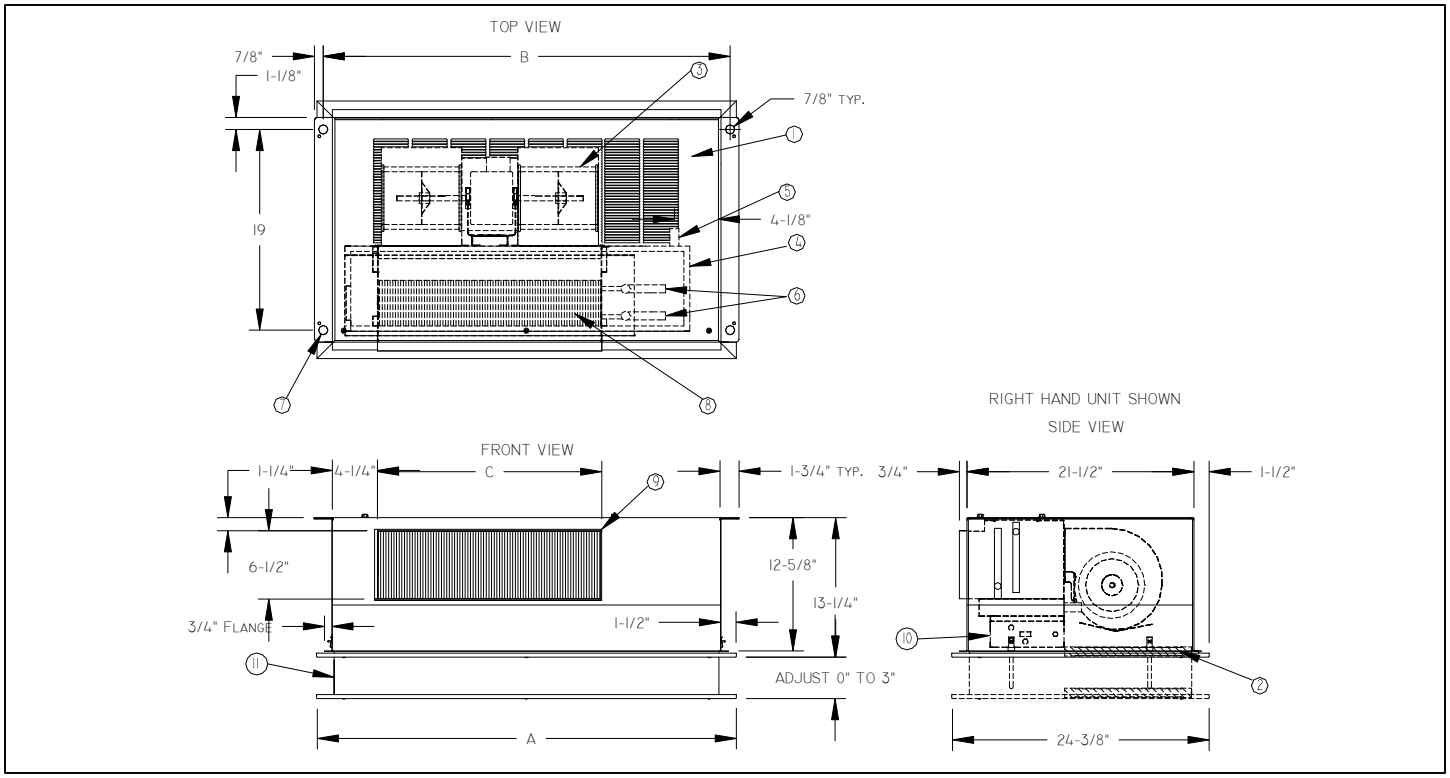
THC

Fan Coil Unit
Horizontal Basic Recessed Cabinet



Model	Dimensions (inches)					Approx. Weight (lb)
	A	B	C	D	Filter	
THC02	32 5/8	31 1/2	14 1/4	5/8	24x12x1	100
THC03	35 5/8	34 1/2	17 1/4	5/8	28x12x1	115
THC04	41 5/8	40 1/2	23 1/4	5/8	28x12x1	130
THC06	50 5/8	49 1/2	32 1/4	5/8	42x12x1	145
THC08	58 5/8	57 1/2	40 1/4	5/8	50x12x1	170
THC10	68 5/8	67 1/2	50 1/4	7/8	(2)30x12x1	200
THC12	78 5/8	77 1/2	60 1/4	7/8	(2)34x12x1	225

1. Return air grille (bottom return shown)
2. Filter
3. Blower / motor assembly
4. Condensate pan
5. Drain connection - 3/4" MNPT
6. Chilled water connections (supply and return) O.D. = 'D'; Hot water connections = 5/8" O.D.
7. Mounting holes with rubber grommets
8. Coil assembly
9. Supply air duct collar
10. Control/Electrical box
11. Telescoping return air frame

Accessories (Optional)

Check ☑ if provided.

- ☐ Thermostat_____
- ☐ Control Transformer & Fan Relays
- ☐ Aquastat Changeover Switch
- ☐ Washable Filter
- ☐ Unit Disconnect Switch
- ☐ Fuse
- ☐ Special Color_____(specify)

Accessories (Optional)

Coil - 3/8" O.D. Copper Tube; 10 Fins/Inch Aluminum, Sine Wave

2-Pipe

☐ 2-Row (STD.) ☐ 3-Row (STD.) ☐ 4-Row ☐ 5-Row

4-Pipe (Cooling Rows/Heating Rows)

☐ 2/1-Row ☐ 3/1-Row ☐ 3/2-Row ☐ 4/1-Row

☐ Chilled Water Cooling ☐ Hot Water Heating

☐ Glycol Cooling ☐ Glycol Heating

Motor(s) – 3-speed PSC

Standard

115V/60Hz/1ph

Model	HP	Total Amps
THC02	1/20	0.8
THC03	1/20	0.8
THC04	1/20	0.8
THC06	1/10	1.5
THC08	1/10	1.5
THC10	2 x 1/10	2 x 1.5
THC12	2 x 1/10	2 x 1.5

Optional:

☐ 208V/60Hz/1ph.

☐ 230V/60Hz/1ph

☐ 277V/60Hz/1ph

Features:

- Automatic Reset
- Thermal Overload Protection System

Electric Heat (Single Phase)

Heater Voltage

☐ 115V

☐ 208V

☐ 230V

☐ 277V

		Electric Heater kW Primary or Supplementary			
		115 Volts	208 Volts	230 Volts	277 Volts
Size	Blowers	Min-Max kW	Min-Max kW	Min-Max kW	Min-Max kW
02	1	1-2 kW	1-2 kW	1-2 kW	1-2 kW
03	1	1-3 kW	1-3 kW	1-3 kW	1-3 kW
04	2	1-4 kW	1-4 kW	1-4 kW	1-4 kW
06	2	1-4 kW	1-6 kW	1-6 kW	1-6 kW
08	2	1-4 kW	1-8 kW	1-8 kW	1-8 kW
10	4	2-4 kW	2-9 kW	2-10 kW	2-10 kW
12	4	2-4 kW	2-9 kW	2-10 kW	2-12 kW

Pan

- ☐ Galvanized (STD.)
- ☐ Safety (Two) Drain Connection
- ☐ Extended Pan
- ☐ Mastic Coating
- ☐ Stainless Steel Inner Layer
- ☐ Marine (3" Deep)
- ☐ Marine with Anti-Slosh Media
- ☐ Safety Overflow Float Switch*

Description: Inner and Outer Layer of 18 gauge Galvanized Sheet Metal with One - Inch Internal Insulation

*24V, requires transformer and fan relay if not obtained with a 24V thermostat.

Valves and Valve Accessories

- ☐ Shut - Off Valve(s)
- ☐ Shut - Off Valve w/ Memory Stop
- ☐ 2 - Way Motorized Valve
- ☐ 3 - Way Motorized Valve
- ☐ 2 - Way Modulating Valve
- ☐ Strainer(s)
- ☐ Manual Flow Control Valve(s)
- ☐ Automatic Flow Control Valve(s)
- ☐ Unions
- ☐ Pete's Plug(s)

General Description

- This horizontal discharge, attractively styled, cabinet unit is ideally suited for over-ceiling applications. The telescopic bottom frame with a full 3 inch vertical adjustment and hinged panel fits any ceiling type.
- Hinged bottom panel fabricated of 18 gauge galvanealed steel with Rock Beige or White powder-coated paint. Cabinet is 18 gauge galvanized sheet metal lined with ½" matte-faced liner for maximum thermal and acoustical insulation.
- Removable motor/blower assembly.
- Throwaway filter.
- Manual air vent.
- System charged with air to insure a leak free arrival at the job site.

This submittal is meant to demonstrate general dimensions of this product. The drawings are not meant to detail every aspect of the product. Drawings are not to scale.

Superior Rex reserves the right to make changes without written notice.

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