13885	12169	16554	20166	23023	31478	37728		
			M	4065	5934	7472	11080	10786	12947	18040	22092	30394	36397		
			L	3261	4602	4555	8981	9285	10805	15388	19040	23446	28126		
	Heating	Heating Capacity	H	Btu/Hr	6969	9284	12145	13929	16475	23271	26370	29576	39963	51265	
			M	5816	8651	10693	11265	14694	18595	23825	28538	38779	49337		
			L	4708	6820	6728	9115	12781	15636	20385	24776	30388	38922		
		Max. Electric Heater Capacity@220V			kW	2	3	4	5	5	6	6	6	6	6
	Sound	Sound Pressure Level (outlet)			48/47/43	50/49/46	52/50/44	52/51/46	54/52/49	53/52/47	56/54/50	58/55/52	58/54/50	59/57/55	
		Sound Pressure Level( Inlet + Radiated )			50/49/45	52/51/48	54/52/46	54/53/48	56/54/51	55/54/49	58/56/52	60/57/54	60/56/52	61/59/57	
		Sound Power Level (outlet)			57/56/52	59/58/55	61/59/53	61/60/55	63/61/58	62/61/56	65/63/59	67/64/61	67/63/59	68/66/64	
		Sound Power Level( Inlet + Radiated )			59/58/54	61/60/57	63/61/55	63/62/57	65/63/60	64/63/58	67/65/61	69/66/63	69/65/61	70/68/66	
Electrical	Fan Motor Power	H	W	53	63	83	96	102	150	180	224	363	380		
		M	43	52	58	68	84	128	147	190	286	310			
		L	26	31	35	49	62	84	94	113	170	190			
Hydraulic	Cooling Water Flow Rate	H	GPM	0.93	1.22	1.62	2	2.3	3.13	3.82	4.36	5.89	7.05		
		M	0.78	1.13	1.43	1.62	2.06	2.49	3.45	4.19	5.7	6.81			
		L	0.63	0.89	0.9	1.32	1.79	2.09	2.97	3.66	4.47	5.35			
	Cooling Pressure Drop	H	ft.wg	3.32	5.9	10.8	5.57	7.75	8	11.97	16.03	10.54	15.77		
		M	2.42	5.16	8.58	3.83	6.36	5.31	9.98	14.97	9.92	14.82			
		L	1.65	3.35	3.71	2.65	4.92	3.87	7.6	11.71	6.42	9.6			
	Heating Water Flow Rate	H	GPM	0.35	0.46	0.61	0.69	0.82	1.16	1.31	1.47	1.99	2.55		
		M	0.29	0.43	0.53	0.56	0.73	0.93	1.19	1.42	1.93	2.46			
		L	0.23	0.34	0.34	0.45	0.64	0.78	1.02	1.23	1.51	1.94			
	Heating Pressure Drop	H	ft.wg	0.67	1.27	2.29	3.24	0.68	1.7	2.26	2.97	0.46	0.78		
		M	0.48	1.11	1.82	2.21	0.55	1.13	1.88	2.79	0.44	0.73			
		L	0.33	0.73	0.79	1.51	0.43	0.83	1.42	2.16	0.28	0.47			
Chilled water content			US.gal	0.25	0.31	0.36	0.41	0.46	0.68	0.73	0.78	0.91	1.00		
Hot water content			0.06	0.08	0.09	0.10	0.12	0.17	0.18	0.20	0.23	0.25			
Construction and Packing Data	Water		Type	Socket (Threaded Female)											
	Connections	In	in	NPT3/4"											
		Out		Dia. 3/4"											
	Condensate Drainage Connection														
	Dimensions	L	inch	29 3/4	33 11/16	37 5/8	45 1/2	49 7/16	65 3/16	69 1/16	73	69 1/16	77		
		W		23 1/4"									26"		
H		9 13/16									11 13/16				
Net Weight			lbs	37	51	53	62	68	79	95	99	112	132		

Testing conditions: a. Cooling mode:  
 ~Return air temperature: 80F DB/  
 67F WB. ~Inlet/ outlet water  
 temperature: 45F/ 55F.  
 b. Heating mode:  
 ~Return air temperature: 70F.  
 ~ Inlet water temperature: 140F  
 ~ Water flow same to cooling mode

# Technical Data

## MFCHC



### MFCHC(4R+2)-P-AECM

Product range: MFCHC(4R+2)-P~AECM Hydronic Ducted 4-pipe Unit with 4-row Cooling and /2-row Heating Coils and EC motor

MFCHC(4R+2)-[Size]-P~AECM			200	300	400	500	600	800	1000	1200	1400	1600			
Unit Configuration	Configuration		4-pipe												
	Number Of Fan Blowers		Single	Twin			Three		Four	Three	Four				
	Power Supply (V/Ph/Hz)		115 / 1 / 60 or 220 / 1 / 60												
	Operation Control		~S: Complete controller with VAV&VWV control logic ~W: EC motor driver suitable for connection to AC or EC modulating thermostat												
Performance Data	Air	Air Flow	H	CFM	224	313	421	484	596	809	957	1094	1593	2124	
			M	CFM	173	284	352	360	511	591	837	1043	1524	2032	
			L	CFM	133	210	186	279	430	480	686	881	1116	1488	
		ESP	H	in.wg	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
			M	in.wg	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
			L	in.wg	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
	Cooling	Cooling Capacity	H	Btu/Hr	6682	8753	11666	14327	16621	22337	27801	31727	43040	51385	
			M	Btu/Hr	5459	8161	10195	11435	14792	17612	25223	30508	41577	49950	
			L	Btu/Hr	4433	6458	6198	9412	12983	14927	21551	26940	32954	39497	
		Sensible Cooling Capacity	H	Btu/Hr	4682	6136	8191	13232	11686	15691	19532	22282	30611	36618	
			M	Btu/Hr	3777	5678	7071	10400	10286	12161	17543	21329	29527	35509	
			L	Btu/Hr	3034	4442	4181	8481	8985	10250	14891	18658	22985	27623	
	Heating	Heating Capacity	H	Btu/Hr	10663	14561	19093	21888	26424	36726	42425	47988	66224	84651	
			M	Btu/Hr	8806	13520	16656	17339	23475	28831	38276	46243	63809	81693	
			L	Btu/Hr	7111	10637	10134	14200	20583	24413	32675	40703	50157	64694	
	Sound	Sound Pressure Level (outlet)	dB(A)	H	48/47/43	50/49/46	52/50/44	52/51/46	54/52/49	53/52/47	56/54/50	58/55/52	58/54/50	59/57/55	
				M	50/49/45	52/51/48	54/52/46	54/53/48	56/54/51	55/54/49	58/56/52	60/57/54	60/56/52	61/59/57	
				L	57/56/52	59/58/55	61/59/53	61/60/55	63/61/58	62/61/56	65/63/59	67/64/61	67/63/59	68/66/64	
				59/58/54	61/60/57	63/61/55	63/62/57	65/63/60	64/63/58	67/65/61	69/66/63	69/65/61	70/68/66		
	Electrical	Fan Motor Power	H	W	53	63	83	96	102	150	180	224	363	380	
M			W	43	52	58	68	84	128	147	190	286	310		
L			W	26	31	35	49	62	84	94	113	170	190		
Hydraulic	Cooling Water Flow Rate	H	GPM	0.9	1.2	1.6	1.9	2.2	3.0	3.7	4.2	5.73	6.85		
		M	GPM	0.7	1.1	1.4	1.5	2.0	2.4	3.4	4.1	5.54	6.66		
		L	GPM	0.6	0.9	0.8	1.3	1.7	2.0	2.9	3.6	4.39	5.26		
	Cooling Pressure Drop	H	ft.wg	2.45	4.36	7.99	4.11	5.8	5.84	9.07	12.15	10.04	14.97		
		M	ft.wg	1.7	3.84	6.27	2.74	4.7	3.8	7.61	11.32	9.44	14.23		
		L	ft.wg	1.17	2.52	2.56	1.93	3.72	2.83	5.74	9.05	6.21	9.32		
	Heating Water Flow Rate	H	GPM	0.5	0.7	1.0	1.1	1.3	1.8	2.1	2.4	3.3	4.22		
		M	GPM	0.4	0.7	0.8	0.9	1.2	1.4	1.9	2.3	3.18	4.07		
		L	GPM	0.4	0.5	0.5	0.7	1.0	1.2	1.6	2.0	2.5	3.22		
	Heating Pressure Drop	H	ft.wg	0.32	0.62	1.13	0.51	0.78	1.87	1.15	1.53	1.39	6.85		
		M	ft.wg	0.23	0.55	0.88	0.33	0.63	1.21	0.96	1.43	1.3	6.66		
		L	ft.wg	0.15	0.35	0.36	0.23	0.5	0.89	0.72	1.14	0.84	5.26		
Chilled water content		US.gal	0.25	0.31	0.36	0.41	0.46	0.68	0.73	0.78	0.91	1.00			
Hot water content		US.gal	0.13	0.15	0.18	0.21	0.23	0.34	0.36	0.39	0.45	0.50			
Construction and Packing Data	Water	Type	Socket (Threaded Female)												
	Connections	In	in	NPT3/4"											
		Out		NPT3/4"											
	Condensate Drainage Connection			Dia. 3/4"											
	Dimensions	L	inch	29 3/4	33 11/16	37 5/8	45 1/2	49 7/16	65 3/16	69 1/16	73	69 1/16	77		
		W		23 1/4"											
H		9 13/16"													
Net Weight		lbs	37	51	53	62	68	79	95	99	112	132			

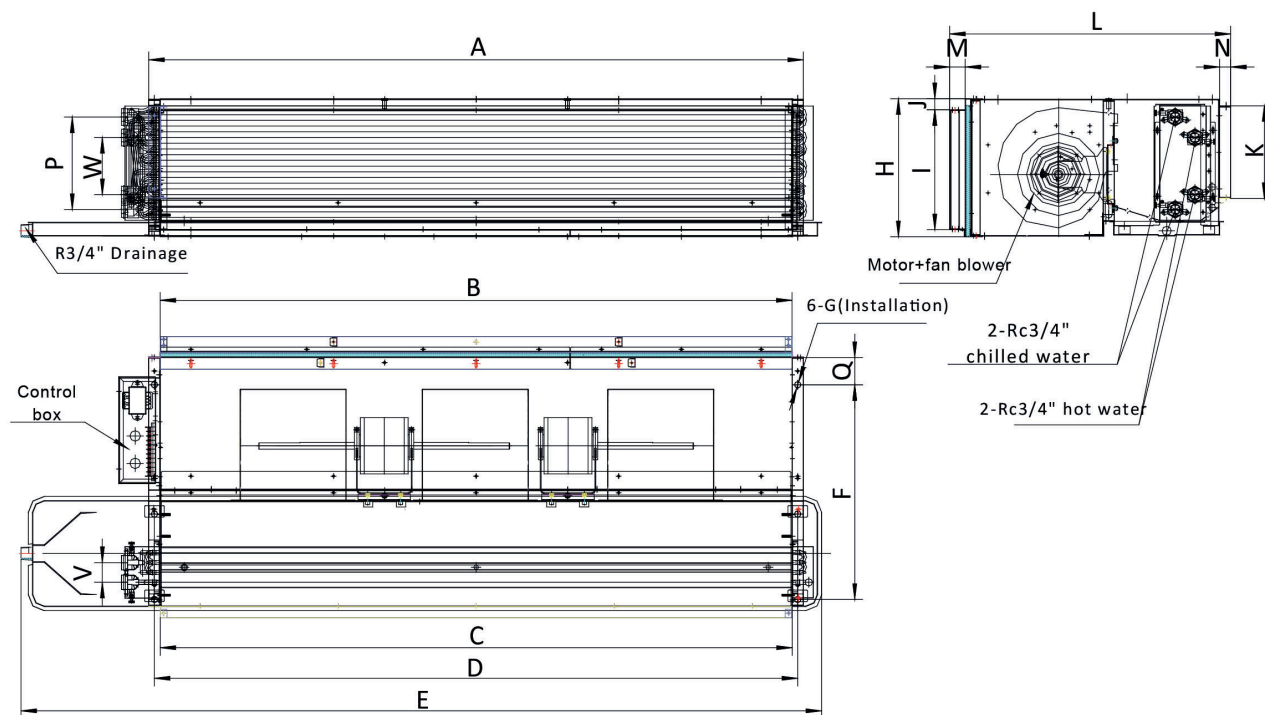
Testing conditions: a. Cooling mode: ~Return air temperature: 80F DB/ 67F WB. ~Inlet/ outlet water temperature: 45F/ 55F. b. Heating mode: ~ Return air temperature: 70F. ~ Inlet water temperature: 140F ~ Water flow same to cooling mode



# Technical Data

## Dimensional drawings

### MFCHC (3R) /MFCHC (4R)/MFCHC (3R+1)



Model	A	B	C	D	E	F	G	H	I
MFCHC-200	21 1/16"	19 1/8"	19 1/8"	20 1/16"	33 11/16"	15 3/4"	∅9/16	9 13/16"	8 3/8"
MFCHC-300	25"	23 1/16"	23 1/16"	24"	37 5/8"	15 3/4"	∅9/16	9 13/16"	8 3/8"
MFCHC-400	28 15/16"	26 15/16"	26 15/16"	27 15/16"	41 9/16"	15 3/4"	∅9/16	9 13/16"	8 3/8"
MFCHC-500	32 7/8"	30 7/8"	30 7/8"	31 7/8"	45 1/2"	15 3/4"	∅9/16	9 13/16"	8 3/8"
MFCHC-600	36 13/16"	34 13/16"	34 13/16"	35 13/16"	49 7/16"	15 3/4"	∅9/16	9 13/16"	8 3/8"
MFCHC-800	52 9/16"	50 9/16"	50 9/16"	51 9/16"	65 3/16"	15 3/4"	∅9/16	9 13/16"	8 3/8"
MFCHC-1000	56 1/2"	54 1/2"	54 1/2"	55 1/2"	69 1/8"	15 3/4"	∅9/16	9 13/16"	8 3/8"
MFCHC-1200	62"	60 1/16"	60 1/16"	61"	74 5/8"	15 3/4"	∅9/16	9 13/16"	8 3/8"
MFCHC-1400	56 1/2"	54 1/2"	54 1/2"	55 1/2"	69 1/8"	18 1/2"	∅9/16	11 13/16"	10 3/8"
MFCHC-1600	66 3/4"	64 3/4"	64 3/4"	65 3/4"	79 5/16"	18 1/2"	∅9/16	11 13/16"	10 3/8"

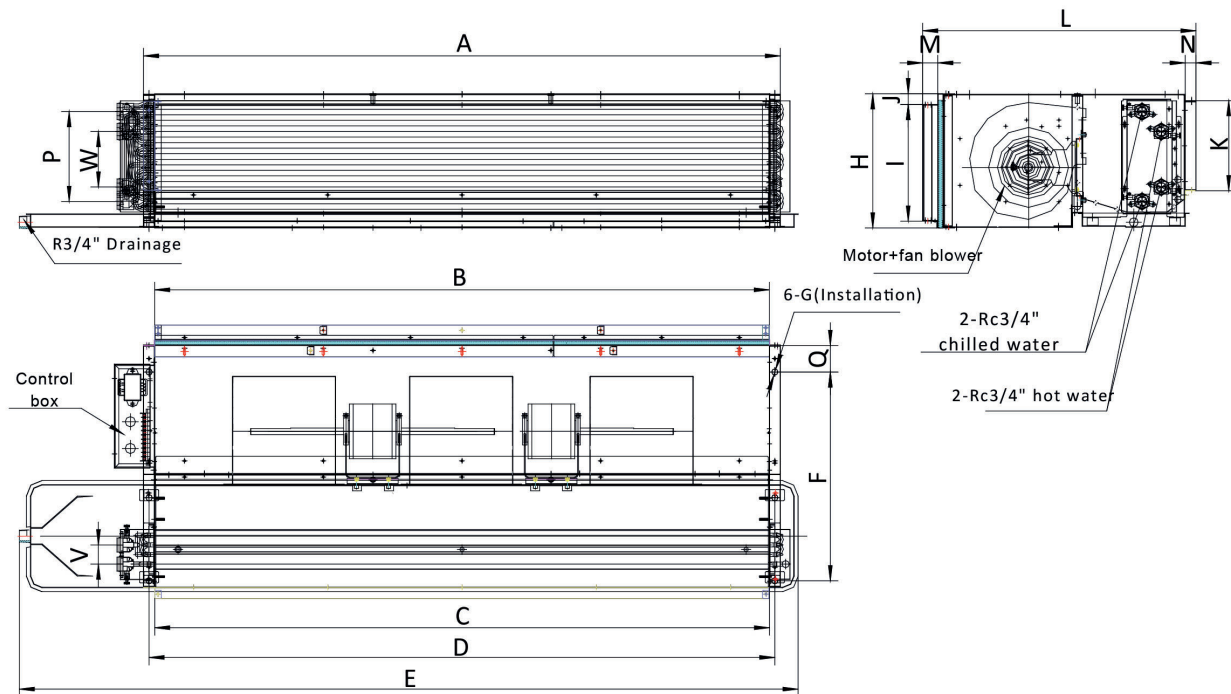
Model	J	K	L	M	N	P	Q	W
MFCHC-200	1	6	21 1/2"	1 3/8"	1	6	2 3/8"	2 15/16"
MFCHC-300	1	6	21 1/2"	1 3/8"	1	6	2 3/8"	2 15/16"
MFCHC-400	1	6	21 1/2"	1 3/8"	1	6	2 3/8"	2 15/16"
MFCHC-500	1	6	21 1/2"	1 3/8"	1	6	2 3/8"	2 15/16"
MFCHC-600	1	6	21 1/2"	1 3/8"	1	6	2 3/8"	2 15/16"
MFCHC-800	1	6	21 1/2"	1 3/8"	1	6	2 3/8"	2 15/16"
MFCHC-1000	1	6	21 1/2"	1 3/8"	1	6	2 3/8"	2 15/16"
MFCHC-1200	1	6	21 1/2"	1 3/8"	1	6	2 3/8"	2 15/16"
MFCHC-1400	1	8	24 1/4"	1 3/8"	1	7 15/16"	2 3/8"	4 15/16"
MFCHC-1600	1	8	24 1/4"	1 3/8"	1	7 15/16"	2 3/8"	4 15/16"

All dimensions are approximate and within 1/16 of an inch of those indicated.

# Technical Data

## Dimensional drawings

### MFCHC (6R) /MFCHC (4R+1)/MFCHC (3R+2)/MFCHC (4R+2)



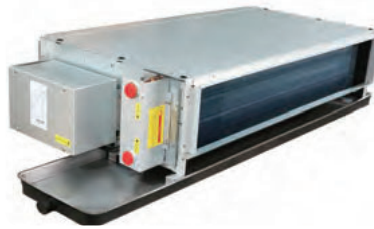
Model	A	B	C	D	E	F	G	H	I
MFCHC-200	21 1/16"	19 1/8"	19 1/8"	20 1/16"	33 11/16"	17 1/2"	Ø9/16	9 13/16"	8 3/8"
MFCHC-300	25"	23 1/16"	23 1/16"	24"	37 5/8"	17 1/2"	Ø9/16	9 13/16"	8 3/8"
MFCHC-400	28 15/16"	26 15/16"	26 15/16"	27 15/16"	41 9/16"	17 1/2"	Ø9/16	9 13/16"	8 3/8"
MFCHC-500	32 7/8"	30 7/8"	30 7/8"	31 7/8"	45 1/2"	17 1/2"	Ø9/16	9 13/16"	8 3/8"
MFCHC-600	36 13/16"	34 13/16"	34 13/16"	35 13/16"	49 7/16"	17 1/2"	Ø9/16	9 13/16"	8 3/8"
MFCHC-800	52 9/16"	50 9/16"	50 9/16"	51 9/16"	65 3/16"	17 1/2"	Ø9/16	9 13/16"	8 3/8"
MFCHC-1000	56 1/2"	54 1/2"	54 1/2"	55 1/2"	69 1/8"	17 1/2"	Ø9/16	9 13/16"	8 3/8"
MFCHC-1200	62"	60 1/16"	60 1/16"	61"	74 5/8"	17 1/2"	Ø9/16	9 13/16"	8 3/8"
MFCHC-1400	56 1/2"	54 1/2"	54 1/2"	55 1/2"	69 1/8"	20 1/4"	Ø9/16	11 13/16"	10 3/8"
MFCHC-1600	66 3/4"	64 3/4"	64 3/4"	65 3/4"	79 5/16"	20 1/4"	Ø9/16	11 13/16"	10 3/8"

Model	J	K	L	M	N	P	Q	W
MFCHC-200	1	6	23 1/4"	1 3/8"	1	6	2 3/8"	2 15/16"
MFCHC-300	1	6	23 1/4"	1 3/8"	1	6	2 3/8"	2 15/16"
MFCHC-400	1	6	23 1/4"	1 3/8"	1	6	2 3/8"	2 15/16"
MFCHC-500	1	6	23 1/4"	1 3/8"	1	6	2 3/8"	2 15/16"
MFCHC-600	1	6	23 1/4"	1 3/8"	1	6	2 3/8"	2 15/16"
MFCHC-800	1	6	23 1/4"	1 3/8"	1	6	2 3/8"	2 15/16"
MFCHC-1000	1	6	23 1/4"	1 3/8"	1	6	2 3/8"	2 15/16"
MFCHC-1200	1	6	23 1/4"	1 3/8"	1	6	2 3/8"	2 15/16"
MFCHC-1400	1	8	26"	1 3/8"	1	7 15/16"	2 3/8"	4 15/16"
MFCHC-1600	1	8	26"	1 3/8"	1	7 15/16"	2 3/8"	4 15/16"

All dimensions are approximate and within 1/16 of an inch of those indicated.

# Technical Data

## MFCHC



### Accessories (Optional Parts)

Accessories	Photo	Code	Description
1.Electric heater module		BCP18-EH-MFCHC-001	220V Electrical heater module maximum 2kw for MFCHC-200
		BCP18-EH-MFCHC-002	220V Electrical heater module maximum 3kw for MFCHC-300
		BCP18-EH-MFCHC-003	220V Electrical heater module maximum 4kw for MFCHC-400
		BCP18-EH-MFCHC-004	220V Electrical heater module maximum 5kw for MFCHC-500
		BCP18-EH-MFCHC-005	220V Electrical heater module maximum 5kw for MFCHC-600
		BCP18-EH-MFCHC-006	220V Electrical heater module maximum 6kw for MFCHC-800
		BCP18-EH-MFCHC-007	220V Electrical heater module maximum 6kw for MFCHC-1000
		BCP18-EH-MFCHC-008	220V Electrical heater module maximum 6kw for MFCHC-1200
		BCP18-EH-MFCHC-009	220V Electrical heater module maximum 6kw for MFCHC-1400
		BCP18-EH-MFCHC-010	220V Electrical heater module maximum 6kw for MFCHC-1600
		BCP18-EH-MFCHC-001B	115V Electrical heater module maximum 1kw for MFCHC-200
		BCP18-EH-MFCHC-002B	115V Electrical heater module maximum 2kw for MFCHC-300
		BCP18-EH-MFCHC-003B	115V Electrical heater module maximum 3kw for MFCHC-400
		BCP18-EH-MFCHC-004B	115V Electrical heater module maximum 3kw for MFCHC-500
		BCP18-EH-MFCHC-005B	115V Electrical heater module maximum 3kw for MFCHC-600
		BCP18-EH-MFCHC-006B	115V Electrical heater module maximum 4kw for MFCHC-800
		BCP18-EH-MFCHC-007B	115V Electrical heater module maximum 4kw for MFCHC-1000
		BCP18-EH-MFCHC-008B	115V Electrical heater module maximum 4kw for MFCHC-1200
		BCP18-EH-MFCHC-009B	115V Electrical heater module maximum 6kw for MFCHC-1400
		BCP18-EH-MFCHC-010B	115V Electrical heater module maximum 6kw for MFCHC-1600
2.G4 filter		BCP18-FILTER-MFCHC-G4-001	Merv 8 or G4 filter for for MFCHC-200
		BCP18-FILTER-MFCHC-G4-002	Merv 8 or G4 filter for for MFCHC-300
		BCP18-FILTER-MFCHC-G4-003	Merv 8 or G4 filter for for MFCHC-400
		BCP18-FILTER-MFCHC-G4-004	Merv 8 or G4 filter for for MFCHC-500
		BCP18-FILTER-MFCHC-G4-005	Merv 8 or G4 filter for for MFCHC-600
		BCP18-FILTER-MFCHC-G4-006	Merv 8 or G4 filter for for MFCHC-800
		BCP18-FILTER-MFCHC-G4-007	Merv 8 or G4 filter for for MFCHC-1000
		BCP18-FILTER-MFCHC-G4-008	Merv 8 or G4 filter for for MFCHC-1200
		BCP18-FILTER-MFCHC-G4-009	Merv 8 or G4 filter for for MFCHC-1400
		BCP18-FILTER-MFCHC-G4-010	Merv 8 or G4 filter for for MFCHC-1600
3.Drain pan		BCP-SSDP-MFCHC-001	Stainless steel drain-pan for MFCHC-200
		BCP-SSDP-MFCHC-002	Stainless steel drain-pan for MFCHC-300
		BCP-SSDP-MFCHC-003	Stainless steel drain-pan for MFCHC-400
		BCP-SSDP-MFCHC-004	Stainless steel drain-pan for MFCHC-500
		BCP-SSDP-MFCHC-005	Stainless steel drain-pan for MFCHC-600
		BCP-SSDP-MFCHC-006	Stainless steel drain-pan for MFCHC-800
		BCP-SSDP-MFCHC-007	Stainless steel drain-pan for MFCHC-1000
		BCP-SSDP-MFCHC-008	Stainless steel drain-pan for MFCHC-1200
		BCP-SSDP-MFCHC-009	Stainless steel drain-pan for MFCHC-1400
		BCP-SSDP-MFCHC-010	Stainless steel drain-pan for MFCHC-1600
4.Valve kit		BCP18-RCS-VALVE-MFCHC-001	115~240VAC 3/4" Motorized 2-way ball valve kit
		BCP18-RCS-VALVE-MFCHC-002	115~240VAC 3/4" Motorized 3-way ball valve kit
		BCP18-RCS-VALVE-MFCHC-001B	24VAC 3/4" Motorized 2-way ball valve kit
		BCP18-RCS-VALVE-MFCHC-002B	24VAC 3/4" Motorized 3-way ball valve kit
		BCP18-RCS-VALVE-MFCHC-003	24VAC 3/4" Modulating 2-way ball valve kit
		BCP18-RCS-VALVE-MFCHC-004	24VAC 3/4" Modulating 3-way ball valve kit
5.2-Row coil module		BCP-Coil(L2)-MFCHC-01	2-Row coil module for MFCHC-200
		BCP-Coil(L2)-MFCHC-02	2-Row coil module for MFCHC-300
		BCP-Coil(L2)-MFCHC-03	2-Row coil module for MFCHC-400
		BCP-Coil(L2)-MFCHC-04	2-Row coil module for MFCHC-500
		BCP-Coil(L2)-MFCHC-05	2-Row coil module for MFCHC-600
		BCP-Coil(L2)-MFCHC-06	2-Row coil module for MFCHC-800
		BCP-Coil(L2)-MFCHC-07	2-Row coil module for MFCHC-1000
		BCP-Coil(L2)-MFCHC-08	2-Row coil module for MFCHC-1200
		BCP-Coil(L2)-MFCHC-09	2-Row coil module for MFCHC-1400
		BCP-Coil(L2)-MFCHC-10	2-Row coil module for MFCHC-1600



**2480 Grand Avenue**

**Vista, CA 92081**

**Phone (760) 670-3005**

**Fax (760) 670-3307**

**[www.multimfg-usa.com](http://www.multimfg-usa.com)**