

Construction Features

Housing

- Low profile
- Ceiling mount
- 20 ga. coated galvanized steel
- Sensor-controlled fan defrost
- Easily removable door panel

General

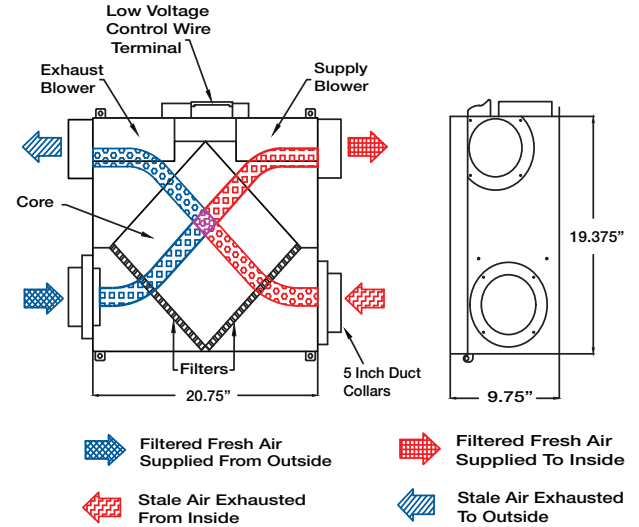
- AHU interlock, NC/NO low/high speed controls
- Cross flow energy recovery core
- Plug and hard wired connections available
- Mirrored configuration available
- Integral dehumidistat
- Weight: 34 lbs.
- Factory-balanced airflow
- Easily removable power pack
- MERV 6 filters (standard)
- MERV 13 filters (optional)
- UL 1812 compliant
- PSC Motor

Warranty

- 5 year core and parts warranty

Accessories

- PrecisionSYNC™ control
- 20/40/60 minute timers
- Dual intake/exhaust hood
- Two-speed humidity sensing switch
- Two-speed intermittent switch



Note: Door clearance of 25 in. (635 mm) is recommended for servicing unit.

All duct uses 5 in. (125 mm) round collars. MERV 13 upgrade: 485463

Drawing represents standard configuration, winter season operation

Energy Performance

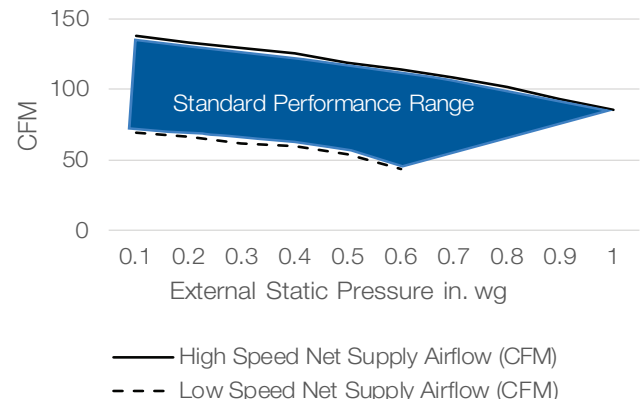
	Outdoor Air Conditions		Indoor Air Conditions		Net Airflow (CFM)	Power (Watts)	CFM/Watt	Sensible Recovery Efficiency	Apparent Sensible Effectiveness	Adjusted Sensible Recovery Efficiency	Latent Recovery	Total Recovery Efficiency	Adjusted Total Recovery Efficiency
	Temp	RH %	Temp	RH %									
Heating	32° F	75%	71.6° F	40%	49	60	0.82	69%	83%	78%	55%	-	-
					64	64	1.00	68%	79%	-	-	-	
					96	100	0.96	66%	74%	-	-	-	
Cooling	95° F	50%	75° F	50%	49	60	0.82	60%	73%	-	44%	45%	50%
					64	-	-	-	-	-	45%	-	
= HVI Certified Point													

Electrical Specifications	
Voltage	120V
Cycle	60hz
Amps	1.4A



Airflow Performance

Ext. Static Pressure (in. wg)	High Speed Net Supply Airflow (CFM)	Power (Watts)	CFM/Watt
0.1	138	154	0.90
0.2	133	152	0.88
0.3	129	149	0.87
0.4	125	147	0.85
0.5	119	144	0.83
0.6	114	141	0.81
0.7	108	137	0.79
0.8	102	135	0.76
0.9	93	130	0.72
1.0	85	126	0.67



Sound Performance

Speed Setting	Pressure (in wg)	Supply CFM	Sones	LwA	dBA	Octave Band (dB)							
						63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
1	0.1	69	1.1	50.1	35.4	53.4	49.4	50.5	46.6	46.4	41.0	29.6	26.1
1	0.2	66	1.3	51.1	36.4	54.1	50.4	51.6	47.6	47.4	41.8	30.4	26.3
1	0.3	62	1.5	52.4	37.8	56.4	53.1	53.1	49.1	48.7	42.9	32.0	28.1
1	0.4	60	1.7	52.9	38.3	57.1	53.5	53.7	49.6	49.1	43.3	33.0	29.3
1	0.5	54	1.9	53.7	39.1	59.6	54.3	54.5	50.5	49.7	44.4	34.7	30.7
1	0.6	44	2.1	54.4	39.8	61.6	55.6	55.2	51.0	50.3	45.4	36.1	32.5
2	0.1	86	1.7	53.2	38.6	54.9	51.3	53.2	49.7	50.0	43.3	34.0	28.8
2	0.2	82	1.9	53.8	39.1	55.3	52.3	53.7	50.4	50.5	44.0	34.8	29.5
2	0.3	79	2.0	54.3	39.7	56.1	53.1	54.6	51.1	50.9	44.3	35.3	29.9
2	0.4	74	2.3	55.2	40.5	57.3	54.2	55.4	52.2	51.5	45.6	36.5	31.9
2	0.5	69	2.4	55.8	41.2	58.8	54.8	56.3	53.0	51.9	46.2	37.2	33.5
2	0.6	64	2.5	56.1	41.5	60.3	55.8	56.9	53.1	52.0	47.0	38.0	33.9
2	0.7	57	2.6	56.6	42.0	61.0	56.4	57.4	53.6	52.3	47.7	38.8	35.0
3	0.1	100	2.4	55.7	41.0	56.9	53.9	55.6	52.4	52.3	45.8	38.0	31.9
3	0.2	95	2.5	56.1	41.5	57.1	54.0	55.9	53.1	52.7	46.3	38.4	32.1
3	0.3	91	2.6	56.5	41.9	56.6	54.2	56.2	53.6	53.1	46.6	38.7	33.3
3	0.4	89	2.7	57.0	42.4	57.5	54.9	56.8	54.0	53.5	47.3	39.1	33.1
3	0.5	85	2.8	57.5	42.8	58.5	56.1	57.6	54.8	53.4	48.5	39.8	33.9
3	0.6	80	2.8	57.8	43.1	59.8	56.7	58.3	55.2	53.2	49.2	40.5	34.8
3	0.7	75	2.9	58.1	43.4	60.3	57.2	58.8	55.5	53.3	49.7	41.0	35.6
4	0.1	117	3.0	57.9	43.3	58.2	56.6	57.6	54.7	54.5	48.4	41.0	35.1
4	0.2	112	3.0	58.2	43.6	58.4	56.0	57.7	55.1	54.7	48.9	41.1	35.1
4	0.3	108	3.0	58.2	43.6	58.4	56.0	57.8	55.3	54.3	49.5	41.3	35.4
4	0.4	103	3.0	58.4	43.8	58.6	56.4	58.2	55.8	54.0	50.3	41.7	35.9
4	0.5	97	3.1	58.7	44.0	59.8	56.7	58.6	56.1	53.9	50.8	41.9	36.1
4	0.6	92	3.2	59.0	44.3	60.3	57.5	59.1	56.6	54.0	50.9	42.1	36.4
4	0.7	87	3.4	59.5	44.8	62.8	58.5	59.7	57.2	54.4	51.5	42.7	37.1
4	0.8	80	3.5	59.7	45.1	65.1	59.2	60.1	57.4	54.6	51.6	43.0	37.8
4	0.9	72	3.5	59.9	45.2	64.8	59.8	60.5	57.4	54.8	51.6	43.2	38.0
5	0.1	138	3.9	61.0	46.3	62.9	58.7	60.1	57.9	56.0	54.2	45.2	39.5
5	0.2	133	3.9	61.0	46.3	63.6	58.9	60.0	58.0	55.9	54.3	44.9	39.2
5	0.3	129	3.9	61.1	46.5	64.1	58.5	59.9	58.3	56.0	54.4	44.9	39.4
5	0.4	125	3.9	61.2	46.5	63.9	58.5	60.1	58.5	56.1	54.2	45.0	39.5
5	0.5	119	3.9	61.2	46.6	63.4	58.2	60.2	58.6	56.2	54.2	45.1	39.5
5	0.6	114	3.9	61.3	46.6	63.4	58.6	60.6	58.7	56.2	54.1	45.0	39.3
5	0.7	108	4.0	61.4	46.8	68.2	60.0	60.8	58.8	56.3	54.1	45.0	39.3
5	0.8	102	4.1	61.7	47.1	67.5	60.3	61.4	59.2	56.5	54.2	47.2	39.7
5	0.9	93	4.2	61.9	47.2	65.1	60.7	61.6	59.4	56.6	54.6	45.5	40.2
5	1.0	85	4.1	61.6	46.9	63.8	60.6	61.7	59.0	56.4	54.1	45.2	40.0

Note: Data represents radiated sound, measured at five feet, in a spherical-free field, in an accredited AMCA sound testing facility