

IPS Fan Coil - Vertical Stack Series

Typical Shop Drawing

300 CFM to 1200 CFM

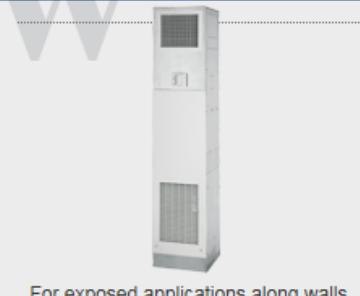
Easy Riser Basic (ER-B)



For concealed application virtually anywhere in the room, the Easy Riser Basic Vertical Stack (ER-B) comes standard in a heavy-gauge 88 galvanized steel cabinet, insulated with 1/2" thick, neoprene-coated fiberglass. This standard unit features a 1/2" OD copper tube coil, slide-out blower assembly with quick-disconnect plug, insulated drain pan and filter. Risers are ordered separately due to size changes throughout the building.

300 CFM to 1200 CFM

Easy Riser Deluxe (ER-D)



For exposed applications along walls and in corners, the Easy Riser Deluxe Vertical Stack (ER-D) is the model of choice. In addition to the same internal features as the ER-B, the Easy Riser Deluxe is constructed with a fully finished epoxy, powder-coat exterior and subjected to a 500-hour salt spray test in accordance with ASTM B117.

300 CFM to 1200 CFM

Designer Riser Basic (DR-B)



The Designer Riser Basic Vertical Stack (DR-B) is for concealed applications along walls and in corners. This model comes standard in an extended 97 galvanized steel cabinet, insulated with 1/2" thick neoprene-coated fiberglass. Like the ER-B, this unit features a 1/2" OD copper tube coil, slide-out blower assembly with quick-disconnect plug, insulated drain pan and filter.

300 CFM to 1200 CFM

Designer Riser Deluxe (DR-D)



The Designer Riser Deluxe Vertical Stack (DR-D) is for exposed applications also along walls and in corners. In addition to the same internal features as the DR-B, the Designer Riser Deluxe's 97 cabinet includes a fully finished epoxy, powder-coat exterior and is subjected to a 500-hour salt spray test in accordance with ASTM B117.

300 CFM to 1200 CFM

Easy Riser Master/Slave Vertical Stack (ER-M & ER-S)



The Easy Riser Master/Slave Vertical Stack units have the same internal components as our Basic model, yet are designed to share a common riser set. The Master/Slave combination features two separate units piped to a common set of risers, each with individual valves and controls. The ER-M and ER-S come in an 88 galvanized steel cabinet.

300 CFM to 1200 CFM

Designer Riser Master/Slave Vertical Stack (DR-M/DR-S)



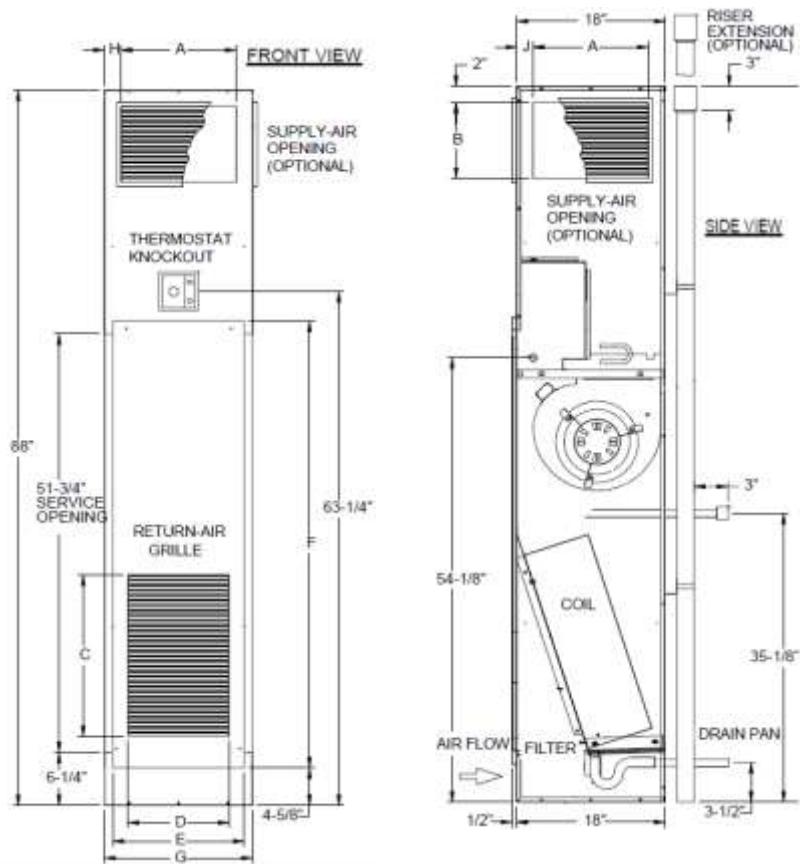
The Designer Riser Master/Slave Vertical Stack units have the same internal components as our Basic model, yet are designed to share a common riser set. The Master/Slave combination features two separate units piped to a common set of risers, each with individual valves and controls. The ER-M and ER-S come in a 97 galvanized steel cabinet.

300 CFM to 1200 CFM

TwinPack Vertical Stack



The TwinPack is a master/slave combination that is pre-piped and housed in a common cabinet assembly at the factory. TwinPack Vertical Stack units include a UL 1-Hour Through Penetration Firestop W-L-7089 system. Local codes may dictate exact amount and placement of drywall. Each unit has its own set of valves and controls.



General Technical Data

Unit Type	Unit Size	Rated CFM	GPM	P.D. - FT. H ₂ O	Cooling Capacity		Power Input Watts
					Total Cooling BTUH	Sensible Cooling BTUH	
ER	3	350	2.5	3.4	12,600	8,300	134
ER	4	360	3.3	5.6	13,900	9,200	143
ER	6	680	4.4	2.3	20,800	16,200	188
ER	8	900	4.8	9.3	23,500	17,300	293
ER	10	910	6.1	6.2	28,400	19,600	298
ER	12	1,100	7.8	6.4	39,300	26,100	383
DR	003	310	2.1	2.1	10,100	7,300	105
DR	004	390	2.5	2.9	11,800	8,600	138
DR	005	525	3.0	3.8	14,800	11,700	
DR	006	580	4.0	7.5	19,100	13,200	224
DR	008	750	4.8	8.4	23,100	17,000	282

Notes: Based on 80° DB and 67° WB EAT, 45° F EWT, 10° F temperature rise, high fan speed. Motor voltage 115/1/60 power source.

Air flow under dry coil conditions. Water pressure drops shown in feet of water.

Note: Williams Furnace Company® may change the design and product specifications at any time. Contact ABS or the factory for current information.