

DUCTED FAN COIL UNIT

MODEL: CCHMS-(DX / CW)

CAPACITY: 1.0 to 5.0 Tons

12,000 to 60,000 BtuH

3.5 to 17.6 KW

EXTERNAL STATIC PRESSURE: 80 PA



Features/Benefits

Concealed ceiling units are built into the false ceiling, leaving only the suction and discharge grilles visible. Because of this the grilles can be placed wherever you want and blend with any interior decor. The grilles allow uniform temperature distribution in large or heavily partitioned areas. Not only are concealed ceiling units visually unobtrusive, they are also among the quietest types of air conditioning.

TECHNICAL SPECIFICATION

The unit with plenum is fabricated from electro - zinc coated steel sheet. The cabinet is finished in WHITE powder coating for protection against rust. The exterior panels are insulated with Polyethylene Foam. The insulation is affixed to the casing with the water proof adhesive.

DX COIL AND HYDRONIC COIL

The coil consists of full face coil with counterflow circuits, seamless 3/8 inch 00 staggered copper tubes mechanically bonded into aluminium fins with a maximum of 12 fins per inch. Each coil is degreased internally and externally, brazed in nitrogen atmosphere, leak tested at 350 psig and completely dehydrated before assembly.

BLOWER

The blower is the double inlet, forward curved centrifugal type and statically and dynamically balanced.

MOTOR

3 - Speed

FILTERS

Air filters are cleanable type.

CONDENSER REMOVAL

Drip pan with water - repellent type insulation to ensure positive removal of all condensation and prevent condensation on the underside of the drip pan. The unit shall have double drain tray with separate drain connection.

PERFORMANCE DATA

		INDOOR UNIT					
MODEL: CCHMS		400	600	1000	1200	1600	2000
Nominal Capacity	BTUH	12,500	20,000	30,000	36,000	50,000	60,000
	Tons	1.00	1.80	2.50	3.00	4.17	5.00
	WATT	3,660	5,860	8,784	10,541	14,641	17,569
Evaporator Blower	TYPE	Multi Blade Centrifugal Blower					
Air Flow Rate	CFM	400	600	1000	1,200	1,600	2,000
	CMH	680	1,020	1,700	2,040	2,720	3,400
Motor							
Rated Power Input	WATT	120	190	120 x 2	190 x 2		
Rated Current	AMP	0.98	1.45	0.98 x 2	1.45 x 2		
Power Supply	V / P / Hz	220 / 1 / 50 / 60					
Coil							
Type	Aluminium Louver Slit Fin With Innergroove Copper Tube						
Static Pressure	80						
Air Filter	Washable Pp. Net						
Insulation	5 mm Rubber For Casing / 5 mm Polyethylene For Drain Pan						
Connection							
Suction Line	INCH (OD)	1/2	5/8	3/4			
Liquid Line	INCH (OD)	3/8			1/2		
Water In & Out	INCH (OD)	1/4					
Dimension							
Width	mm.	829		930	1184	1413	
Height	mm.	275	400				
Depth	mm.	776					

NOTE: Capacity Are Base On 28 °C DB, 19 °C WB Entering
35 °C Ambient Temp., 7 °C Suction Temp..

SPECIFICATIONS AND DESIGN ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.