

SH (SH_W for water coil)

Medium Static

Ducted Fan Coil Unit

80 Pa External static

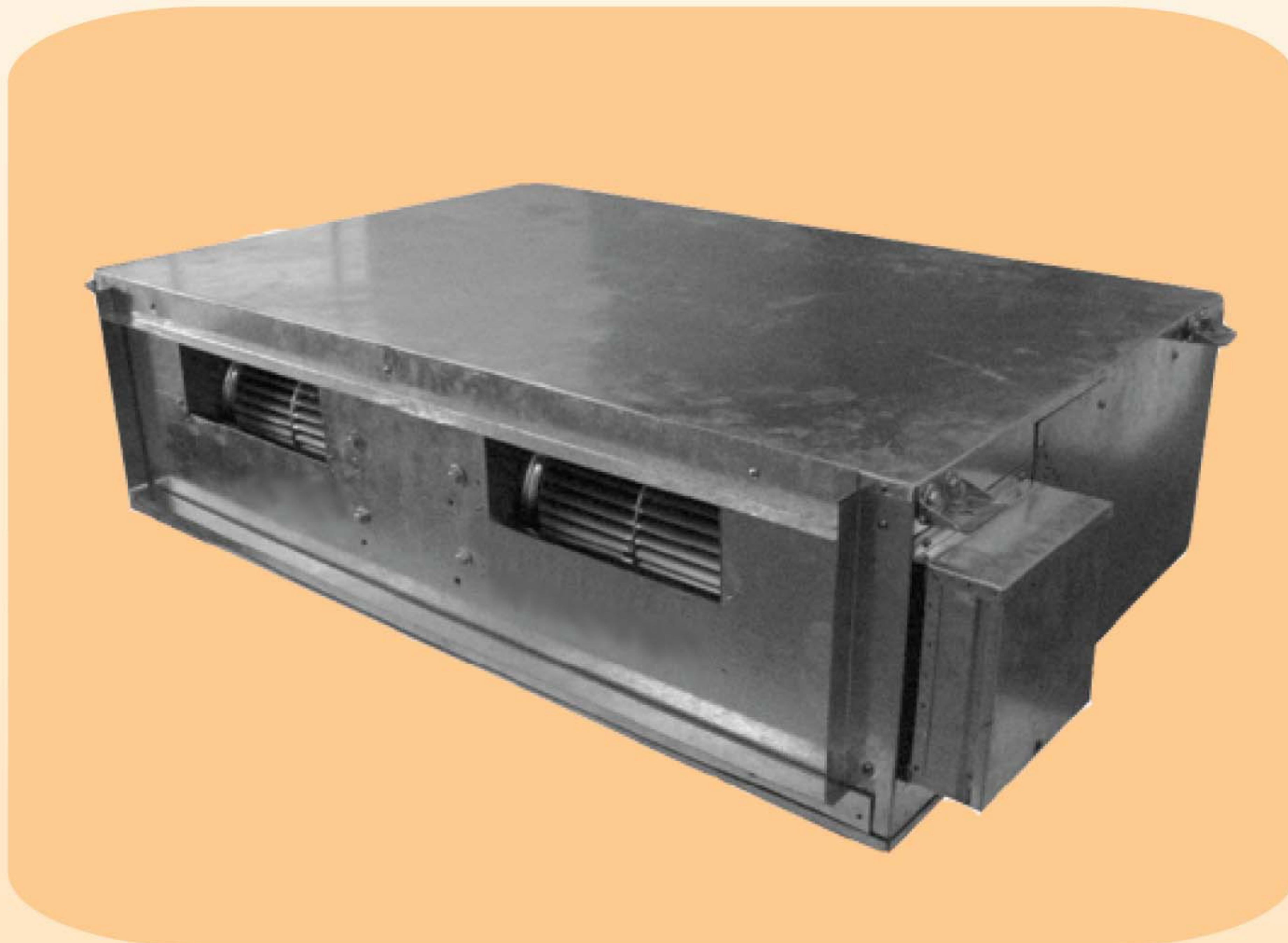
Modern SLIM design

Capacity Range From

24,000 to 60,000 BTU/h

(7.0 kw - 17.6 kW)

**Cooling Only or
Heatpump**



Description :

- The SH Ducted Fan Coil unit are suitable for ceiling concealed mounted.
- Draw Thru type with Return Air Plenum.
- Direct Expansion.
- Hydronic or Chilled Water system are also available.
- Suitable for Cooling only or Cooling and Heatpump application(SHJ).

Options :

- Electric heater box.
- Hot water coil.

Features :

- Super SLIM design, unit height is only 314 mm for model 800 and 1200 and only 344 mm for model 1600 and 2000.
- Wide range of indoor airflows from 800 to 20000 CFM.
- Durable construction.
- Air filters.

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TECHNICAL SPECIFICATION

The unit with plenum is fabricated from 0.9 mm. thickness. The exterior panels are insulated wiht 10 mm. thick 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 OD staggered copper tubes mechanically bonded iinto aluminium fins with a maximum of 12 fins per inch. Ench 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 contrifugal type and statically and dynamically balanced.

MOTOR

3 - Speed

FILTERS

Air filters are cleanable aluminuim type.

CONDENSTER 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

MODEL FAN COIL UNIT		SH / SH W	800	1200	1600	2000
NOMINAL COOLING CAPACITY		BTUH	25,000	36,000	50,000	60,000
		kW	7.32	10.54	14.64	17.57
NOMINAL HEATING CAPACITY		BTUH	26,000	37,000	51,000	61,000
		kW	7.61	10.83	14.93	17.86
AIR FLOW RATE AT HIGH SPEED 50-60Hz		CFM	800	1,200	1,600	2,000
		CMH	1,360	2,040	2,720	3,400
		L/s	379	569	758	948
FAN COIL UNIT		Type	FLOOR & CEILING CONCEAL			
EVAPORATOR	BLOWER	Type	MULTI BLADE CENTRIFUGAL BLOWER			
	MOTOR	Input Watt	680		800	
		Amp	2.7		3.2	
	POWER SUPPLY	Volt/Phase/Hz	220-240/1/50			
	COIL	Type	ALUMINIUM LOUVER SLIT FIN WITH INNERGROOVE COPPER TUBE			
		ESP (Pa)	80			
		Face Area (Ft ²)	2.92		4.67	
	THERMOSTAT		Type	WIRED REMOTE CONTROL		
AIR FILTER		Type	WASHABLE PP.NET			
INSULATION		Type	10 mm Rubber for Casing/ 5 mm Polyethylene for Drain pan			
CONNECTION		DX	Suction(IN.OD.)	5/8"	3/4"	
			Liquid(IN.OD.)	3/8"		1/2"
		WC	Water in & Out(IN.OD.)	1/4"		
DIMENSION UNIT		Width (mm.)	913		1217	
		Height (mm.)	314		344	
		Length (mm.)	760		830	

** Based on 80°F DB 67°F WB Air Entering Temp. and 95°F DB 75°F WB Ambient Temp.
Specifications Subject to Change Without Notice

