



Whispertherm™ with Whisperline® Chassis

INTEGRATED THERMAL RECOVERY UNIT

Whispertherm™ brings together Whalen's field-proven Whisperline® product with the means to deliver freshly-conditioned outdoor air. The Whispertherm™ integrated thermal recovery unit benefits the environmentally conscious owner by efficiently introducing the outdoor air into the occupied space. Rather than directly discarding exhaust air from the occupied space, its energy is transferred to the incoming fresh air. Less energy is required to bring this fresh air to the indoor conditions.

True to our commitment to offer flexible products that meet the design of the building rather than forcing conformity around product limitations, the Whispertherm™ unit may be applied to a variety of building designs. When combined with our Whisperline® product line, an efficient reverse cycle heat pump effectively conditions the occupied space year-round.

WHISPERTHERM™ BENEFITS

CERTIFIED PERFORMANCE: All

Whalen products undergo an extensive internal design procedure and are tested in our state-of-the-art psychrometric laboratory. Each product is independently tested and has AHRI Certified performance, meaning you can rest assured that our products will perform as expected.

INTEGRATED ENERGY RECOVERY MODULE:

Our integrated energy recovery module is fully removable for easy maintenance and capable of providing fresh air to the occupied space as well as exhausting multiple bathrooms.

SAFE, RELIABLE OPERATION:

Integrated controls provide freeze protection for the heating and cooling system as well as the energy recovery module. Built-in dampers eliminate wind or stack effect to ensure reliable ventilation rates.

INDOOR AIR QUALITY (IAQ):

Whispertherm™ units improve indoor air quality by providing fresh air to your occupied space. Each filter is washable and is standard with anti-mold, fungus, and bacteria protection.

CONSTANT FRESH AIR FLOW:

Each unit is programmed for a minimum constant air flow to provide the required outside air. Optional decorative wall controls provide intermittent high speed exhaust flow from one or two remote locations.

MULTIPLE VENTILATION RATES:

Each energy recovery module is shipped with a factory-set ventilation rate to balance the supply and exhaust air selected.

CONTROL VALVES: The

Whispertherm™ unit uses two two-way valves for variable-speed pump systems.

CABINET: Galvanized monocoque

construction: Designed to handle the rigors of installation while providing long-term performance.

REFRIGERATION CHASSIS:

Versatile removable-floating design with insulated compressor compartment and vibration isolation.



Whispertherm™ with Whisperline® Chassis For Fresh and Efficient Heating and Cooling

Whisperline® Water Source Heat Pump Capacities

Model	CFM	GPM	Water Loop Heat Pump				Ground Loop Heat Pump			
			Cooling 86°F		Heating 68°F		Cooling 77°F		Heating 32°F	
			Capacity Btuh	EER Btuh / W	Capacity Btuh	COP	Capacity Btuh	EER Btuh / W	Capacity Btuh	COP
V(T,R)-A-0204*G	280	1.5	6,200	13.2	8,000	5.3	6,600	14.2	4,600	3.2
V(T,R)-A-0304*G	340	2.5	9,300	14.4	11,500	5.4	9,650	15.4	6,850	3.3
V(T,R)-A-0404*G	440	3.3	12,000	14.0	14,500	5.2	12,700	16.0	9,400	3.3
V(T,R)-A-0504*G	540	3.9	15,000	16.1	18,200	5.5	15,500	17.0	10,800	3.2
V(T,R)-A-0604*G	655	4.5	18,200	15.2	21,600	5.1	19,000	16.2	13,000	3.3
V(T,R)-A-0804*D	830	6.0	23,000	13.1	30,000	5.0	25,000	14.5	19,000	3.2

Cooling based upon 80.6°F DB, 66.2°F WB entering air temperature

Heating based upon 68°F DB, 59°F WB entering air temperature

Performance based upon 208/60/1 voltage

Cabinet Dimensions

	V(T,R)-A-0204	V(T,R)-A-0304	V(T,R)-A-0404	V(T,R)-A-0504	V(T,R)-A-0604	V(T,R)-A-0804
Width (in.)	21	21	21	21	21	21
Depth (in.)	28	28	28	28	28	28
Height (in.)	84	84	84	84	84	84

Chassis General Data

	V(T,R)-A-0204	V(T,R)-A-0304	V(T,R)-A-0404	V(T,R)-A-0504	V(T,R)-A-0604	V(T,R)-A-0804
Compressor Type (208-230/60/1)	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Compressor Type (265/60/1)	Rotary	Rotary	Rotary	Rotary	Rotary	Scroll
Compressor Quantity	1	1	1	1	1	1
Whisperline® Chassis Operating Weight (lbs.)	79	81	83	122	123	132
Cabinet Operating Weight (lbs.)	260	260	260	260	260	260
Whisperline® Chassis Shipping Weight (lbs.)	85	87	89	128	129	138
Cabinet Shipping Weight (lbs.)	272	272	272	272	272	272
Filter Size	13 x 24 1	13 x 24 1	13 x 24 x 1	15 x 28 x 1	15 x 28 x 1	15 x 28 x 1
Filter Quantity	1	1	1	1	1	1