The Whalen Company

Innoline® Riser Fan Coils

Over five decades ago, with its breakthrough engineering and proven advantages, the Whalen Innoline® Riser Fan Coil changed the conventional thinking about the design of heating and cooling systems. Since then, both the Innoline® Riser Fan Coil and The Whalen Company have continued to chart their own course, even as the vertically stacked market has become crowded with "me-too" valve control products.

The Innoline® Riser Fan Coil unit remains a one-of-kind innovation. And in the way it interacts with its customers, so is the Whalen Company. At Whalen, our communication with customers has led to a series of enhancements to the Innoline® Riser Fan Coil, as it has with our other products. That interaction involves listening carefully— being adaptable, flexible, and innovative. We don't mass-produce Innoline® Riser Fan Coils in fixed sizes or configurations that limit customer choices. We manufacture them to individual specifications or needs, so that designs of buildings and spaces fit the aesthetic and economic priorities of the owners — not the constraints of an HVAC unit. Below is a list of Innoline® Riser Fan Coil enhancements through the years.

Innoline® Riser Fan Coil Enhancements

1982

- Type M Wall Copper
- Galvanized Drain Pans with Spray-In Mastic
- All Internal Parts were G60 Galvanized Metal
- Condensate Drain - Limited Access
- 1/2 Inch Fiberglass Insulation **(Standard)**
- Limited Access to Top of Unit (Through Discharge Opening)

- Manual Air Vents on Top of Coil
- 6 Inch Thermostat Wires out Front/Top of Cabinet
- Disconnect **(Option)**, Fuse Disconnect **(Option)**
- Motor Option: Shaded Pole **(Standard)**, PSC **(Option)**

2020

- Type M Wall Copper **(Standard)**, Type L Wall Copper **(Option)**. Type L has greater wall thickness
- T304 Stainless Steel Drain Pan No Coating **(Standard)**
- All Internal Parts are G90 Galvanized Metal
- Slip Coupling Drain for Better Access **(Standard)**
- 1/2 Inch Fiberglass Insulation **(Standard)**, 1/2 Inch Close Cell **(Option)**, 1/2 Inch Foil Face **(Option)**
- Sheet Metal Cover in Top Half of Unit (Drywalled Over)
- Larger Access Panel in Top Half of Unit
- Clean Out 1 & 1/4 Inch Round Hole with Plug in R/A opening **(Option)**
- Manual Air Vents on Top of Coil **(Standard)**, Auto Air Vent **(Option)**

- 6 Inch T-Stat Wires Out Front/Top of Cabinet **(Standard)**, Up to 50 ft T-Stat with 24V Control **(Option)**
- Disconnect **(Option)**, Certain Applications Circuit Breaker **(Option)**
- Motor: PSC **(Standard)**, ECM **(Option)** (Except Size 2/300)
- Condensate Overflow Switch **(Option)**
- Added 1/4 Inch Close Cell on Coil Side of Cabinet under 1/2 Inch of Insulation **(Standard)**
- Removable Core Return Air Grille for Filter Change Out Means no Need for Tools
- Increased Thermostat Options

Innoline® Riser Fan Coils

Still A One-Of-A-Kind Innovation, Now on a Whole New Level

Innoline® Riser Fan Coil System Capacities

Model	CFM	Fluid Velocity (FPS)	Cooling Capacity[1]			Heating Capacity[2]	
			EWT (°F)	TC (Btu/hr)	SC (Btu/hr)	EWT (°F)	TC (Btu/hr)
W200	222	6.0	45	5,834	4,985	140	9,838
W300	241	6.0	45	8,249	6,227	140	14,976
W300X	241	6.0	45	9,528	6,682	140	14,997
W400	362	6.0	45	11,692	8,889	140	16,797
W500	455	6.0	45	12,562	9,806	140	19,804
W600	580	6.0	45	15,710	12,531	140	23,771
W800	683	6.0	45	20,651	16,971	140	30,581

1 Rated in accordance with ARI Standard 440. Cooling capacities based on 80°F DB/67°F WB entering air, 45°F entering water, 10°F water temperature rise

2 Water heating coils rated at 70°F DB entering air, 140°F entering water, 20°F water temperature drop

Unit Size

	W202	W302	W302X	W402	W502	W602	W802
Width (in.)	12	12	14	16	16	18	18
Depth (in.)	14	14	14	14	14	16	16
Height (in.)	90	90	90	90	90	90	90

General Data

	W202	W302	W302X	W402	W502	W602	W802
Operating Weight - 2-Pipe System (lbs.)	103	103	123	138	138	188	188
Operating Weight - 4-Pipe System (lbs.)	123	123	143	158	158	208	208
Shipping Weight - 2-Pipe System (lbs.)	115	115	135	150	150	200	200
Shipping Weight - 4-Pipe System (lbs.)	135	135	155	170	170	220	220
Filter Size (in.)	7 x 33.5 x 0.5	7 x 33.5 x 0.5	9 x 33.5 x 0.5	9 x 33.5 x 0.5	9 x 33.5 x 0.5	11 x 33.5 x 0.5	11 x 33.5 x 0.5
Filter Quantity	1	1	1	1	1	1	1

AHRI CERTIFIED® www.ahridirectory.org Water Source HP ANSI/AHRI/ASHRAE/ISO13256-1

UL

MEMBER AHRI AIR-CONDITIONING, HEATING, & REFRIGERATION INSTITUTE

INTERTEK C ETL US LISTED

WL064   rev. 01-20