



HI-COMMAND

Water Coil

*Chilled Water Fan Coil
Convertible Type
400-2,000 CFM
CFEA Series 50 Hz*





HI-COMMAND



Trane's new Chilled Water Fan Coils move you to new heights of cooling comfort, with luxurious design, state of the art technology and long life durability. Hi-Command Water Coil with optional wired control or LCD wireless control, is easily to use and allows precise room temperature control.

With advanced manufacturing techniques, Trane's new Hi-Command Chilled Water Fan Coil is the perfect product for your new lifestyle.



Comfort and Reliability

- Full Capacity and Energy Savings.
- Washable Filter.
- Low Maintenance.
- Attractive Style.
- Effective Air Discharge.
- **Power Failure Recovery** saves settings during a power failure and restarts the system automatically when power resumes.

Convenience

One Touch Control Switch operates the system without the handheld remote control.



New Room Thermostat

- **Fan Speed:** allows for selection of one of three fan speeds.
- **Temperature Setting:** between 16°C - 30°C.



New! LED Wireless Remote Control

- User Friendly
- Luminous temp up and down buttons
- Luminous clock button
- LED Display will lighten up when press any buttons from 1800 hrs to 0600 hrs

Flexibility

Hi-Command's convertible design allows for flexibility in installation. Hi-Command may be installed under the ceiling, low on the wall, or on the floor, depending on the space available in your room.

Optional Control Valve

2 way and 3 way valve are available for floor mounted type only.

Quality

All major components are individually inspected and tested, and every unit undergoes a run-test, prior to shipment from the factory.



Wired Control

- Ensures that the control will not be lost.
- Provides precise temperature control with a system indicator that lights up when the system is operating and no batteries required!
- **Fan Speed:** allows for selection of one of four fan speeds: High, Medium, Low or Automatic.
- **Mode of Operation:** allows for selection of the operating mode: Fan, Cool, or Heat.
- **Temperature Setting:** between 15°C - 30°C.
- **15 Hour Programmable Timer:** allows you to preset the time for system operation, up to 15 hours in advance.
- **Sleep Mode:** automatic temperature adjustment for more comfortable sleeping conditions and energy savings.
- Provides maximum convenience.
- **Fan Speed:** allows for automatic control of four fan settings: High, Medium, Low, or Automatic.
- **Mode of Operation:** allows for selection of the operating mode: Fan, Cool, Dry, Heat, or Auto.
- **24-Hour Programmable Timer:** allows you to preset the time for system operation, up to 24 hours in advance.
- **Louver and Sweep Mode:** allows for control of the air flow direction and improved air circulation (sweep is available on the 12,000 to 24,000 Btu models only).
- **Sleep Mode:** automatic temperature adjustment for more comfortable sleeping conditions and energy savings.
- **Dry Mode:** controls humidity and maintains a constant temperature, while saving energy.

Performance Data
CFEA04-20

Unit Size	EWT (F)	Water Temperature Rise (F)															
		6				8				10				12			
		TC	SC	GPM	PD	TC	SC	GPM	PD	TC	SC	GPM	PD	TC	SC	GPM	PD
04	40	18.2	11.8	6.0	26.9	17.1	11.3	4.3	14.6	16.0	10.8	3.2	8.7	14.7	10.2	2.4	5.5
	45	14.6	10.2	4.9	18.1	13.5	9.7	3.4	9.4	12.1	9.1	2.4	5.3	10.7	8.6	1.8	3.1
	50	10.8	8.6	3.6	10.4	9.6	8.1	2.4	5.2	8.5	7.7	1.7	2.8	7.4	7.3	1.2	1.6
06	40	27.1	17.2	9.0	26.6	25.8	16.6	6.4	14.7	24.3	15.9	4.8	8.9	22.6	15.1	3.8	5.7
	45	22.0	14.9	7.3	18.2	20.6	14.3	5.1	9.7	18.9	13.6	3.8	5.7	17.1	12.8	2.8	3.5
	50	16.6	12.6	5.5	10.9	15.1	12.0	3.8	5.6	13.6	11.4	2.7	3.1	11.9	10.8	2.0	1.8
08	40	34.7	21.9	11.5	35.4	33.4	21.2	8.3	20.0	32.0	20.5	6.4	12.5	30.4	19.7	5.0	8.3
	45	28.6	18.8	9.5	24.7	27.1	18.2	6.8	13.6	25.5	17.5	5.1	8.3	23.6	16.6	3.9	5.3
	50	21.8	15.9	7.3	15.2	20.3	15.3	5.1	8.1	18.6	14.6	3.7	4.7	16.7	13.8	2.8	2.9
10	40	43.5	27.7	14.5	21.7	41.7	26.5	10.4	12.1	39.5	25.5	7.9	7.5	36.9	24.3	6.1	4.8
	45	35.7	23.7	11.9	15.1	33.5	22.7	8.4	8.2	31.0	21.6	6.2	4.8	28.0	20.3	4.7	2.9
	50	27.1	20.4	9.0	9.2	24.7	19.0	6.2	4.7	22.1	18.0	4.4	2.6	19.1	16.8	3.2	1.5
12	40	49.7	30.9	16.5	27.5	48.1	30.1	12.0	15.7	46.2	29.2	9.2	9.9	44.0	28.1	7.3	6.6
	45	41.1	26.7	13.7	19.5	39.3	25.9	9.8	10.9	37.1	24.9	7.4	6.6	34.5	23.7	5.7	4.2
	50	31.8	22.6	10.6	12.2	29.8	21.7	7.4	6.6	27.3	20.7	5.4	3.8	24.3	19.5	4.1	2.3
14	40	60.9	39.3	20.2	57.4	57.9	37.9	14.4	31.6	54.6	36.4	10.9	19.2	51.1	34.8	8.5	12.4
	45	49.4	34.1	16.4	39.1	46.1	32.6	11.5	20.8	42.7	31.2	8.5	12.3	39.3	29.8	6.5	7.7
	50	37.1	28.9	12.4	23.3	34.1	27.7	8.5	12.1	31.2	26.6	6.2	7.0	28.2	25.5	4.7	4.3
16	40	70.9	45.6	23.6	68.5	67.3	43.9	16.8	37.6	63.5	42.2	12.7	22.9	59.7	40.4	9.9	14.9
	45	57.5	39.5	19.1	46.7	53.8	37.9	13.4	25.0	50.0	36.3	10.0	14.8	46.3	34.7	7.7	9.4
	50	43.6	33.6	14.5	28.2	40.1	32.3	10.0	14.7	36.9	31.0	7.4	8.6	33.6	29.8	5.6	5.3
20	40	82.9	52.8	27.5	40.7	79.4	51.1	19.8	22.6	75.6	49.0	15.1	14.0	71.4	46.9	11.9	9.2
	45	67.9	45.4	22.6	28.0	64.0	43.7	16.0	15.2	60.0	41.8	12.0	9.2	55.4	39.9	9.2	5.8
	50	51.8	38.4	17.2	17.1	48.0	36.8	12.0	9.0	43.9	35.2	8.8	5.0	39.4	33.4	6.5	3.2

- Notes:**
- Air Entering Coil Conditions are 80/67 in FDB/FWB
 - Cooling capacities are rated at nominal CFM (Hi Fan Speed)
 - EWT = Entering Water Temperature (F)
- TC = Total Capacity, MBh
 SC = Sensible Capacity, MBh
 GPM = Water Flow Rate, Gallon per Minute
 PD = Water Pressure Drop, ft of water.

Models	Nominal Capacity (Btu/h)	Nominal CFM	Dimensions (mm)			Net Weight (Kg)
			H	W	D	
CFEA04	12,100	400	627	1,085	243	36
CFEA06	18,900	600	627	1,085	243	37
CFEA08	25,500	800	627	1,335	268	45
CFEA10	31,000	1,000	627	1,585	268	61
CFEA12	37,100	1,200	627	1,585	268	61
CFEA14	42,700	1,400	627	1,835	268	72
CFEA16	50,000	1,600	627	2,085	268	79
CFEA20	60,000	2,000	627	2,085	268	84



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