



Product Catalog

HFCF

Horizontal Concealed Chilled Water Fan Coil Unit

Airflow: 200~1400 CFM



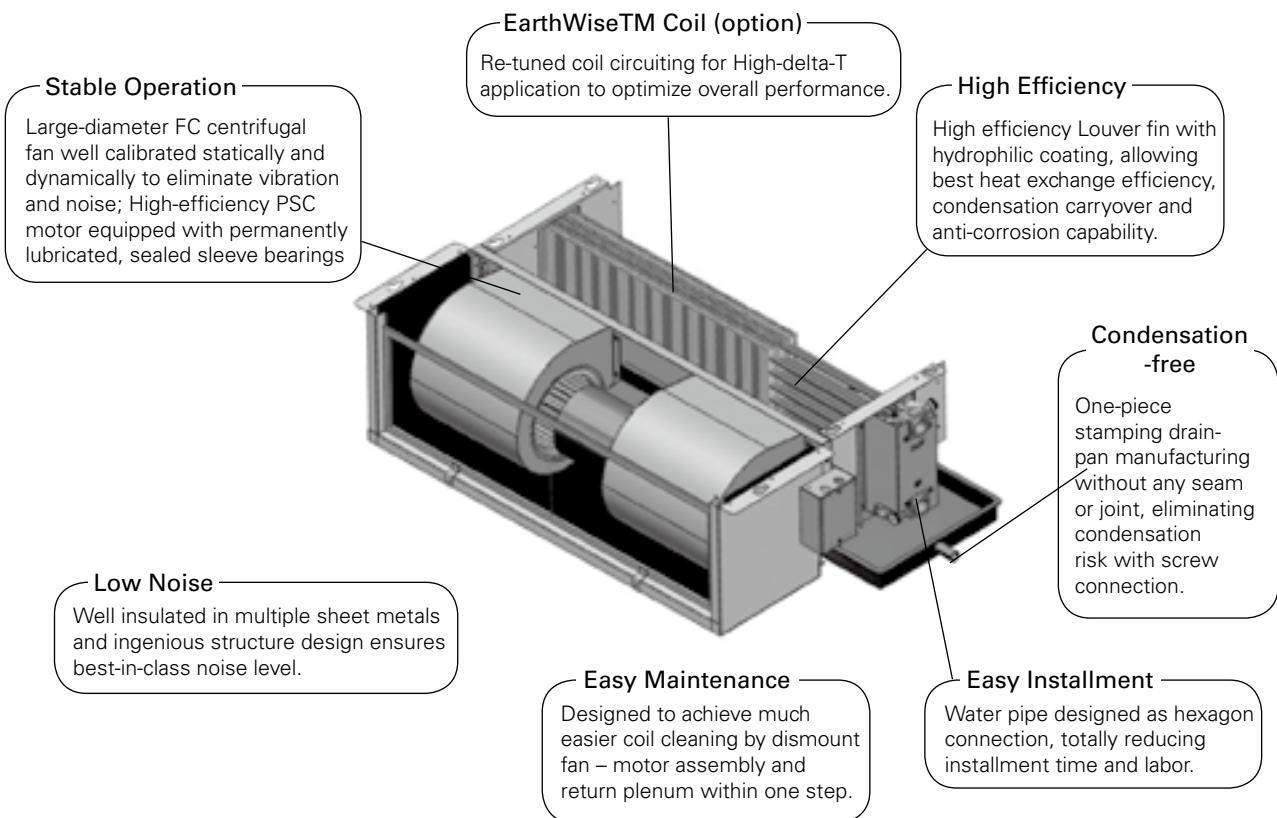
Features and Benefits

Overview

HFCF is another leap over the leading HFCF, working everywhere around the world. HFCF meets the standards of today's market, as well as the anticipated needs of tomorrow's market. The tradition that company founder Reuben Trane began in the 1930s continues with the latest generation of fan-coils from The Trane Company.

The best design we are offering by HFCF:

- Louver fin to drive higher heat transfer efficiency
- Larger diameter fan to further improve noise level
- 30Pa ESP (External Static Pressure) motor to provide more precise match
- Dedicated EarthWise™ (large delta T application) coil option
- Full AQP in design and production process to ensure quality delivery
- Many newly patented designs to deliver unique comfort



Model Number Descriptions

H F C F 0 2 L 3 0 1 1 0 0 0 A 0 2 A
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Digits 1-4	Unit Type H Horizontal F Fan Coil Unit C Concealed F Platform Version	Digit 13	Control 0 No Control A LCD Thermostat (TM50) B LCD Thermostat (TM56, group control type)
Digits 5-6	Size--Nominal CFM 02 200 CFM 03 300 CFM 04 400 CFM 05 500 CFM 06 600 CFM 08 800 CFM 10 1000 CFM 12 1200 CFM 14 1400 CFM	Digit 14	Plenum Filter 0 None A Rear Return Air Plenum B Rear Return Air Plenum w/ 6mm Nylon Filter C Rear Return Air Plenum w/ 20mm AI Filter D Bottom Return Air Plenum E Bottom Return Air Plenum w/ 6mm Nylon Filter F Bottom Return Air Plenum w/ 20mm AI Filter
Digit 7	Connection Side L Left Hand Connection R Right Hand Connection	Digit 15	Drain Pan A Cold-roll Steel, PE Insulation B Cold-roll Steel, PE Insulation (+200mm) C Cold-roll Steel, PE Insulation (+310mm) D Stainless Steel, PE Insulation E Stainless Steel, PE Insulation (+200mm) F Stainless Steel, PE Insulation (+310mm) G Cold-roll Steel, Non-flammable Insulation H Cold-roll Steel, Non-flammable Insulation (+200mm) J Cold-roll Steel w/ Non-flammable Insulation (+310mm) K Stainless Steel w/ Non-flammable Insulation L Stainless Steel w/ Non-flammable Insulation (+200mm) M Stainless Steel w/ Non-flammable Insulation (+310mm) N Cold-roll Steel, PE Insulation + aux drain pan P Cold-roll Steel, PE Insulation (+200mm) + aux drain pan Q Cold-roll Steel, PE Insulation (+310mm) + aux drain pan R Stainless Steel, PE Insulation + aux drain pan S Stainless Steel, PE Insulation (+200mm) + aux drain pan T Stainless Steel, PE Insulation (+310mm) + aux drain pan U Cold-roll Steel, Non-flammable Insulation + aux drain pan V Cold-roll Steel, Non-flammable Insulation (+200mm) + aux drain pan W Cold-roll Steel w/ Non-flammable Insulation (+310mm) + aux drain pan X Stainless Steel w/ Non-flammable Insulation + aux drain pan Y Stainless Steel w/ Non-flammable Insulation (+200mm) + aux drain pan Z Stainless Steel w/ Non-flammable Insulation (+310mm) + aux drain pan
Digit 8	Coil Rows 2 2 rows 3 3 rows 4 4 rows A 2+1 rows B 3+1 rows C 3 rows (EarthWise) D 4 rows (EarthWise) E 3+1 rows (EarthWise)		
Digit 9	Electric Heater 0 No Electric Heater 1 With Electric Heater (w/ Relay in Terminal Box) 2 With Electric Heater (w/o Relay in Terminal Box)		
Digit 10	Motor Type 1 PSC Motor-ESP 12Pa 3 PSC Motor-ESP 30Pa 5 PSC Motor-ESP 50Pa		
Digit 11	Voltage/Hz/Phase 1 220 ~ 240VAC/50Hz/1Phase 2 220 ~ 240VAC/60Hz/1Phase 3 110 ~ 127VAC/60Hz/1Phase	Digit 16	IAQ Option 0 No IAQ Option
Digit 12	Valve 0 None A 2-way Valve (2-pipe) B 3-way Valve (2-pipe) C Two 2-way Valves (4-pipe)	Digit 17	Design Version 2 Design Version
		Digit 18	Region A APR B MAIR C LAR H HongKong V China

Performance Data

3 Row Unit (2-Pipe)

			02	03	04	05	06	08	10	12	14
Air Flow	High Speed	CMH	340	510	680	850	1020	1360	1700	2040	2380
	Middle Speed	CMH	280	410	550	690	830	1100	1360	1630	1900
	Low Speed	CMH	180	270	350	440	520	690	860	1020	1190
Normal Application ⁽²⁾	Cooling Capacity	kW	2.21	3.16	4.17	5.06	6.10	8.00	9.30	11.10	13.00
	Heating Capacity	kW	3.50	5.20	6.70	8.12	9.70	13.00	15.50	18.00	20.80
	Heating Capacity (by E-heater) ⁽⁵⁾	kW	0.50	1.00	1.40	1.60	1.80	2.80	3.20	3.60	4.60
	Water Flow	l/s	0.11	0.15	0.20	0.25	0.30	0.39	0.45	0.53	0.63
	Water Pressure Drop	kPa	25	24	25	30	40	35	35	40	50
EarthWise Application ⁽³⁾	Cooling Capacity	kW	2.16	3.01	3.90	4.79	5.91	7.98	9.85	11.31	13.29
	Heating Capacity	kW	3.37	4.84	6.32	7.56	9.16	12.27	14.92	17.15	19.95
	Water Flow	l/s	0.06	0.09	0.12	0.14	0.18	0.24	0.29	0.34	0.40
	Water Pressure Drop	kPa	10	11	10	14	16	33	36	35	50
Power Consumption	12Pa	220 ~ 240V/50Hz	26	39	45	68	96	134	152	189	228
		220 ~ 240V/60Hz	27	43	51	67	85	118	142	178	213
		100 ~ 127V/60Hz	28	40	52	68	79	120	145	179	201
	30Pa	220 ~ 240V/50Hz	41	55	71	87	108	150	174	212	253
		220 ~ 240V/60Hz	36	49	62	87	88	126	163	193	311
		100 ~ 127V/60Hz	33	47	59	81	86	131	166	191	336
	50Pa	220 ~ 240V/50Hz	48	64	84	99	118	164	210	230	290
		220 ~ 240V/60Hz	40	58	77	112	134	189	242	273	333
		100 ~ 127V/60Hz	40	62	75	110	147	195	239	277	374
Noise	12Pa	dBA	34.5	35.5	36.5	40.5	45.0	44.5	46.5	49.0	51.0
	30Pa	dBA	38.0	40.0	41.5	43.5	46.0	46.5	49.0	51.0	53.0
	50Pa	dBA	41.0	42.5	45.0	47.0	48.0	49.0	51.0	52.0	54.0
Number of Motors			1	1	1	1	1	2	2	2	2
Working Pressure			1.8MPa								
Coil Type			Copper Tube / Hydrophilic Aluminum Fin								
Fan Type			Forward-Curve Centrifugal Fan								
Motor Type			Single-phase Permanent Split Capacitor								
Water Inlet/Outlet Diameter			Rc 3/4" (Female)								
Drain-pan Type			One-piece Stamping & Electrostatic Coating								
Drain-pan Connection Diameter			R 3/4" (Male)								
Options			Return Air Plenum, Filter, Thermostat, E-heater, Special Drain-pan								

1. Cooling and heating capacity, water flow and pressure drop data are based on high speed running.

2. Normal Operation:

- Cooling operation: inlet air dry/wet bulb temperature (°C): 27/19.5; water inlet/outlet temperature (°C): 7/12;

- Heating operation: inlet air dry bulb temperature (°C): 21; water inlet temperature (°C): 60; same water flow as cooling operation;

3. EarthWise Operation:

- Cooling operation: inlet air dry/wet bulb temperature (°C): 27/19.5; water inlet/outlet temperature (°C): 5/13;

- Heating operation: inlet air dry bulb temperature (°C): 21; water inlet temperature (°C): 60; same water flow as cooling operation;

4. Please refer to model number description for more options.

5. Same performance for EarthWise application.

4 Row Unit (2-Pipe)

		02	03	04	05	06	08	10	12	14	
Air Flow	High Speed	340	510	680	850	1020	1360	1700	2040	2380	
	Middle Speed	280	410	550	690	830	1100	1360	1630	1900	
	Low Speed	180	270	350	440	520	690	860	1020	1190	
Normal Application	Cooling Capacity	kW	2.54	3.66	4.73	5.55	7.01	9.21	11.16	13.07	14.93
	Heating Capacity	kW	4.00	5.69	7.20	8.82	10.73	14.17	17.61	20.16	23.43
	Heating Capacity (by E-heater) ⁽⁵⁾	kW	0.50	1.00	1.40	1.60	1.80	2.80	3.20	3.60	4.60
	Water Flow	l/s	0.12	0.18	0.23	0.27	0.33	0.44	0.53	0.62	0.71
	Water Pressure Drop	kPa	16	20	30	30	34	35	40	40	50
EarthWise Application	Cooling Capacity	kW	2.47	3.56	4.52	5.60	7.24	8.79	10.76	12.22	14.02
	Heating Capacity	kW	3.76	5.40	6.72	8.43	10.37	13.35	16.64	18.87	21.79
	Water Flow	l/s	0.07	0.11	0.13	0.17	0.22	0.26	0.32	0.36	0.42
	Water Pressure Drop	kPa	7	9	15	24	40	15	17	20	23
Power Consumption	12Pa	220 ~ 240V/50Hz	26	39	45	68	96	134	152	189	228
		220 ~ 240V/60Hz	27	43	51	67	85	118	142	178	213
		100 ~ 127V/60Hz	28	40	52	68	79	120	145	179	201
	30Pa	220 ~ 240V/50Hz	41	55	71	87	108	150	174	212	253
		220 ~ 240V/60Hz	36	49	62	87	88	126	163	193	311
		100 ~ 127V/60Hz	33	47	59	81	86	131	166	191	336
	50Pa	220 ~ 240V/50Hz	48	64	84	99	118	164	210	230	290
		220 ~ 240V/60Hz	40	58	77	112	134	189	242	273	333
		100 ~ 127V/60Hz	40	62	75	110	147	195	239	277	374
Noise	12Pa	dBA	34.5	35.5	36.5	40.5	45.0	44.5	46.5	49.0	51.0
	30Pa	dBA	38.0	40.0	41.5	43.5	46.0	46.5	49.0	51.0	53.0
	50Pa	dBA	41.0	42.5	45.0	47.0	48.0	49.0	51.0	52.0	54.0
Number of Motors			1	1	1	1	1	2	2	2	2
Working Pressure			1.8MPa								
Coil Type			Copper Tube / Hydrophilic Aluminum Fin								
Fan Type			Forward-Curve Centrifugal Fan								
Motor Type			Single-phase Permanent Split Capacitor								
Water Inlet/Outlet Diameter			Rc 3/4" (Female)								
Drain-pan Type			One-piece Stamping & Electrostatic Coating								
Drain-pan Connection Diameter			R 3/4"(Male)								
Options			Return Air Plenum, Filter, Thermostat, E-heater, Special Drain-pan								

1.Cooling and heating capacity, water flow and pressure drop data are based on high speed running.

2.Normal Operation:

- Cooling operation: inlet air dry/wet bulb temperature (°C): 27/19.5; water inlet/outlet temperature (°C): 7/12;

- Heating operation: inlet air dry bulb temperature (°C): 21; water inlet temperature (°C): 60; same water flow as cooling operation;

3.EarthWise Operation:

- Cooling operation: inlet air dry/wet bulb temperature (°C): 27/19.5; water inlet/outlet temperature (°C): 5/13;

- Heating operation: inlet air dry bulb temperature (°C): 21; water inlet temperature (°C): 60; same water flow as cooling operation;

4.Please refer to model number description for more options.

5. Same performance for EarthWise application.

Performance Data

2 Row Unit (2-Pipe)

			02	03	04	05	06	08	
Air Flow CMH	High Speed		350	520	690	870	1040	1380	
	Middle Speed		280	410	550	700	830	1100	
	Low Speed		180	270	350	450	520	690	
	Cooling Capacity	kW	1.90	2.80	3.60	4.50	5.40	7.20	
	Heating Capacity	kW	3.15	4.93	6.10	7.41	8.90	12.00	
	Heating Capacity (by E-heater) ⁽⁵⁾	kW	0.50	1.00	1.40	1.60	1.80	2.80	
	Water Flow	l/s	0.10	0.14	0.17	0.21	0.26	0.34	
	Water Pressure Drop	kPa	15	30	25	30	34	36	
Power Consumption	12Pa	220 ~ 240V/50Hz		26	39	45	68	96	134
		220 ~ 240V/60Hz		27	43	51	67	85	118
		100 ~ 127V/60Hz		28	40	52	68	79	120
	30Pa	220 ~ 240V/50Hz		41	55	71	87	108	150
		220 ~ 240V/60Hz	W	36	49	62	87	88	126
		100 ~ 127V/60Hz		33	47	59	81	86	131
	50Pa	220 ~ 240V/50Hz		48	64	84	99	118	164
		220 ~ 240V/60Hz		40	58	77	112	134	189
		100 ~ 127V/60Hz		40	62	75	110	147	195
	Noise	12Pa	dBA	34.5	35.5	36.5	40.5	45.0	44.5
		30Pa		38.0	40.0	41.5	43.5	46.0	46.5
		50Pa		41.0	42.5	45.0	47.0	48.0	49.0
	Number of Motors		1	1	1	1	1	2	
	Working Pressure		1.8MPa						
	Coil Type		Copper Tube / Hydrophilic Aluminum Fin						
	Fan Type		Forward-Curve Centrifugal Fan						
	Motor Type		Single-phase Permanent Split Capacitor						
	Water Inlet/Outlet Diameter		Rc 3/4" (Female)						
	Drain-pan Type		One-piece Stamping & Electrostatic Coating						
	Drain-pan Connection Diameter		R 3/4" (Male)						
	Options		Return Air Plenum, Filter, Thermostat, E-heater, Special Drain-pan						

1. Cooling and heating capacity, water flow and pressure drop data are based on high speed running.

2. Normal Operation:

- Cooling operation: inlet air dry/wet bulb temperature (°C): 27/19.5; water inlet/outlet temperature (°C): 7/12;

- Heating operation: inlet air dry bulb temperature (°C): 21; water inlet temperature (°C): 60; same water flow as cooling operation;

3. Please refer to model number description for more options.

4. Same performance for EarthWise application.

2+1 Row Unit (4-Pipe)

			02	03	04	05	06	08		
Air Flow CMH	High Speed		340	510	680	850	1020	1360		
	Middle Speed		280	410	550	690	830	1100		
	Low Speed		180	270	350	440	520	690		
	Cooling Capacity	kW	1.93	2.86	3.81	4.50	5.74	7.22		
	Water Flow	kPa	0.10	0.14	0.19	0.22	0.28	0.35		
	Water Pressure Drop	kPa	8	16	26	21	25	28		
	Heating Capacity (1 Row)	l/s	1.67	2.21	2.50	2.92	3.45	4.11		
	Water Flow	kPa	0.07	0.06	0.06	0.06	0.06	0.05		
	Water Pressure Drop	kPa	30	30	30	30	40	40		
Power Consumption	12Pa	220 ~ 240V/50Hz		26	39	45	68	96	134	
		220 ~ 240V/60Hz		27	43	51	67	85	118	
		100 ~ 127V/60Hz		28	40	52	68	79	120	
	30Pa	220 ~ 240V/50Hz	W		41	55	71	87	108	150
		220 ~ 240V/60Hz			36	49	62	87	88	126
		100 ~ 127V/60Hz			33	47	58	81	86	131
	50Pa	220 ~ 240V/50Hz		48	64	84	99	118	164	
		220 ~ 240V/60Hz		40	58	77	112	134	189	
		100 ~ 127V/60Hz		40	62	75	110	147	195	
Noise	12Pa	dBA	34.5	35.5	36.5	40.5	45	44.5		
	30Pa	dBA	38.0	40.0	41.5	43.5	46.0	46.5		
	50Pa	dBA	41.0	42.5	45.0	47.0	48.0	49.0		
	Number of Motors		1	1	1	1	1	2		
	Working Pressure		1.8MPa							
	Coil Type		Copper Tube / Hydrophilic Aluminum Fin							
	Fan Type		Forward-Curve Centrifugal Fan							
	Motor Type		Single-phase Permanent Split Capacitor							
	Water Inlet/Outlet Diameter		Rc 3/4" (Female) / Rc 1/2" (Hot Water)							
	Drain-pan Type		One-piece Stamping & Electrostatic Coating							
	Drain-pan Connection Diameter		R 3/4" (Male)							
	Options		Return Air Plenum, Filter, Thermostat, E-heater, Special Drain-pan							

1.Cooling and heating capacity, water flow and pressure drop data are based on high speed running.

2.Normal Operation:

- Cooling operation: inlet air dry/wet bulb temperature (°C): 27/19.5; water inlet/outlet temperature (°C): 7/12;

- Heating operation (1 row): inlet air dry bulb temperature (°C): 21; water inlet temperature (°C): 60;

3.Please refer to model number description for more options.



Performance Data

3+1 Row Unit (4-Pipe)

		02	03	04	05	06	08	10	12	14	
Air Flow	High Speed	340	510	680	850	1020	1360	1700	2040	2380	
	Middle Speed	280	410	550	690	830	1100	1360	1630	1900	
	Low Speed	180	270	350	440	520	690	860	1020	1190	
Normal Application	Cooling Capacity	kW	2.17	3.10	4.04	4.96	5.98	7.62	9.02	10.80	12.74
	Water Flow	l/s	0.11	0.15	0.20	0.24	0.30	0.37	0.44	0.52	0.62
	Water Pressure Drop	kPa	25	24	23	30	38	32	33	38	50
EarthWise Application	Cooling Capacity	kW	2.12	2.95	3.81	4.69	5.67	7.61	9.32	10.80	13.02
	Water Flow	l/s	0.06	0.09	0.11	0.14	0.17	0.23	0.28	0.32	0.39
	Water Pressure Drop	kPa	10	11	10	14	15	26	28	29	48
	Heating Capacity	kW	2.41	3.16	3.88	4.42	5.20	6.15	7.24	7.67	8.81
	Water Flow	l/s	0.14	0.13	0.12	0.11	0.12	0.11	0.11	0.10	0.11
	Water Pressure Drop	kPa	30	30	30	30	40	40	40	40	50
Power Consumption	12Pa	220 ~ 240V/50Hz	26	39	45	68	96	134	152	189	228
		220 ~ 240V/60Hz	27	43	51	67	85	118	142	178	213
		100 ~ 127V/60Hz	28	40	52	68	79	120	145	179	201
	30Pa	220 ~ 240V/50Hz	41	55	71	87	108	150	174	212	253
		220 ~ 240V/60Hz	36	49	62	87	88	126	163	193	311
		100 ~ 127V/60Hz	33	47	59	81	86	131	166	191	336
	50Pa	220 ~ 240V/50Hz	48	64	84	99	118	164	210	230	290
		220 ~ 240V/60Hz	40	58	77	112	134	189	242	273	333
		100 ~ 127V/60Hz	40	62	75	110	147	195	239	277	374
Noise	12Pa	dBA	34.5	35.5	36.5	40.5	45.0	44.5	46.5	49.0	51.0
	30Pa	dBA	38.0	40.0	41.5	43.5	46.0	46.5	49.0	51.0	53.0
	50Pa	dBA	41.0	42.5	45.0	47.0	48.0	49.0	51.0	52.0	54.0
	Number of Motors		1	1	1	1	1	2	2	2	2
	Working Pressure		1.8MPa								
	Coil Type		Copper Tube / Hydrophilic Aluminum Fin								
	Fan Type		Forward-Curve Centrifugal Fan								
	Motor Type		Single-phase Permanent Split Capacitor								
	Water Inlet/Outlet Diameter		Rc 3/4" (Female) / Rc 1/2" (Hot Water)								
	Drain-pan Type		One-piece Stamping & Electrostatic Coating								
	Drain-pan Connection Diameter		R 3/4" (Male)								
	Options		Return Air Plenum, Filter, Thermostat, E-heater, Special Drain-pan								

1.Cooling and heating capacity, water flow and pressure drop data are based on high speed running.

2.Normal Operation:

- Cooling operation: inlet air dry/wet bulb temperature (°C): 27/19.5; water inlet/outlet temperature (°C): 7/12;

- Heating operation(1 row): inlet air dry bulb temperature (°C): 21; water inlet temperature (°C): 60;

3.EarthWise Operation:

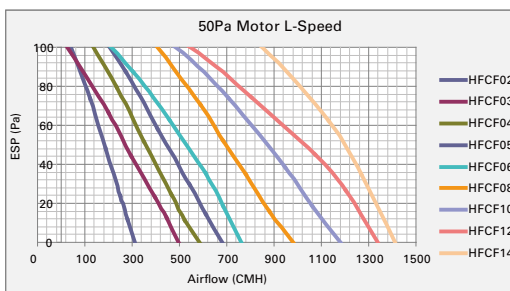
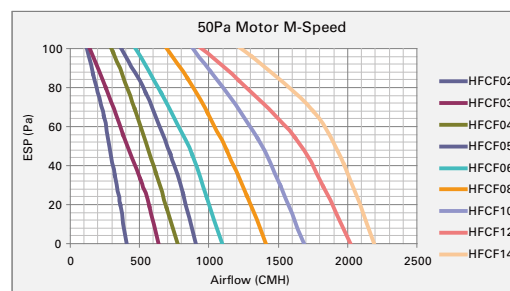
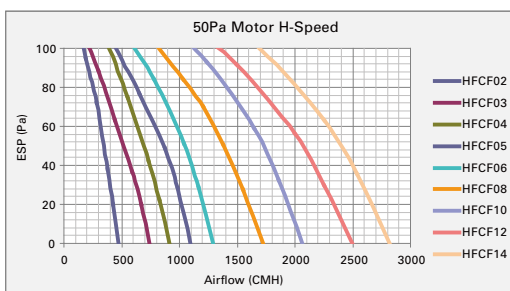
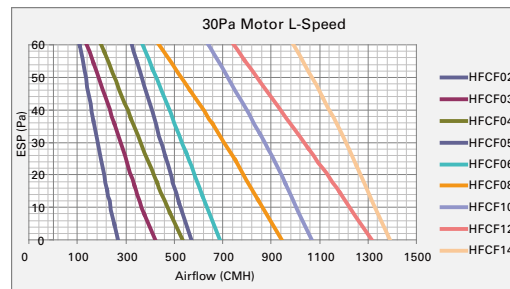
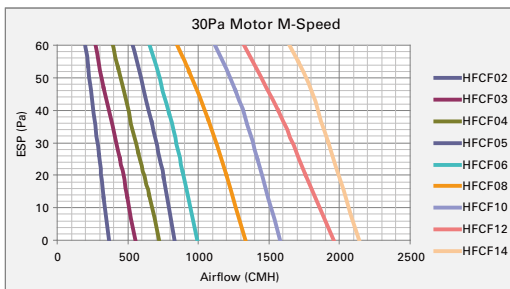
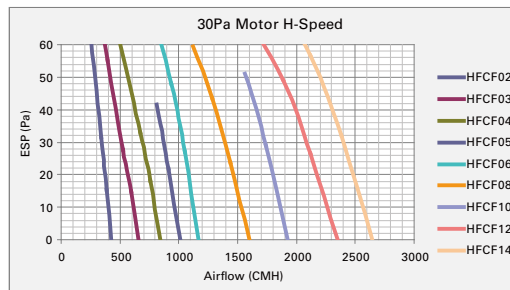
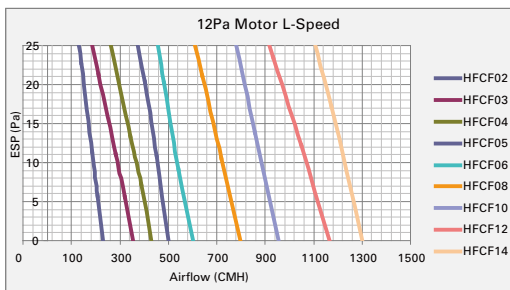
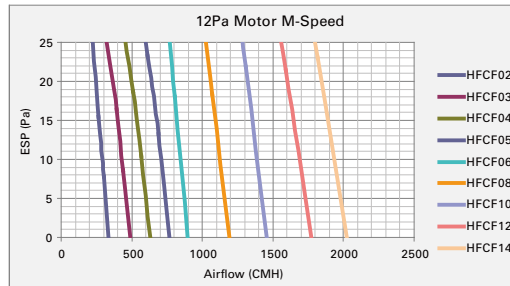
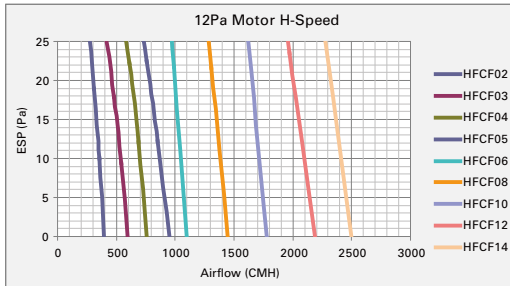
- Cooling operation: inlet air dry/wet bulb temperature (°C): 27/19.5; water inlet/outlet temperature (°C): 5/13;

- Heating operation(1 row): inlet air dry bulb temperature (°C): 21; water inlet temperature (°C): 60;

4.Please refer to model number description for more options.

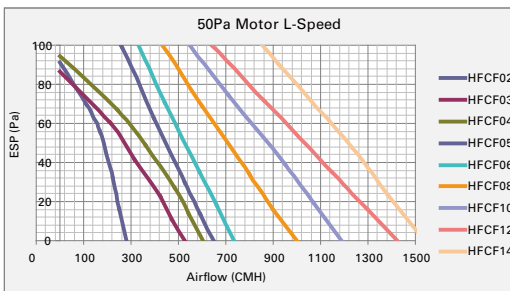
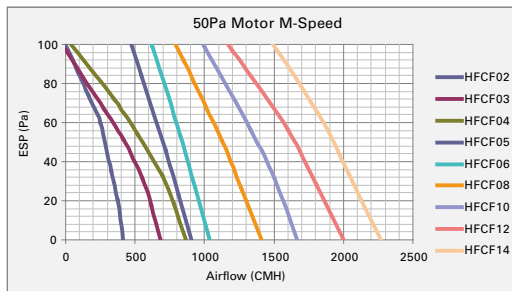
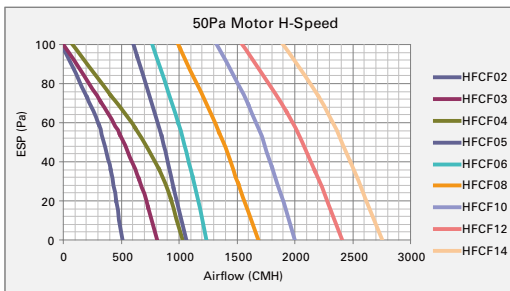
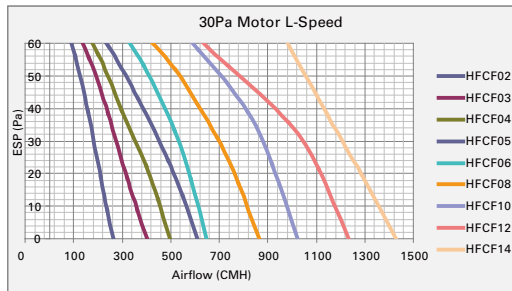
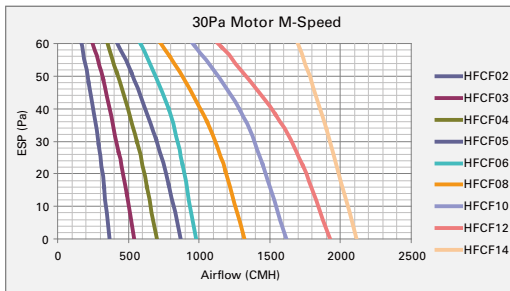
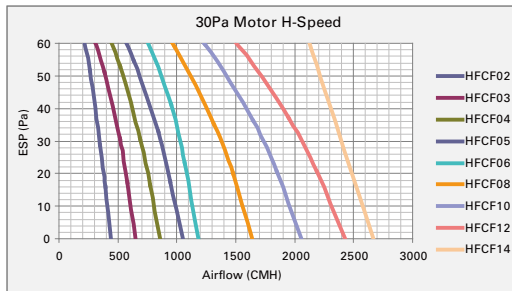
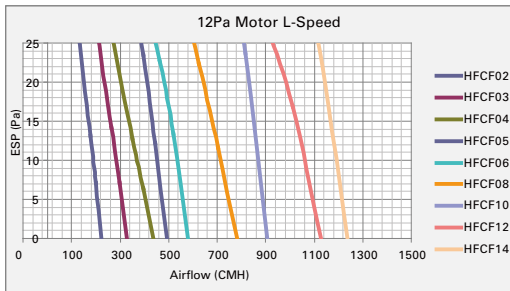
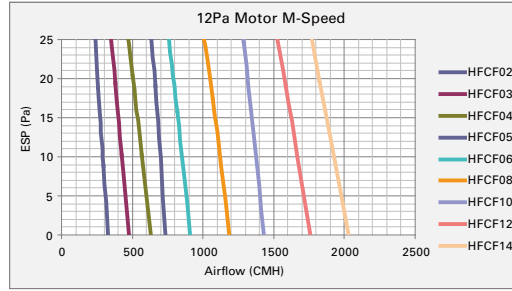
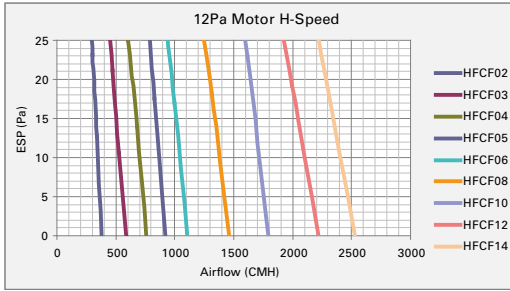
Airflow Curve

220 ~ 240V-50Hz

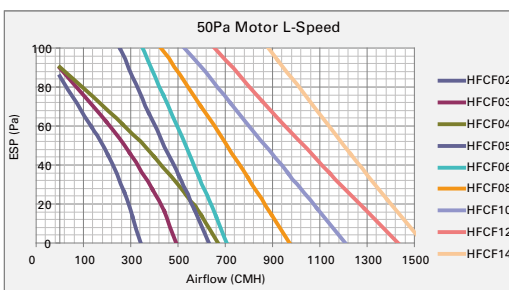
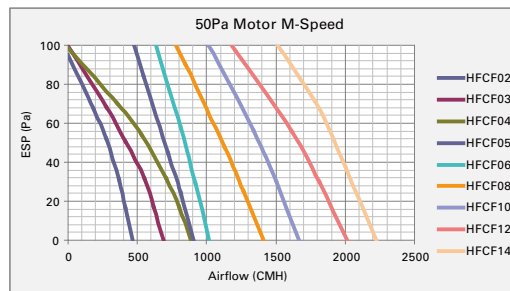
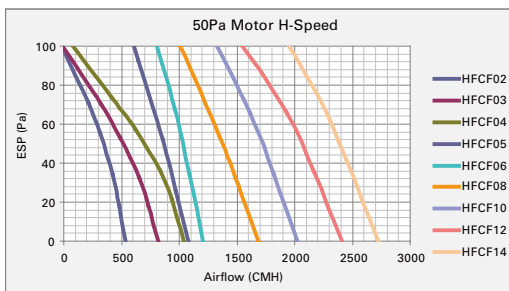
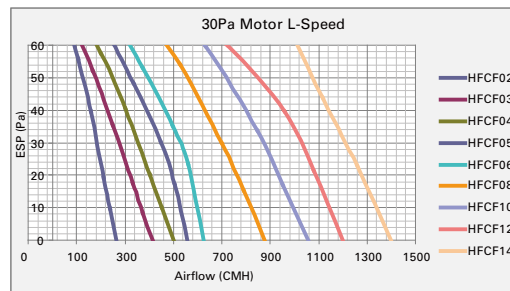
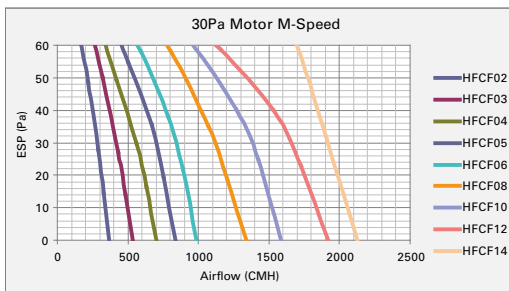
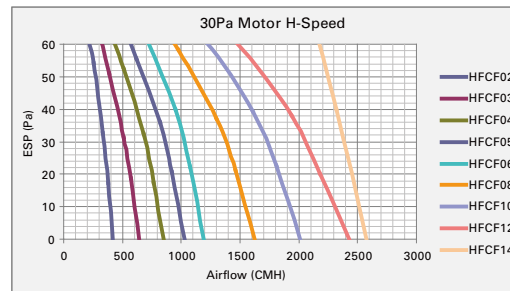
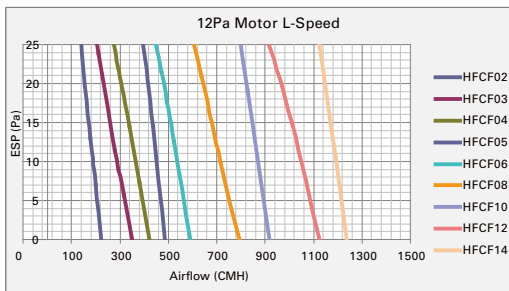
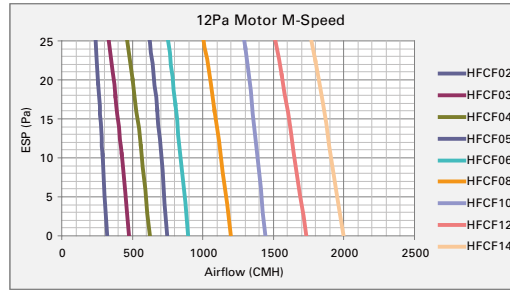
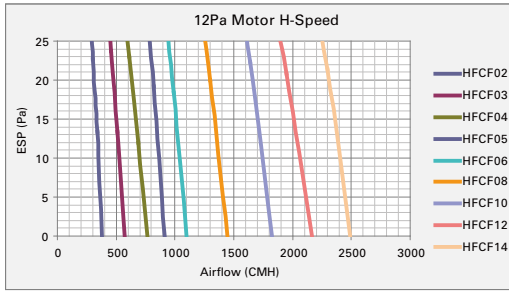


Airflow Curve

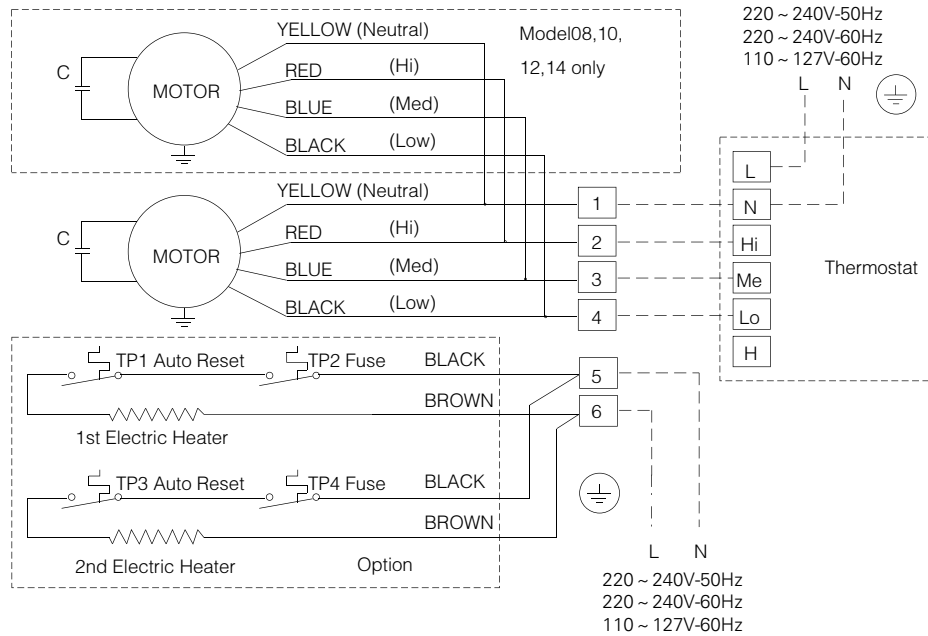
220 ~ 240V-60Hz



110 ~ 127V-60Hz



Wiring Diagram



Motor speed control

Yellow and Red Wires = High Speed
 Yellow and Blue Wires = Medium Speed
 Yellow and Black Wires = Low Speed

Trane can provide terminal boxes with relay inside to support e-heater application and you can freely choose according to your needs.

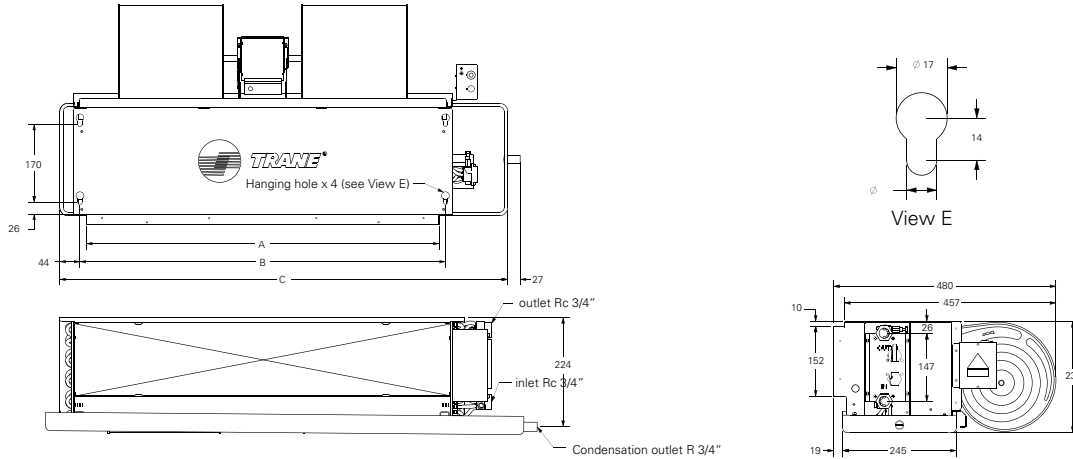
Warning:

1. Units at different sizes are not allowed to be connected in parallel; max 2 units at same size can be connected in parallel.
2. Only qualified personnel should install and service the equipment.
3. Cut off power before any service or maintenance starts.

Dimensions and Weights

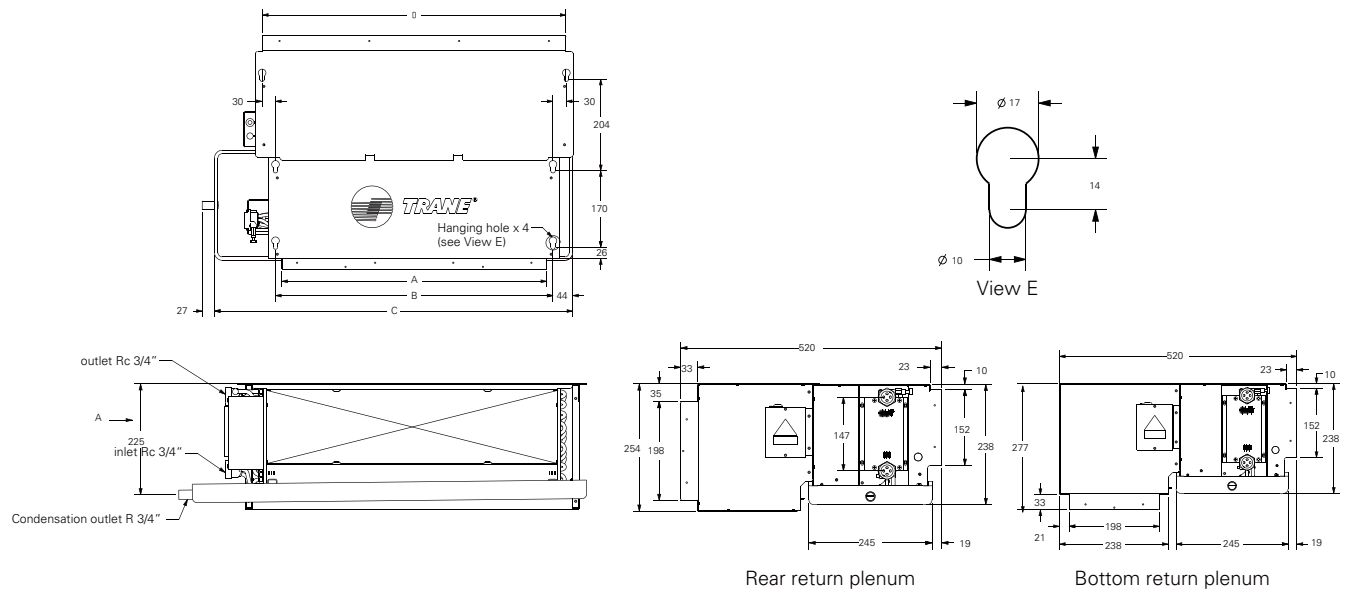
2-pipe (without return plenum)

Unit:mm



2-pipe (with return plenum)

Unit:mm

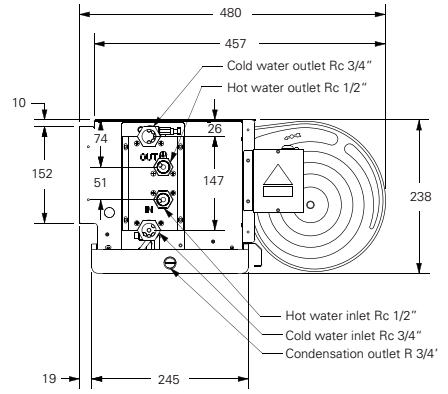
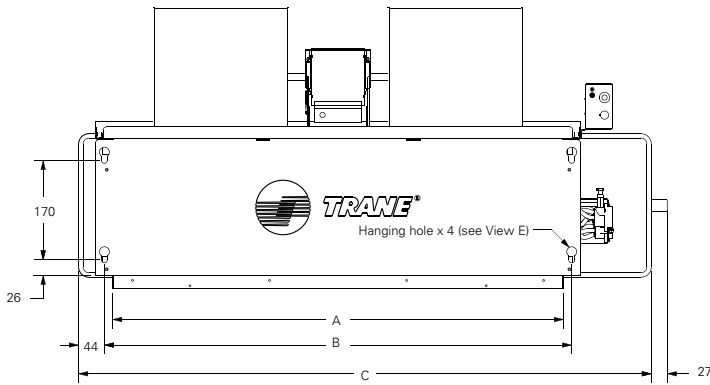


Dimension (mm)	Weight (kg)																					
	A B C D				Without return plenum						With return plenum											
					12Pa		30Pa		50Pa		12Pa		30Pa		50Pa							
2 Row	3 Row	4 Row	2 Row	3 Row	4 Row	2 Row	3 Row	4 Row	2 Row	3 Row	4 Row	2 Row	3 Row	4 Row	2 Row	3 Row	4 Row					
HFCF02	440	468	648	526	10	11	11	10.5	11	11	10.5	11	11.5	13.5	14	14	13.5	14	14	14.5		
HFCF03	590	618	798	676	13	14	14	13	14	14	13.5	14	14	17	17.5	17.5	17	17.5	17.5	17.5		
HFCF04	690	718	898	776	15	15	16	15	15.5	16	15	15.5	16	19	19.5	20.5	19	19.5	20	19.5	20	
HFCF05	770	798	978	856	15.5	16	17	16	17	17	16	17	17.5	19.5	20	21	20	20.5	20.5	20	21	21.5
HFCF06	970	998	1183	1056	18.5	19	21	19	20	21	19	20	21	23.5	24	25	23.5	24	25	24	24.5	25.5
HFCF08	1210	1238	1423	1296	26	27	28	26	27	28	26.5	27	28	32	33	34	32	33	34	32	33	34
HFCF10	1330	1358	1543	1416	-	31	32	-	31	32	-	31	32	-	37.5	38.5	-	37.5	38.5	-	37.5	38.5
HFCF12	1570	1598	1783	1656	-	34	35	-	34	35	-	34	35	-	41.5	42.5	-	42	43	-	42	43
HFCF14	1750	1778	1963	1836	-	36	37.5	-	36.5	37.5	-	36.5	38	-	44.5	45.5	-	45	46	-	45	46.5

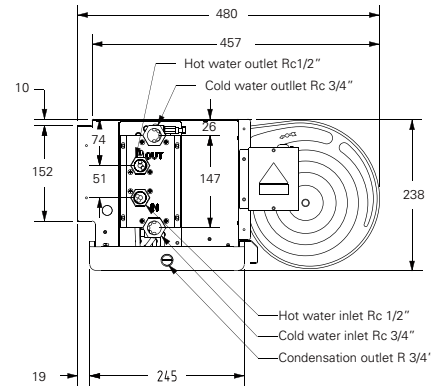
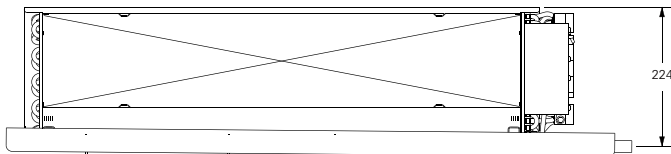
Dimensions and Weights

4-pipe

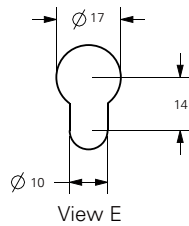
Unit:mm



2+1 Row



3+1 Row



Dimension (mm)	Weight (kg)															
	Without return plenum						With return plenum									
	A	B	C	D	12Pa	30Pa	50Pa	12Pa	30Pa	50Pa	12Pa	30Pa	50Pa			
					2+1 Row	3+1 Row	2+1 Row	3+1 Row	2+1 Row	3+1 Row	2+1 Row	3+1 Row	2+1 Row	3+1 Row		
HFCF02	440	468	648	526	11	11.5	11	11.5	11	12	14	14.5	14	14.5	14	15
HFCF03	590	618	798	676	14	14	14	14.5	14	14.5	17	17	17	17.5	17	17.5
HFCF04	690	718	898	776	15	16	16	16	16	16	18	19	19	19	19	19
HFCF05	770	798	978	856	16	17	17	18	17	18	19	20	20	21	20	21
HFCF06	970	998	1183	1056	19.5	20	20	21	20	21	22.5	23	23	24	23	24
HFCF08	1210	1238	1423	1296	27	28	27	28	28	28	30	31	30	31	31	31
HFCF10	1330	1358	1543	1416	-	32	-	32	-	32	-	35	-	35	-	35
HFCF12	1570	1598	1783	1656	-	35	-	35.5	-	35.5	-	38	-	38.5	-	38.5
HFCF14	1750	1778	1963	1836	-	38	-	38	-	38	-	41	-	41	-	41

Options Valve Package

Specifications

Optional offer to provide factory-assembled valve package, including 2- or 3-way ON/OFF valve with electric actuator. Trane offers suitable drain-pan to best accommodate different package and avoid any condensation risk.

Easy Installation

- Industrial standard thread joint for pipe connection.
- Terminal box for electrical wiring connection.

Low Installation Cost

- Eliminate field installed for controls valve packaged and its accessories.
- Quick installation time and save field workmanship cost.

Compact Design

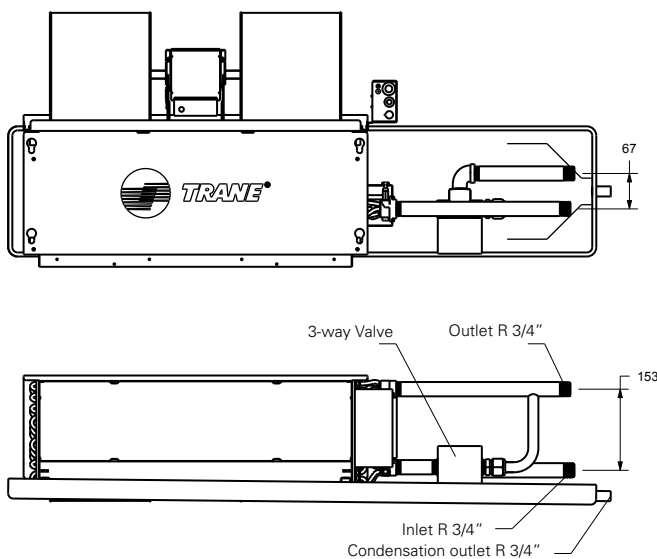
- Extended drain pan up to substantial length for piping connection.

2-way/3-way Valve

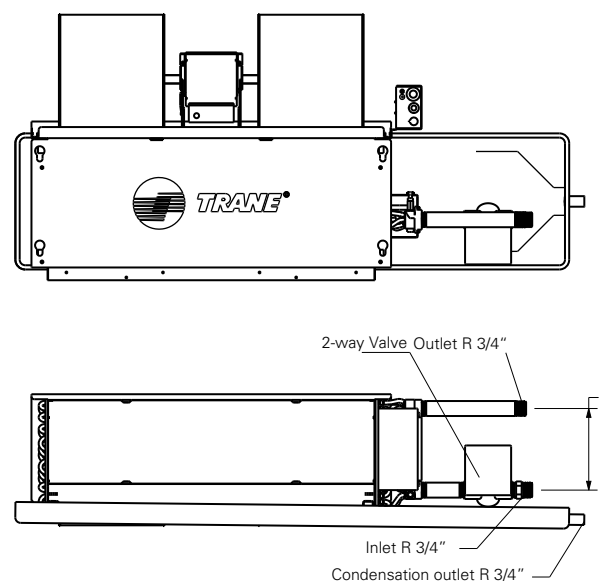


Power Consumption	Nominal Pressure	Close-off Pressure	IP Grade	Power Supply	Kv's	Valve on-off Speed	Pipe connection
6.5W	2.1MPa	344KPa	IP51	220-240V 100-127V	2.2 2.6	4-5s(Spring) 13-18s (motor)	DN20 Female Thread

3-way Valve



2-way Valve



Note: Please select extended Drain-pan (200mm) for 2-way Valve and 310mm for 3-way valve.



Trane optimizes the performance of homes and buildings around the world. A business of Ingersoll Rand, the leader in creating and sustaining safe, comfortable and energy efficient environments, Trane offers a broad portfolio of advanced controls and HVAC systems, comprehensive building services, and parts. For more information, visit www.Trane.com.

Trane has a policy of continuous product and product data improvement and reserves the right to change design and specifications without notice.