HH/PHH Series Horizontal Fan Coil Chilled Water - Hot Water / Electric Heat 300 - 1400 CFM, 2 - 12 KW

First Co.

21 U.I. LISTED

Description :

The **HH** series fan coil is a completely factory assembled chilled water fan coil with factory installed electric heat. It is designed for minimum installation cost and optimum serviceability. The space - saving **HH** is only 10" high (without R/A plenum) and is engineered to provide easy access for service and maintenance of the entire assembly. All standard models include 240V 2-speed motor, electric heat and controls, 24/240V relay / transformer, insulated drain pan, and copper tube coil. All models are dual rated for 208/240V.





PLENUM DATA	PLENUM DATA											
MODEL	А	В	С	D (FILTER)								
3PHHS	20	18	15	10 X 20 X 1								
4PHHS, 6PHHS 6PHH, 8PHH	34	32	30	10 X 34 X1								
10PHH	40	38	36	10 X 40 X 1								
12PHH	46	44	42	10 X 46 X 1								

NOTE: 1. Return plenums are insulated

2. All plenums include throw away filter





ELECTRICAL DATA (240V)											
UNIT M	ODEL	NOM.	н	EAT	TOTAL AMPS	MIN. AMP	CIR. ACITY	(2) FU	MAX ISE		
			kW	BTUH	(2)	208V	230V	208V	230V		
зннs	-2 -3 -4 -5	300	2 3 4 5	6,820 10,230 13,640 17,050	9.3 13.5 17.6 21.8	11 15 20 24	12 17 23 28	15 15 20 25	15 20 25 30		
4HHS	-3 -5 -6	400	3 5 6	10,230 17,050 20,460	13.3 21.6 25.8	15 24 28	17 27 33	15 25 30	20 30 35		
6HHS	-3 -5 -6 -8	600	3 5 6 8	10,230 17,050 20,460 27,280	14.1 22.4 26.6 34.9	16 23 30 39	18 28 34 44	20 25 30 40	20 30 35 45		
6НН	-3 -4 -5 -6 -8 -10	600	3 4 5 6 8 10	10,200 13,640 17,000 20,500 27,300 34,100	14.5 18.6 22.8 27.0 35.3 43.6	16 24 25 30 39 48	20 21 30 35 47 55	20 25 25 30 40 50	20 25 30 35 50 60		
8HH	-3 -4 -5 -6 -8 -10	800	3 4 5 6 8 10	10,200 13,640 17,000 20,500 27,300 34,100	14.5 18.6 22.8 27.0 35.3 43.6	16 24 25 29 39 48	20 21 30 35 47 55	20 25 25 30 40 50	20 25 30 35 50 60		
10HH	-3 -4 -5 -6 -8 -10	1000	3 4 5 6 8 10	10,200 13,640 17,000 20,500 27,300 34,100	14.5 18.6 22.8 27.0 35.3 43.6	16 24 25 29 39 48	20 21 30 35 47 55	20 25 25 30 40 50	20 25 30 35 50 60		
12HH	-3 -5 -6 -8 -10	1200	3 5 6 8 10	10,200 17,000 20,500 27,300 34,100	15.3 23.6 27.8 36.1 44.5	18 27 31 40 49	20 30 35 46 56	20 30 35 40 50	20 30 35 50 60		

⁽¹⁾ Heating ratings at 240 volt, derate 25% for 208 volt application

(2) Includes motor and heaters (at 240V)

ELECTI	ELECTRICAL DATA (277V)											
UNIT	MODEL	NOM.	HEAT kW	MOTOR	MOTOR	TOTAL AMPS	MIN. CIR. AMPACITY	(2) MAX FUSE				
		CFM	@ 277V	HP	AMPS	@ 277V (1)	@ 277V	@ 277V				
3HHS	-1-277 -2-277 -3-277	300	1 2 3	1/20	.50	4.1 7.7 11.3	6 10 15	15 15 15				
4HHS	-1-277 -2-277 -3-277 -4-277	400	1 2 3 4	1/15	.52	4.1 7.7 11.4 15.0	6 10 15 19	15 15 15 20				
6HHS	-1-277 -2-277 -3-277 -4-277	600	1 2 3 4	1/15	.52	4.1 7.7 11.4 15.0	6 10 15 19	15 15 15 20				
6НН	-1-277 -2-277 -3-277 -4-277 -5-277 -6-277	600	1 2 3 4 5 6	1/12	.60	4.2 7.8 11.4 15.0 18.7 22.3	5 10 15 19 24 28	15 15 15 20 30 30				
8НН	-1-277 -2-277 -3-277 -4-277 -5-277 -6-277 -8-277	800	1 2 3 4 5 6 8	1/6	.80	4.4 8.0 11.6 15.2 18.9 22.5 29.7	6 10 15 19 24 28 38	15 15 20 30 30 40				
10HH	-2-277 -3-277 -4-277 -5-277 -6-277 -8-277 -10-277	1000	2 3 4 5 6 8 10	1/4	1.3	8.5 12.1 15.8 19.4 23.0 30.2 37.4	11 16 20 25 29 38 47	15 20 20 30 30 40 50				
12HH	-2-277 -3-277 -4-277 -5-277 -6-277 -8-277 -10-277	1200	2 3 4 5 6 8 10	1/3	2.0	9.2 12.8 16.5 20.0 23.7 30.9 38.1	12 16 21 25 30 39 48	15 20 25 30 30 40 50				

In keeping with its policy of continuous progress and product improvement, First Co. reserves the right to make changes without notice. Maintenance for all First Co. products is available under "Product Maintenance" at www.firstco.com.

(1) Includes motor and heaters

COOLING / HEATING CAPACITIES												
MODEL	COIL ROWS	NOM. CFM	GPM	P.D. (FT. WTR)	TOTAL (2) COOLING	SENSIBLE COOLING	WATER (3) HEATING CAPACITY					
2000	3	270	1.0 2.0 3.0	1.4 5.0 10.5	6.1 8.1 8.9	5.1 5.9 6.2	18.9 21.0 21.8					
3003	4	215	1.0 2.0 3.0	1.8 6.3 13.1	6.7 8.4 9.0	5.1 5.7 6.0	18.8 20.5 21.1					
4000	3	410	1.5 2.0 2.5	4.2 7.0 10.5	11.1 12.5 13.5	8.6 9.2 9.5	32.2 33.6 34.5					
4885	4	390	1.5 2.0 2.5	5.8 9.7 14.5	12.5 14.1 15.1	9.3 9.9 10.3	34.9 36.4 37.4					
c11110	3	535	3.0 4.0 5.0	5.7 9.5 14.2	15.3 16.6 17.5	11.3 11.8 12.1	41.1 42.4 43.3					
0005	4	490	3.0 4.0 5.0	3.9 6.5 9.7	16.5 18.0 18.9	11.9 12.5 12.8	43.5 45.0 46.0					
	3	600	3.0 4.0 5.0	5.7 9.5 14.2	16.3 17.7 18.7	12.3 12.8 13.1	44.2 45.7 46.7					
бпп	4	600	3.0 4.0 5.0	3.9 6.5 9.7	18.2 20.1 21.3	13.7 14.4 14.8	50.1 52.0 53.2					
	3	800	4.0 5.0 6.0	5.4 8.0 11.0	19.6 21.1 22.1	15.0 15.6 15.9	54.2 55.8 56.9					
внн	4	800	4.0 5.0 6.0	6.5 9.6 13.3	23.2 24.9 26.2	17.4 18.0 18.5	63.4 65.3 66.5					
401111	3	1000	4.0 5.0 6.0	5.5 8.4 11.7	22.9 24.9 26.3	18.1 18.8 19.3	65.5 67.7 69.2					
TOHH	4	1000	4.0 5.0 6.0	4.3 6.5 9.1	28.6 30.3 31.6	21.5 22.1 22.6	78.3 80.2 81.6					
12111	3	1200	6.0 7.0 8.0	7.9 10.5 13.3	28.6 30.0 31.2	22.0 22.5 23.0	79.4 81.0 82.3					
1200	4	1200	6.0 7.0 8.0	10.0 13.1 16.5	33.9 35.6 37.0	25.6 26.2 26.8	93.2 95.1 96.6					

(1) Cooling at 80DB/67WB, 45°F EWT.
(2) Heating at 70DB/180°F EWT.

AIR STANDARD APPROVED RATINGS												
MODEL	COIL	CFM	GPM	P.D.	COO (1000	LING BTUH)	POWER INPUT	TYPE				
				(FI. WIN.)	ТН	SH	(WATTS)	moron				
3HHS(*)-240-3		310	1.5	3.3	7.5	4.9	130	SP				
4HHS(*)-240-3		410	2.6	12.0	12.9	8.9	90	SP				
6HHS(*)-240-3		590	3.1	7.0	15.4	10.5	145	SP				
6HH(*)-240-3	3 ROW	790	4.0	10.5	19.8	14.2	290	SP				
8HH(*)-240-3		950	4.2	6.5	21.2	16.3	320	PSC				
10HH(*)-240-3		1170	5.2	10.0	26.2	20.2	398	PSC				
12HH(*)-240-3		1460	6.4	9.2	32.1	24.9	490	PSC				
3HHS(*)-240-4		275	1.7	5.0	8.5	5.1	120	SP				
4HHS(*)-240-4		400	3.2	24.0	15.8	9.8	88	SP				
6HHS(*)-240-4		550	3.3	6.0	16.5	11.0	140	SP				
6HH(*)-240-4	4 ROW	770	4.5	9.0	22.5	15.5	280	SP				
8HH(*)-240-4		920	5.0	10.0	24.9	17.5	310	PSC				
10HH(*)-240-4		1160	6.2	10.5	30.9	22.1	390	PSC				
12HH(*)-240-4		1440	8.4	18.4	42.2	30.7	485	PSC				

NOTE:

Ratings based on high fan speed, standard air at dry coil operation, 10 °F water temp. rise, ent. air 80DB, 67WB entering water at 45°F.

Rated in accordance with ARI Standard 440.

SH - sensible heat

- TH total heat
- SP shaded pole

PSC - perm. split capacitor

Power input is for motor only

BLOWER PERFORMANCE

HH - 240 Volt (3 - ROW COIL)

HH SERIES		CFM vs EXTERNAL STATIC PRESSURE (3 ROW)										
MODEL	цъ	FAN	E	XTERN	AL STA	TIC PRE	SSURE	(inches	of wate	er)		
MODEL	п.е.	SPEED	0.0	0.05	0.10	0.15	0.20	0.25	0.30	0.35		
3HHS-3	1/30	COOL HEAT	300 265	270 240	235 210	205 200						
4HHS-3	1/50	COOL HEAT	425 395	410 360	380 320	330 285						
6HHS-3	1/12	COOL HEAT	605 500	535 390	485 320	425 270						
6HH-3	1/8	COOL HEAT			805 700	770 970	735 640	700 610	665 580	625 550		
8HH-3	1/4	COOL HEAT			895 775	860 750	825 720	795 690	760 655	725 625		
10HH-3	1/4	COOL HEAT			1110 715	1075 695	1040 670	1000 645	955 620	915 600		
12HH-3	1/3	COOL HEAT			1395 950	1345 920	1295 890	1245 855	1195 820	1145 775		

HH - 240 Volt (4 - ROW COIL)

HH SERIES		CF	M vs E	KTERN/			SSURE	(4 ROW	/)	
MODEL	ЦБ	FAN	E	XTERN	AL STA	TIC PRE	SSURE	(inches	s of wate	er)
MODEL	п.е.	SPEED	0.0	0.05	0.10	0.15	0.20	0.25	0.30	0.35
3HHS-4	1/30	COOL HEAT	255 230	215 200	200 175	175 150				
4HHS-4	1/50	COOL HEAT	410 325	390 320	335 290	265 235				
6HHS-4	1/12	COOL HEAT	535 350	490 335	435 320	365 290				
6HH-4	1/8	COOL HEAT			740 650	705 625	675 600	640 570	605 535	565 495
8HH-4	1/4	COOL HEAT			810 730	780 700	750 670	715 640	680 610	645 580
10HH-4	1/4	COOL HEAT			1070 775	1030 750	995 725	960 700	930 670	895 640
12HH-4	1/3	COOL HEAT			1270 950	1215 915	1165 880	1115 850	1070 820	1025 790

BLOWER PERFORMANCE

PHH - 240 Volt (3 - ROW COIL)

PHH SERIES		CF	M vs E)	KTERN		TIC PRE	SSURE	(3 ROW	/)	
MODEL	ЦВ	FAN	E	XTERN	AL STA	TIC PRE	SSURE	(inches	s of wate	er)
MODEL	п.ғ.	SPEED	0.0	0.05	0.10	0.15	0.20	0.25	0.30	0.35
3PHHS-3	1/30	COOL HEAT	270 250	255 215	215 185	180 160				
4PHHS-3	1/50	COOL HEAT	430 340	395 320	350 295	295 255				
6PHHS-3	1/12	COOL HEAT	570 290	490 285	415 270	335 240				
6PHH-3	1/8	COOL HEAT			710 625	660 575	615 535	570 495	530 460	485 415
8PHH-3	1/4	COOL HEAT			860 555	830 540	800 525	770 505	740 490	710 470
10PHH-3	1/4	COOL HEAT			1050 760	1010 735	965 710	920 675	875 640	825 600
12PHH-3	1/3	COOL HEAT			1240 910	1205 870	1165 835	1115 805	1065 765	1005 720

PHH - 240 Volt (4 - ROW COIL)

PHH SERIES		CFI	/I vs EX	TERNA			SSURE	(4 ROW)	
MODEL	цъ	FAN	Eک	TERNA		FIC PRE	SSURE	(inches	of wate	r)
MODEL	п.е.	SPEED	0.0	0.05	0.10	0.15	0.20	0.25	0.30	0.35
3PHHS-4	1/30	COOL HEAT	225 210	195 175	165 145					
4PHHS-4	1/50	COOL HEAT	420 330	375 305	315 265					
6PHHS-4	1/12	COOL HEAT	500 325	450 320	395 300					
6PHH-4	1/8	COOL HEAT			680 645	645 565	610 485	570 430	530 395	490 360
8PHH-4	1/4	COOL HEAT			740 650	690 610	645 570	605 530	560 490	515 445
10PHH-4	1/4	COOL HEAT			990 750	950 725	915 700	875 675	840 650	800 620
12PHH-4	1/3	COOL HEAT			1200 900	1150 870	1110 840	1065 800	1020 760	975 710

BLOWER PERFORMANCE

HH - 277 Volt (3 - ROW COIL)

HH SERIES		CFM vs EXTERNAL STATIC PRESSURE (3 ROW)										
MODEL	цъ	FAN	E	XTERN/	AL STA	TIC PRE	SSURE	(inches	of wate	er)		
WODEL		SPEED	0.0	0.05	0.10	0.15	0.20	0.25	0.30	0.35		
3HHS-3	1/20	COOL HEAT	295 250	260 215	230 185	195 150						
4HHS-3	1/15	COOL HEAT	460 400	420 365	375 325	320 260						
6HHS-3	1/15	COOL HEAT	550 445	480 395	415 335	345 265						
6HH-3	1/12	COOL HEAT			630 525	600 495	570 465	540 440	510 			
8HH-3	1/6	COOL HEAT			795 705	760 675	730 645	695 615	660 580	620 540		
10HH-3	1/4	COOL HEAT			1045 875	1005 830	960 790	920 750	880 710	840 670		
12HH-3	1/3	COOL HEAT			1410 1230	1370 1200	1330 1165	1290 1130	1245 1090	1195 1040		

HH - 277 Volt (4 - ROW COIL)

HH SERIES		CF	M vs EX	(TERN/	L STAT		SSURE	(4 ROW	/)	
MODEL	ЦБ	FAN	E	XTERN	AL STA	TIC PRE	SSURE	(inches	s of wate	er)
MODEL	п.Р.	SPEED	0.0	0.05	0.10	0.15	0.20	0.25	0.30	0.35
3HHS-4	1/20	COOL HEAT	260 225	230 195	200 170	175 145				
4HHS-4	1/15	COOL HEAT	435 385	380 335	325 290	255 225				
6HHS-4	1/15	COOL HEAT	510 440	430 380	365 310	290 215				
6HH-4	1/128	COOL HEAT			600 505	570 475	540 450	510 420	470 385	435 350
8HH-4	1/6	COOL HEAT			755 665	720 635	685 605	650 570	615 535	570 500
10HH-4	1/4	COOL HEAT			985 860	975 820	910 785	875 750	845 720	810 685
12HH-4	1/3	COOL HEAT			1300 1160	1255 1120	1210 1085	1165 1045	1125 1005	1075 960

BLOWER PERFORMANCE PHH - 277 Volt (3 - ROW COIL)

PHH SERIES		CFM vs EXTERNAL STATIC PRESSURE (3 ROW)										
MODEL	ЦБ	FAN	E	XTERN	AL STA	TIC PRE	SSURE	(inches	s of wate	er)		
MODEL	п.е.	SPEED	0.0	0.05	0.10	0.15	0.20	0.25	0.30	0.35		
3PHHS-3	1/20	COOL HEAT	265 230	235 195	205 165	170 135						
4PHHS-3	1/15	COOL HEAT	440 380	390 345	340 310	270 240						
6PHHS-3	1/15	COOL HEAT	525 425	445 370	375 305	300 225						
6PHH-3	1/12	COOL HEAT			565 445	515 400	470 360	420 	375 			
8PHH-3	1/6	COOL HEAT			745 660	715 630	690 600	665 570	650 535	635 495		
10PHH-3	1/4	COOL HEAT			990 870	950 830	910 795	870 765	830 730	795 700		
12PHH-3	1/3	COOL HEAT			1305 1180	1260 1140	1220 1105	1185 1070	1145 1030	1100 990		

PHH - 277 Volt (4 - ROW COIL)

PHH SERIES	CFM vs EXTERNAL STATIC PRESSURE (3 ROW)									
MODEL	H.P.	FAN	EXTERNAL STATIC PRESSURE (inches of water)							
		SPEED	0.0	0.05	0.10	0.15	0.20	0.25	0.30	0.35
3PHHS-4	1/20	COOL HEAT	240 205	215 180	180 150	160 125				
4PHHS-4	1/15	COOL HEAT	415 375	360 320	305 265	235 200				
6PHHS-4	1/15	COOL HEAT	485 420	410 345	330 280	250 210				
6PHH-4	1/12	COOL HEAT			560 480	525 445	490 415	455 380	415 350	370
8PHH-4	1/6	COOL HEAT			660 585	610 535	565 490	520 445	470 395	415 350
10PHH-4	1/4	COOL HEAT			925 820	890 790	860 765	830 740	795 710	765 680
12PHH-4	1/3	COOL HEAT			1190 1070	1145 1030	1106 995	1065 960	1030 920	995 885

"Twilight Electric" Fan Coil Installations (Supplemental Seasonal Electric Heat)

Developers in many parts of the country are giving a great deal of attention to the "twilight electric" fan coil system for heating and cooling. The interest in this system is a result of being able to offer individual unit control which provides the room comfort of a four-pipe fan coil system yet maintains most of the economic advantages of a two-pipe installation. Often mortgage money has a restriction of individual unit control as a condition of the mortgage and the twilight electric system provides one way to satisfy this requirement without greatly increasing either installation or operating costs as compared to the familiar two-pipe system.

The twilight electric system is a two-pipe fan coil unit with a small kilowatt electric resistance heater element added. When properly furnished with adequate controls, the electric heating element provides limited heating capability for use in mild weather during seasonal changeover of the centralchiller-boiler system. During the winter season, with the central boiler operational, the system functions as a standard two-pipe system utilizing hot water as the heating source. Because the electric heat is only intended to provide a limited amount of heat during mild weather, the size of the heater is relatively small, usually selected to provide adequate heat with about a 50 degree outdoor temperature.

The operational advantage of a twilight system is obvious when the requirements of the heating-cooling system during the Spring and Fall seasons are considered. During the morning hours heating may be required in some or all of the separate units while the afternoon hours may require cooling. Once again the evening hours may again require heating. The normal two-pipe system simply cannot cope with rapid changes in demand from heating to cooling. With the addition of electric heat, the central system is simply operated in its cooling mode and all demands for heat are satisfied with the electric heaters. Should an extended period of cold weather develop, the central system is then changed over to its heating mode and hot water is again used to provide the necessary heat. This changeover can be achieved with automatic controls on the central equipment.

The included diagram illustrates the typical control arrangement. Both aquastats are strapped to the water supply piping and the 3-way motorized valve is also located in the supply line.



The system functions as follows:

- I. <u>Central system in cooling mode</u>. Chilled water available to the fan coil units.
 - **A.Thermostat calls for cooling** The (Y) terminal at the thermostat is energized and voltage is applied to the motorized valve by aquastat No. 2 which is in the cold position. The valve opens and allows a flow of water through the unit coil. At the same time the (G) terminal at the thermostat is energized which causes the fan relay to start the fan motor. When the thermostat is satisfied both the fan motor and motorized valve cycle off.
 - **B.Thermostat calls for heating** The (W) terminal of the thermostat is energized and voltage is applied to aquastat No. 1. Since the aquastat senses the cold water, its contact is closed in the cold position and voltage is fed to the (W) connection at the control box which causes the electric heat contactor to close energizing the electric heaters. At this time the (G) connection is also energized bringing the fan on. The factory wired box is wired to provide fan operation any time the electric heaters are energized. This interlock is necessary during the cycling operation of the silent contactors.
- **II.** <u>Central system in heating mode</u>. Hot water available to the fan coil units.
 - A.Thermostat calls for heat The (W) terminal at the thermostat is energized and voltage is applied to aquastat No. 1. Since the aquastat senses the hot water, its contact is closed to the hot position and voltage is fed to the motorized valve which opens and allows a flow of water through the unit coil. At the same time the (G) terminal of the thermostat is energized which causes the fan relay to start the fan motor. When the thermostat is satisfied both the fan motor and motorized valve cycle off.
 - **B.Thermostat calls for cooling** Should the thermostat call for cooling while hot water is in the system the (Y) terminal of the thermostat is energized but aquastat No. 2 is in the hot position and no power can get through to the motorized valve. Since the (G) terminal at the thermostat is also energized the fan motor will run but this is the only response.



	VALVE CLUSTERS AND INDIVIDUAL COMPONENTS: (field installed (1)) Assembled Valve Clusters: (factory-assembled and field installed) Components are factory piped together (order power heads separately). Contact factory for other valve clusters						
	Right Hand	Left Hand	Description (all 1/2") - For all HH / PHH				
2 pipe	9VHR2BV 9VHR22B 9VHR23B	9VHL2BV 9VHL22B 9VHL23B	2-pipe, 2 hand valves only 2-pipe, one 2-way valve body and 2 hand valves 2-pipe, one 3-way valve body and 2 hand valves				
4 pipe	9VHR4BV 9VHR42B 9VHR43B	9VHL4BV 9VHL42B 9VHL43B	4-pipe, 2 hand valves only 4-pipe, one 2-way valve body and 2 hand valves 4-pipe, one 3-way valve body and 2 hand valves				
	Power Heads: (two power heads required for 4-pipe) - For all units						
	E50131180 E50132180 E50137180 E50138180		24V 110V/50Hz - 120V/60Hz 277V 220V/50Hz - 230V/60Hz				
	Separate Valve Bodies: (order power heads separately)						
	E421213 E431213		1/2" 2-way - For HH/PHH 1/2" 3-way - For HH/PHH				
	Hand Valves: (Combination balance / shut-off) (2 usually required per coil))						
	CP9		1/2"				
	Circuit Setters and Strainers						
	CP601 CP603		1/2" Circuit Setter (Taco) 1/2" Strainer (Kitz)				

(1) Contact factory for information concerning factory mounting.



MOUNTED 2 WAY VALVE CLUSTER (RIGHT HAND SHOWN)



MOUNTED 3 WAY VALVE CLUSTER (RIGHT HAND SHOWN)



Guide Specifications

Furnish and install fan coil units as indicated on the plans.

Units shall be certified to deliver published capacities when tested in accordance with latest ARI Standard 440.

Units shall be complete with water coil, one or more centrifugal fans, condensate drain pan, electric heat with controls, and galvanized steel casing.

Coils shall be (3-row) (4-row) (4-row split) (5-row split) with staggered 3/8 in. O.D. copper tubes mechanically bonded to aluminum fins with 5/8 in. O.D. copper tube connections. All coils shall be factory leak tested at 400 psig minimum air pressure. Coils shall have manual air vents.

Motors shall be 2 or 3-speed permanent split capacitor type with built-in overload protection and sleeve bearings with oil tubes. Voltage is 230V/60Hz.

Drain pan shall be insulated with expanding foam, fire retardant insulation to prevent sweating. Primary drain connection shall be 3/4 in. MPT. Pan shall be furnished with 7/8 in. O.D. copper secondary overflow drain connection. All drain pans are <u>sloped</u> toward the drain connections to facilitate condensate removal.

Exposed units and panels shall have a baked on off-white finish.

PART MANUFACTURER VOLTS DESCRIPTION NO SINGLE SPEED ---T334 24 WALL STAT T4071 120/24 AQUASTAT ---919-1 ---EXTENDED DRIP LIP ---**CP34** ----RUBBER GROMMETS ----

Thermostats and Accessories (all field installed)



Ceiling Access Panels

PART NO	FRAME DIMENSIONS	ТҮРЕ	FOR FIRST CO. FAN COIL MODELS		
965 965-1	27-1/2 X 43	LOUVERED SOLID	3-8HH/PHH		
966 966-1	27-1/2 X 49	LOUVERED SOLID	10HH/PHH		
967 967-1	27-1/2 X 55-1/2	LOUVERED SOLID	12HH/PHH		

NOTES: 1. Panels are surface mount and coated with white baked on epoxy paint.

- 2. Filter clips are provided on louvered models (no filter).
- 3. Panel doors are hinged and include special "Captive" type screws.



⁹⁶⁵⁻¹ (Solid panel shown)

Catalog No. HH212 (Replaces HH411)