

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)



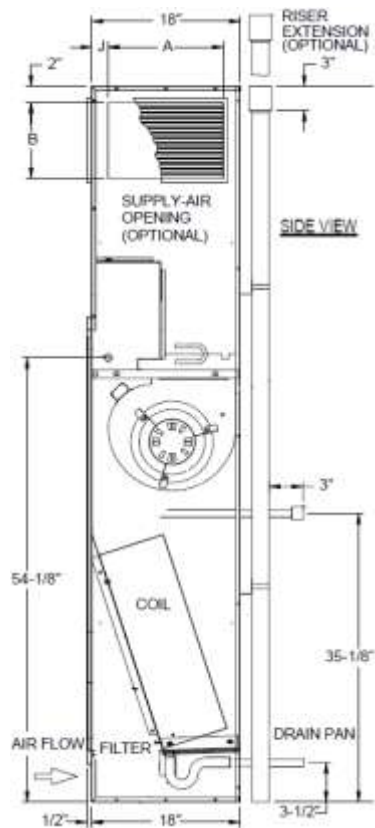
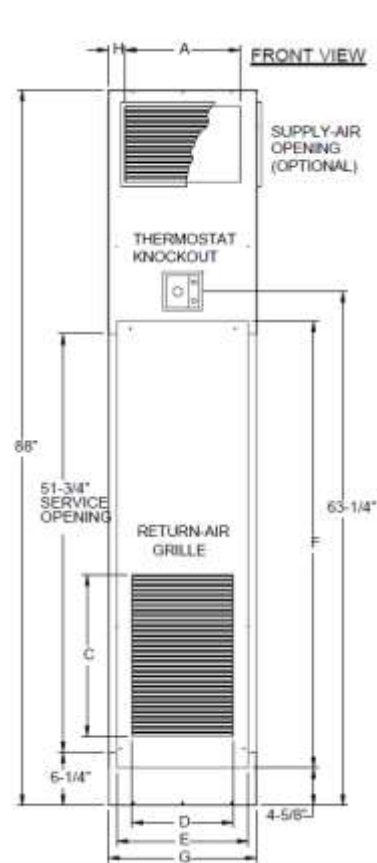
The Designer Riser Master/Slave Vertical Stack units have the same internal components as our Basic model, yet are designed to share a common riser set. The Master/Slave combination features two separate units piped to a common set of risers, each with individual valves and controls. The ER-M and ER-S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