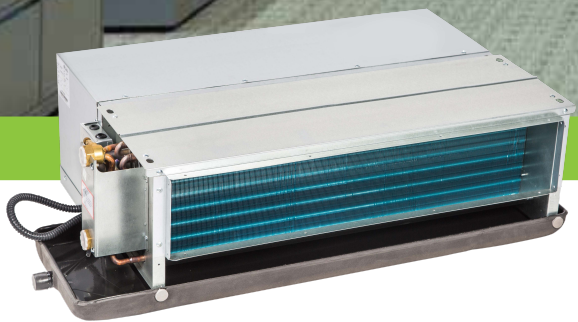


TOPAIRE

AIR CONDITIONER



Chilled Water Fancoils Unit

Slim • Stylish • Space Saving

 Innovation Beyond Comfort

Chilled Water Ceiling Cassette FCU

Perfect Solution For Your Interior Design Concept

Features

- ✓ Slim, Stylish with removable easy to clean air filters grilles and discharge panels.
- ✓ Unified square air discharge panels.
- ✓ LED light indicator with digital temperature display panel & auto restart function.
- ✓ 4 way air distribution with auto air swing (Up & Down).
- ✓ Aerodynamic turbo fan to enhance strong air flow for better air circulation & distribution.
- ✓ Anti-mold & long lasting washable saran net air filter.
- ✓ Innovative evaporator coil with anti corrosion hydrophilic coated slit fins and inner grooves copper tubes to maximize the cooling capacity.
- ✓ Built-in high head water drain pump.



Completed With Internal Thread
Chilled Water Header

Specifications

MODEL			INDOOR	TCS 13G-CW	TCS 16G-CW	TCS 20G-CW	TCS 25G-CW	TCS 30G-CW	TCS 40G-CW	TCS 50G-CW
NOMINAL CAPACITY			Btu/hr	13,000	16,000	20,000	25,000	30,000	40,000	50,000
			kW	3.81	4.69	5.86	7.33	8.79	11.72	14.65
Power Supply			V/Ph/Hz	220-240 / 1 / 50						
Chilled Water Flow Rate			usgpm	2.80	3.40	4.32	5.50	6.22	8.22	10.20
Chilled Water Pressure Drop			ftwg	7.92	7.92	7.96	9.0	10.0	14.7	15.39
Chilled Water Piping Connection	In	inch	Ø3/4" INTERNAL THREAD							
	Out	inch	Ø3/4" INTERNAL THREAD							
Fan	Type		AERODYNAMICALLY DESIGNED TURBO FAN							
	Air Flow	CFM		400	500	600	820	950	1150	1300
	Power Input	Watt		70	95	125	150	155	190	190
	Rated Ampere	A		0.40	0.50	0.60	0.75	0.78	0.95	0.95
	Sound Level	db(A)		42/39/32	45/42/34	45/41/36	47/43/38	48/44/39	49/45/40	50/46/41
Evaporator Coil	Face Area	ft ²		3.0	3.0	3.5	5.3	5.3	5.3	5.6
	Tube		SEAMLESS COPPER TUBE							
	Fin		HYDROPHILIC ALUMINIUM BLUE FIN							
Control	Room temperature		MICROCOMPUTER CONTROLLER THERMOSTAT							
	Control display		LED INDICATOR LIGHT WITH DIGITAL TEMPERATURE DISPLAY PANEL							
	Air discharge		4 WAY (UP & DOWN)							
	Operation		WIRELESS REMOTE CONTROL							
Condensate drainage			AUTOMATIC MOTOR PUMP							
Air Filter			WASHABLE FILTER							
Discharge grille / panel	Width	mm		650	650	950	950	950	950	950
	Depth	mm		650	650	950	950	950	950	950
	Height	mm		50	50	45	45	45	45	45
Open hole for installation			mm	600 x 600	600 x 600	880 x 880	880 x 880	880 x 880	880 x 880	880 x 880
Unit Dimension	Width	mm		575	575	840	840	840	840	840
	Depth	mm		575	575	840	840	840	840	840
	Height	mm		261	261	230	300	300	300	300
Net Weight			kg	16.5	16.5	25	31	31	31	32

All the specifications are subject to change by the manufacturer without prior notice.

Note : The nominal cooling capacity is base on entering / leaving chilled water temp. 7 / 12°C ; indoor on coil temp. 27 / 19°C (DB / WB).

Chilled Water Low Static FCU

Slim design, low noise and superior cooling comfort for various interior decoration and design concept



Features

- Dynamic centrifugal fan with low noise and strong air flow.
- Completed with 3/4" Mbsp internal thread piping connection.
- Anti-mould and long lasting washable saran net air filter.
- Durable galvanize steel casing.
- Innovative evaporator coil with anti corrosion hydrophilic coated slit fins and inner grooves copper tubes to maximize the cooling capacity.

Specifications

MODEL			INDOOR	TFCR 300E	TFCR 400E	TFCR 500E	TFCR 600E	TFCR 800E	TFCR 1000E	TFCR 1200E	TFCR 1400E
NOMINAL CAPACITY			Btu/hr	10,850	13,800	16,780	19,890	27,680	31,730	40,260	44,360
			kW	3.18	4.04	4.92	5.83	8.11	9.30	11.80	13.00
Power Supply			V/Ph/Hz	220-240 / 1 / 50							
Chilled Water Flow Rate			usgpm	2.4	3.2	4.0	4.4	6.2	7.0	8.9	9.8
Chilled Water Pressure Drop			ftwg	8.4	6.0	7.0	10.0	10.0	13.0	9.4	16.4
Chilled Water Piping Connection	In	inch	Ø3/4" INTERNAL THREAD								
	Out	inch	Ø3/4" INTERNAL THREAD								
Drainage			Ø3/4" EXTERNAL THREAD								
Motor	Type		3 SPEED P.S.C								
	Power Input	Watt		75	90	110	150	178	228	270	340
	Rated Current	A									
Fan	Type		CENTRIFUGAL / DIRECT DRIVE								
	Air Flow	CFM		306	400	500	606	812	1006	1200	1412
	ESP	inwg		0.25							
	Quantity			2			3		4		
	Sound Level	db(A)		44	47	47	50	52	54	54	56
Evaporator Coil	Face Area	ft²		1.3	1.5	1.7	1.9	2.6	3.0	3.3	4.1
	Rows / FPI			3 / 12							
	Tube			SEAMLESS COPPER TUBE							
	Fin			ALUMINIUM SLIT FIN							
Air Filter				WASHABLE FILTER							
Unit Dimension	Width	mm		470	470	470	470	470	470	490	490
	Depth	mm		805	895	995	1105	1435	1635	1765	1765
	Height	mm		240	240	240	240	240	240	250	300
Net Weight			kg	17	17	18	20	27	31	34	39

All the specifications are subject to change by the manufacturer without prior notice.

Note : The nominal cooling capacity is base on entering / leaving chilled water temp. 7 / 12°C ; indoor on coil temp. 27 / 19°C (DB / WB).

Chilled Water Medium Static FCU

Horizontal Blow Ducted Unit



THCB 30 / 40 F



THCB 50 / 60 / 70 F

Features

- Dynamic centrifugal fan with low noise and strong air flow.
- Completed with 3/4" Mbsp internal thread piping connection.
- Anti-mould and long lasting washable saran net air filter.
- Durable galvanize steel casing.

Specifications

MODEL		INDOOR	THCB 30F	THCB 40F	THCB 50F	THCB 60F	THCB 70F
NOMINAL CAPACITY		Btu/hr	32,000	42,000	52,000	62,000	72,000
		kW	9.38	12.31	15.24	18.17	21.10
POWER SUPPLY		V/Ph/Hz	220-240 / 1 / 50				
Chilled Water Flow Rate		usgpm	6.9	8.6	10.6	12.6	14.6
Chilled Water Pressure Drop		ftwg	9	9.0	13.0	16.0	16.0
Chilled Water Piping Connection	In	inch	Ø3/4" INTERNAL THREAD				
	Out	inch	Ø3/4" INTERNAL THREAD				
Drainage			Ø3/4" EXTERNAL THREAD				
Motor	Type		3 SPEED P.S.C				
	Power Input	Watt	350	350	550	800	950
	Rated Ampere	A					
	Rated Ampere	A	1.59	1.59	2.5	3.64	4.32
Fan	Type		CENTRIFUGAL / DIRECT DRIVE				
	Air Flow	CFM	1000	1200	1600	1800	2200
	ESP	inwg	0.5				
	Quantity		1	1	2	2	2
	Sound Level	db(A)	60	60	62	63	66
Evaporator Coil	Face Area	ft²	2.68	2.68	3.8	3.8	4
	Rows / FPI		3 / 16	3 / 16	3 / 16	3 / 16	3 / 16
	Tube		SEAMLESS COPPER TUBE				
	Fin		ALUMINIUM SLIT FIN				
Air Filter			WASHABLE FILTER				
Unit Dimension	Width	mm	946	946	1290	1290	1290
	Depth	mm	816	816	816	816	816
	Height	mm	400	400	400	400	400
Net Weight		kg	57	57	83	84	85

All the specifications are subject to change by the manufacturer without prior notice.

Note : The nominal cooling capacity is base on entering / leaving chilled water temp. 7 / 12°C ; indoor on coil temp. 27 / 19°C (DB / WB).



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