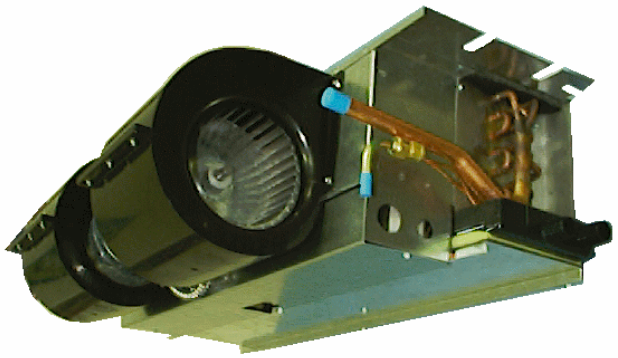
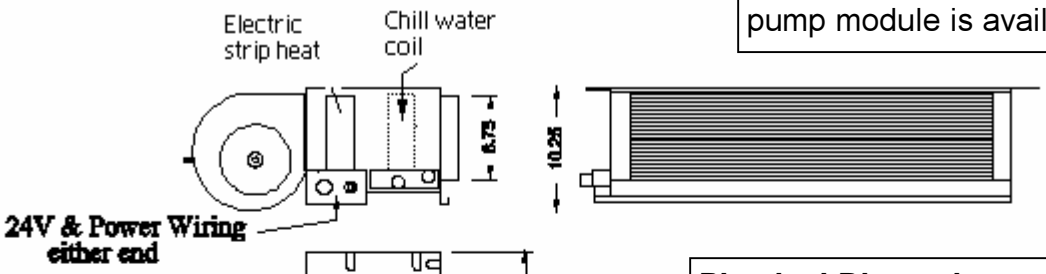
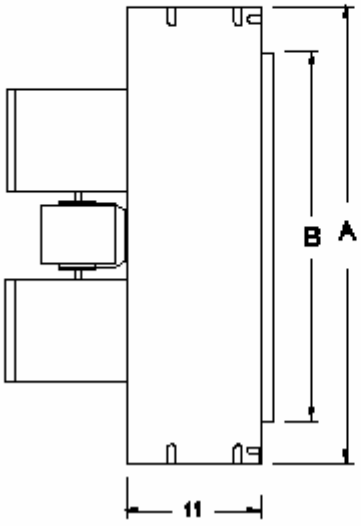
HFC Series
Chilled Water Cooling



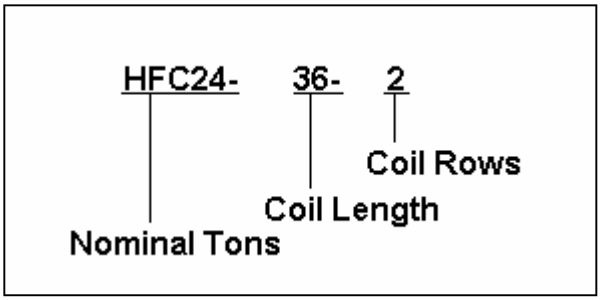
The HFC series is designed for fully concealed installation in a furred-down ceiling space. This is an open dual blower type fan coil unit requiring a sealed return air space. Models are available for chill water cooling only, or with electric heat strips. All models are 120v for chill water only or 230v for kw heat. Units feature a unique polymer blower housing that separates for easy service to the blower wheels or motor. The housing provides excellent acoustic properties for quiet operation. Coils are constructed of copper tubes with aluminum fins. Optional remote pump module is available.





Physical Dimensions

Model	A	B
HFC12, 18	37.25”	30.0”
HFC24	43.25”	36.0”
HFC30	49.25”	42.0”
HFC36	55.25”	48.0”



AllStyle Coil Co., L.P. 7037 Brittmore; Houston, Texas 77041 • 713 466 6333 • FAX 713 466 6363 • www.allstyle.com

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Model	Cooling Rows	CFM	Cool MBTUH based on 3 GPM Evap Temp		
			40 F	42 F	45 F
HFC 12/ 18	1	400	6.5	6.1	5.4
		600	7.2	6.8	6.0
	2	400	11.2	10.4	9.3
		600	12.6	11.8	10.5
	3	400	13.3	12.4	11.1
		600	15.2	14.2	12.7
	4	400	14.7	13.8	12.4
		600	16.9	15.9	14.3
HFC 24	1	600	8.2	7.6	6.8
		800	8.8	8.2	7.3
	2	600	13.9	13.0	11.5
		800	15.1	14.1	12.5
	3	600	16.5	15.5	13.9
		800	18.0	16.9	15.2
	4	600	18.3	17.1	15.4
		800	20.0	18.8	17.0
HFC 30	1	800	9.7	9.0	8.0
		1000	10.2	9.5	8.4
	2	800	16.3	15.2	13.6
		1000	17.3	16.2	14.5
	3	800	19.4	18.1	16.4
		1000	20.6	19.4	17.5
	4	800	21.4	20.1	18.1
		1000	22.8	21.5	19.6
HFC36	1	1000	11.1	10.3	9.2
		1200	11.5	10.7	9.5
	2	1000	18.5	17.4	15.5
		1200	19.4	18.2	16.3
	3	1000	21.9	20.6	18.6
		1200	23.0	21.7	19.8
	4	1000	24.1	22.7	20.6
		1200	25.4	24.0	22.0

Water coil connections located on side opposite the electrical connections.
Water connections are 3/4" OD sweat

Blower Performance

Model	Blower HP	Speed	External Static WC		
			.1"	.2"	.3"
HFC12	1/8	Low	580	510	440
		High	675	605	525
HFC18	1/4	Low	655	585	510
		High	800	740	665
HFC24	1/3	Low	800	720	640
		High	990	950	855
HFC30	1/3	Low	1125	1015	905
		High	1220	1130	1015
HFC36	1/2	Low	1240	1125	1015
		High	1335	1265	1145

Electrical Specifications @115 Volt

Model	HP	Amps	MCA	MOP
HFC12	1/8	1.65	2.1	15
HFC18	1/4	2.9	3.7	15
HFC24	1/3	3.3	4.2	15
HFC30	1/3	3.3	4.2	15
HFC36	1/2	5.7	7.2	15

Electrical Specifications @ 240 VAC

Model	Blower HP	Elec-tric Heat	Heat MBTUH	Total Amps	MCA	MOP
HFC12	1/8	0	0	1.65	2	10
		3	10.2	14.9	18.6	20
		5	16.4	22.4	28	30
		6	20.5	27.4	34.2	40
		8	27.3	35.7	44.7	50
		10	32.8	42.4	53.1	60
HFC18	1/4	0	0	2.9	3.6	10
		3	10.2	16.1	20.2	30
		5	16.4	23.6	29.6	30
		6	20.5	28.6	35.8	40
		8	27.3	37	46.2	50
		10	32.8	43.7	54.6	60
HFC 24/30	1/3	0	0	3.3	4.1	10
		3	10.2	16.5	20.7	30
		5	16.4	24	30.1	40
		6	20.5	29.5	36.3	40
		8	27.3	37.4	46.7	50
		10	32.8	44.1	55.1	60
HFC36	1/2	0	0	5.7	7.1	10
		3	10.2	18.9	23.7	30
		5	16.4	26.4	33.1	40
		6	20.5	31.4	39.3	40
		8	27.3	39.8	49.7	50
		10	32.8	46.5	58.1	60

All Rating information based on 240V 60Hz operation for electric heat

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