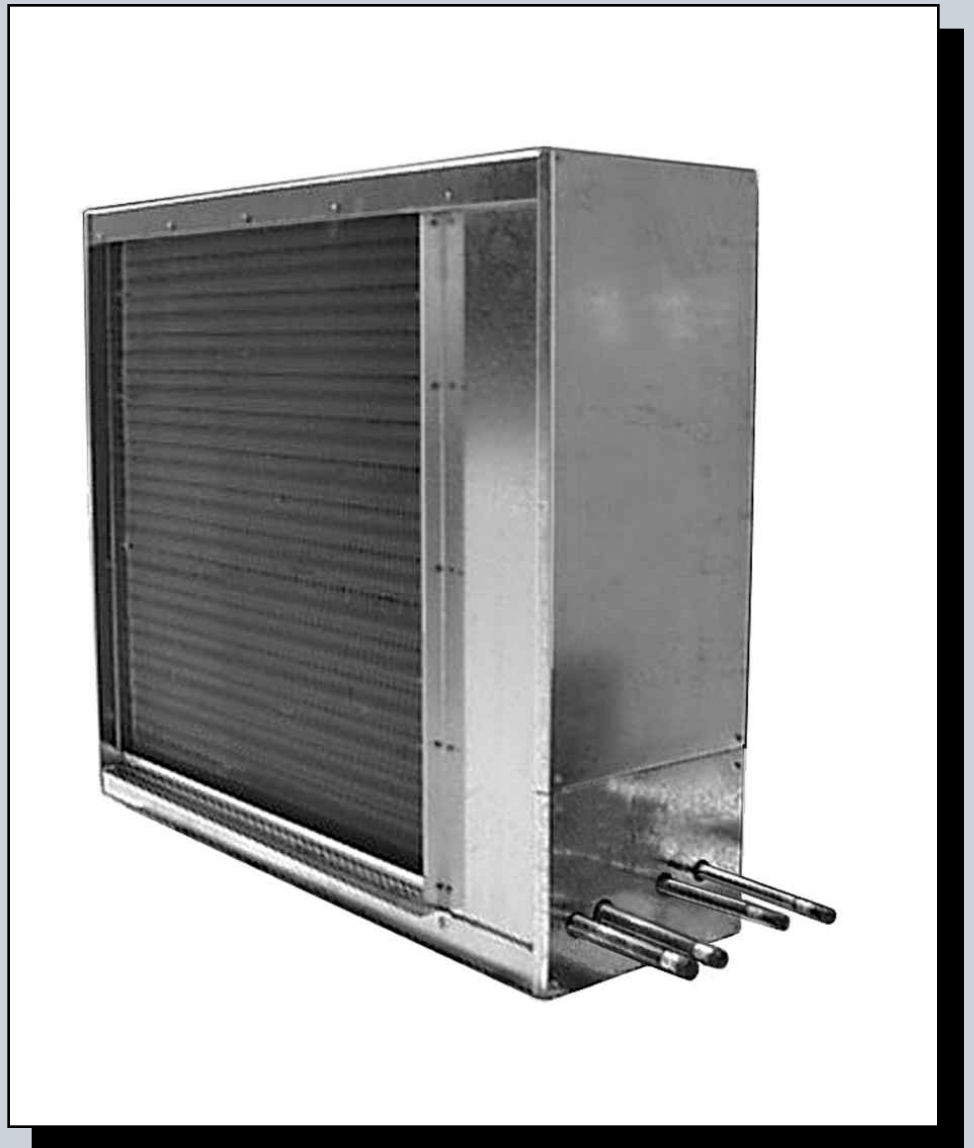
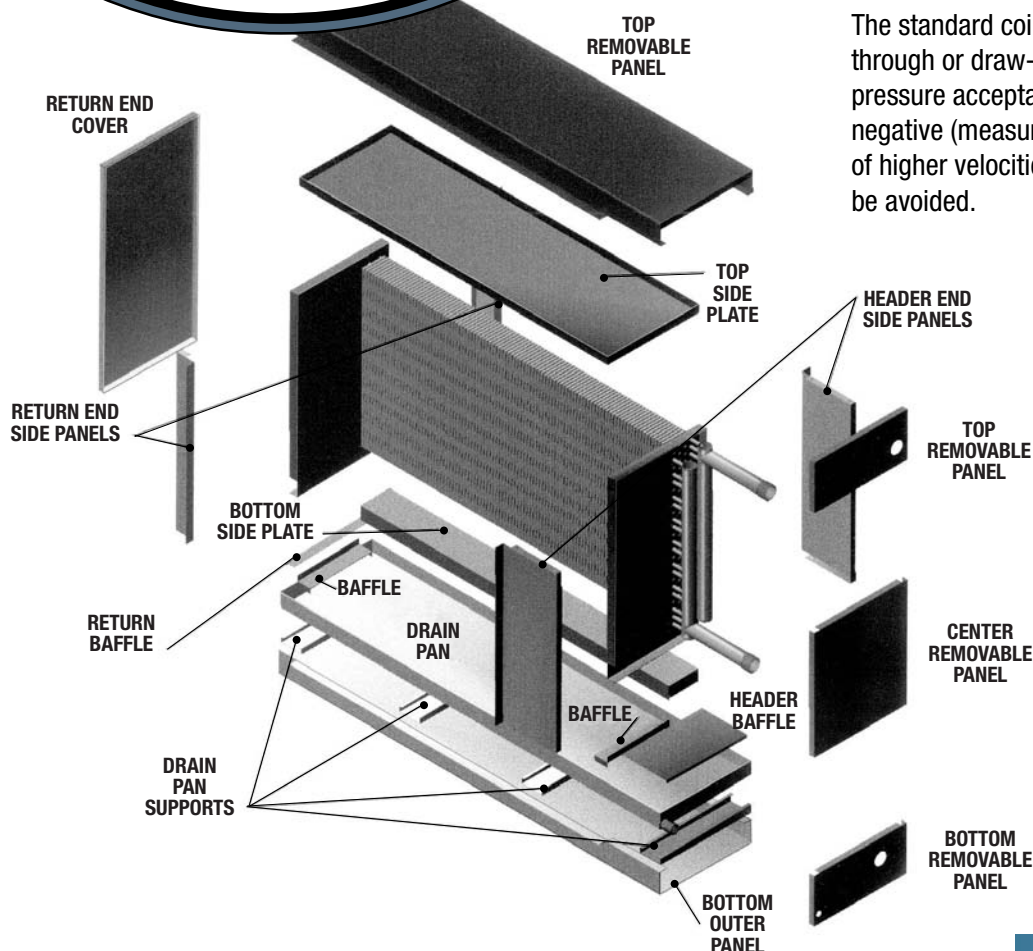
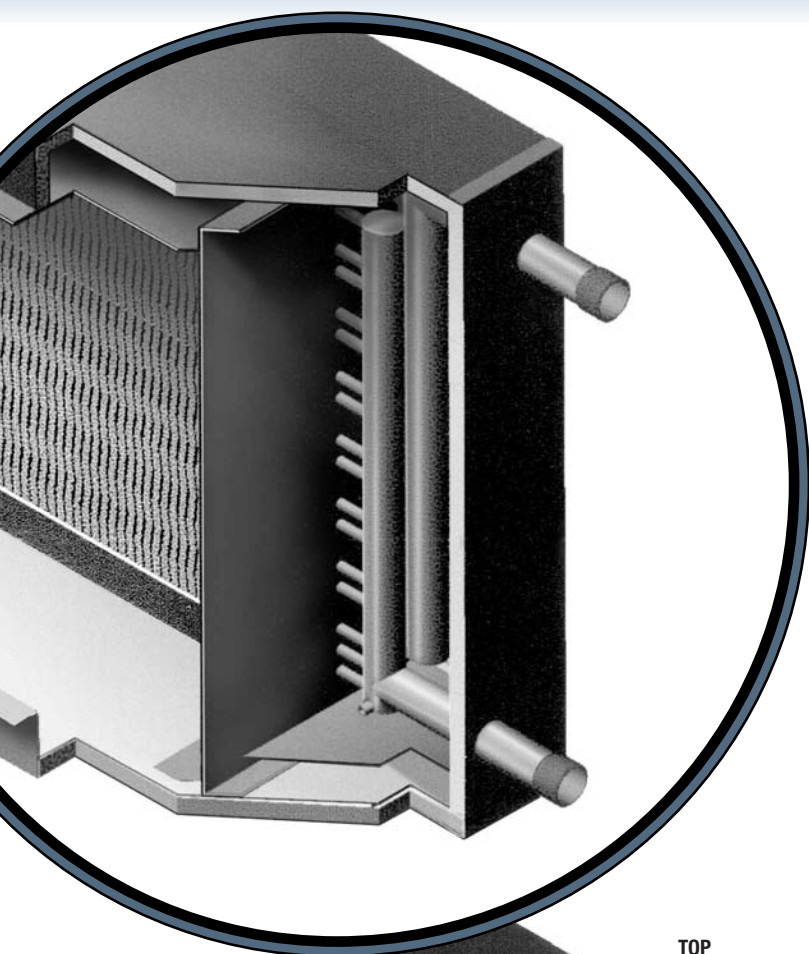




Insulated Coil Box



INSULATED COIL BOX



Standard Box Construction

- 16-gage galvanized sheetmetal housing (unpainted)
- 1" / 1 1/2 lbs. sq. ft. insulation open face (not exposed to the air stream)
- Panel access to the headers and return bends
- 16-gage galvanized drain pan with mastic coating (stainless steel drain pan is available as an option)
- 1" FPT drain coupling in drain pan
- Offset fin pack to maximize performance and drainage
- 1 1/2" duct flanges on entering and leaving airside of coil housing
- 6" connection stub outs on all coil models
- Sloped drain pan

Standard Box Sizes Available

- Finned height = 12" to 48" in 1 1/2" increments
- Finned length = 12" to 128" in 1/2" increments

Recommendations: Face Velocities and Static Pressure

- Maximum of 500 FPM — up to 48" FH x 120" FL with 8 FPI or less
- Maximum of 450 FPM — up to 48" FH x 120" FL with 9 FPI or greater

The standard coil box design will accept either a blow-through or draw-through application. The maximum static pressure acceptable would be 2" w.g. positive or -1" w.g. negative (measured on inlet side of coil). Localized areas of higher velocities can cause water carry over and must be avoided.

Standard Delivery

Standard delivery is four weeks after the order is released for fabrication.

Options: Contact Factory

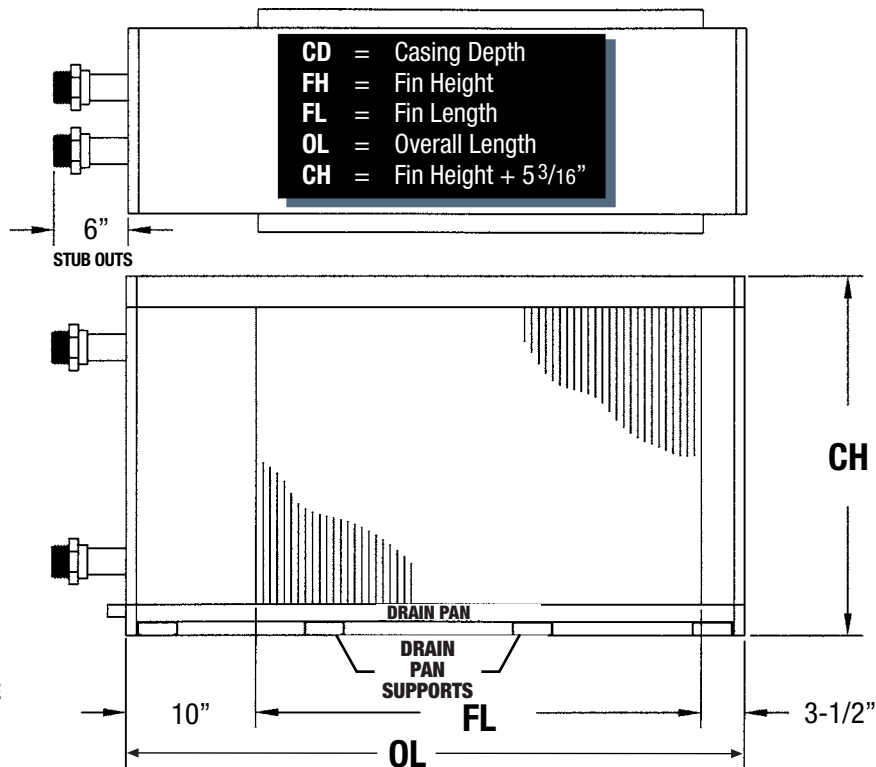
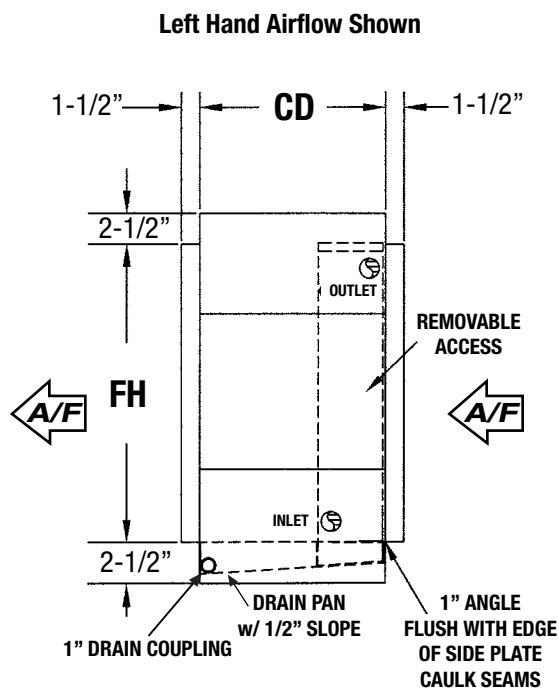
- FH up to 72"
- FL up to 180"
- Intermediate Drain Pan
- S.S. Drain Pan
- Multiple Coils
- Welded Steel Bases
- Painted Boxes
- Double Wall Construction
- Mounted Filter Rack
- Mounted TXVs
- Mounted Hot Gas By-Pass Connection

INSULATED COIL BOX DRAWINGS

Standard Casing Depth	Row	1	2	3	4	6	8	10
	CD with Drain Pan	15"	15"	18"	18"	20"	24"	28"
	CD without Drain Pan	8"	8"	8"	10"	12"	16"	18"

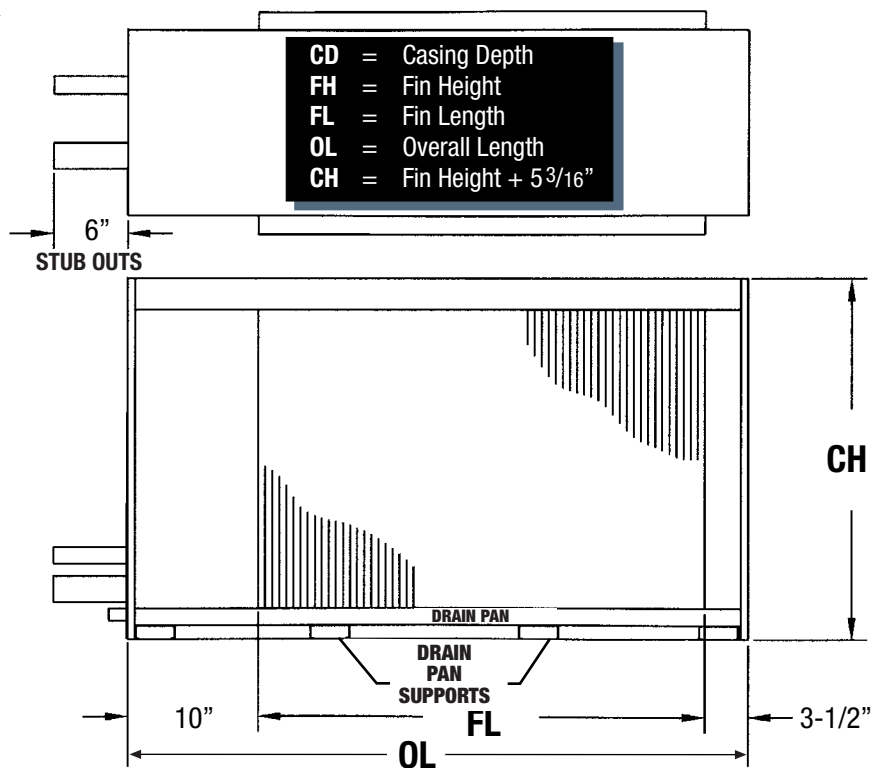
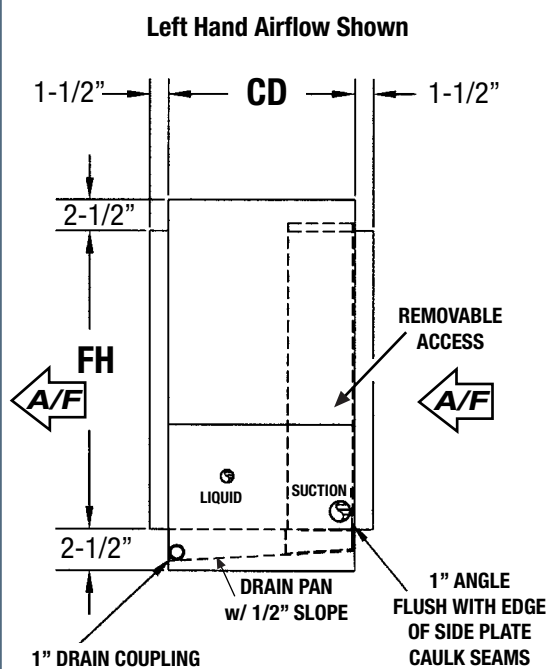
Chilled or Hot Water Coil

with Insulated Housing and Drain Pan



Single Circuited DX Coil

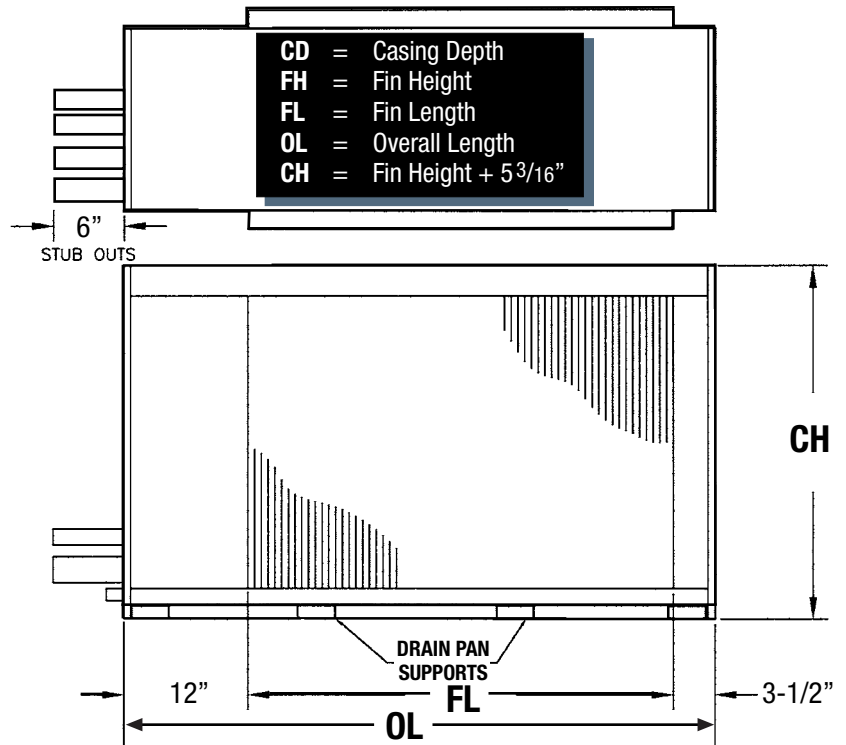
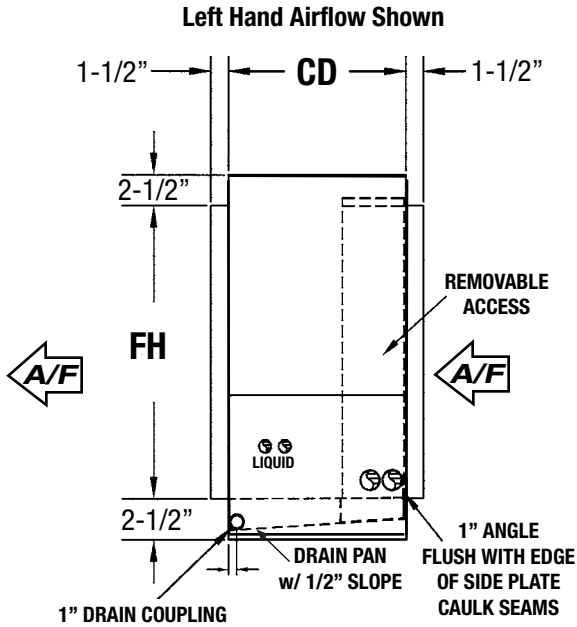
with Insulated Housing and Drain Pan



INSULATED COIL BOX DRAWINGS (continued)

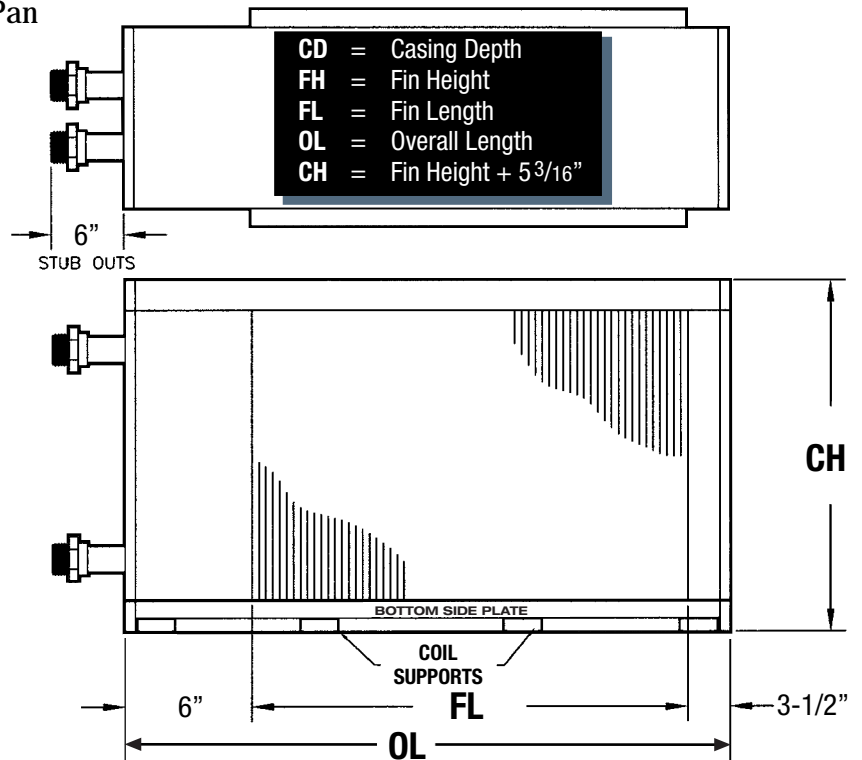
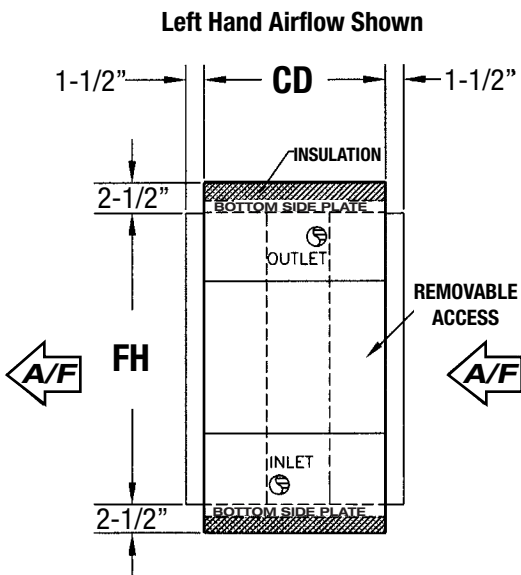
Dual Circuit Intertwined DX Coil

with Insulated Housing and Drain Pan



Chilled or Hot Water Coil

with Insulated Housing and No Drain Pan



www.RAE-CORP.com

