



HFCD

Chilled Water Fan Coil Units

Concealed Type 1,400 - 2,000 CFM

HFCD Series 50 Hz

TRANE
TECHNOLOGIES





Model Nomenclature

H 1	F 2	C 3	D 4	1 5	4 6	C 7	0 8	0 9	1 10	A 11	A 12
Digit 1 - Position H = Horizontal						Digit 8 - Electric Heater 0 = No Electric Heater					
Digit 2 - Unit Type F = Fan Coil						Digit 9 - Future Use 0 = Option					
Digit 3 - Casing C = Concealed						Digit 10 - Voltage / Phase / Hertz 1 = 220 / 1 / 50 2 = 220 / 1 / 60					
Digit 4 - Development Sequence D = Development Sequence						Digit 11 - Plenum / Filter O = Without Return Plenum A = With Return Plenum					
Digit 5,6 - Size / Nominal Airflow 14 = 1,400 CFM 16 = 1,600 CFM 18 = 1,800 CFM 20 = 2,000 CFM						Digit 12 - Design Sequence C = Design Sequence					
Digit 7 - Coil Row, Connection Side C = 3 Row Cooling, Right Hand D = 3 Row Cooling, Left Hand E = 4 Row Cooling, Right Hand F = 4 Row Cooling, Left Hand											

General Data HFCD 50 Hz

Product Specification

UNIT MODELS		HFCD14	HFCD16	HFCD18	HFCD20
POWER CONNECTION	V/ph/Hz	220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
SYSTEM DATA					
Nominal Airflow	cfm	1,400	1,600	1,800	2,000
Cooling Capacity	Btu/hr	42,000	48,000	54,000	60,000
Water Outlet Connection Size	in	3/4	3/4	3/4	3/4
Water Inlet Connection Size	in	3/4	3/4	3/4	3/4
Water Connection Type		Brazed	Brazed	Brazed	Brazed
COIL					
Fin Type		Corrugate	Corrugate	Corrugate	Corrugate
Fins per inch*					
3-row coil		14	14	14	14
4-row coil		16	16	16	16
Drain Connection Size	in	1/2	1/2	1/2	1/2
FAN					
Fan Type		Centrifugal	Centrifugal	Centrifugal	Centrifugal
Qty		2	2	2	2
Drive Type		Direct	Direct	Direct	Direct
STANDARD FAN MOTOR					
Qty		1	1	1	1
Motor Output Power	W	399	399	450	450
No. of Speed		4	4	4	4
V/ph/Hz		220-240/1/50	220-240/1/50	220-240/1/50	220-240/1/50
RLA	A	3.11	3.11	3.94	3.94
RETURN AIR PLENUM					
Standard for unit		Yes	Yes	Yes	Yes
Filter		Yes	Yes	Yes	Yes
DIMENSION (HxWxD)					
Packing (Shipping)	mm	490x1,168x782	490x1,168x782	490x1,317x782	490x1,317x782
Unit (Net)	mm	408x1,098x759	408x1,098x759	408x1,251x759	408x1,251x759
WEIGHT					
Unit (Net) 3-Row Coil	kg	49	49	56	56
Unit (Net) 4-Row Coil	kg	52	52	60	60

* Note: 1. 3-row coil is standard coil
 2. 4-row coil is optional coil
 3. Product design and specification are subject to change without notice.

