

HE8XIN



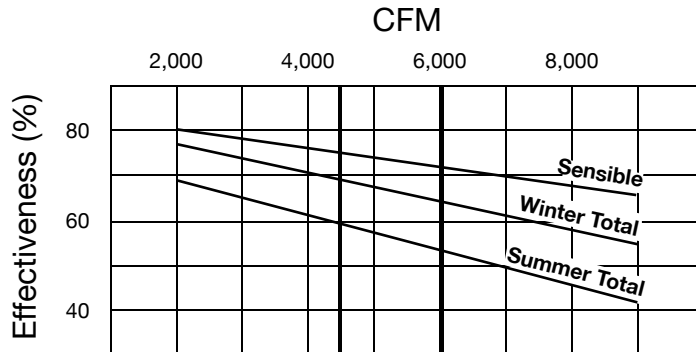
Indoor Unit



Specifications

Ventilation Type: Static Plate, Heat and Humidity Transfer						
Typical Airflow Range: 2,000-8,000 CFM						
AHRI 1060 Certified Core: Eight L125-00						
Airflow Rating Points (for AHRI): 6,000 CFM and 4,500 CFM						
Number Motors: Two belt drive blower/motor packages with adjustable sheaves						
HP	Volts	HZ	Phase	FLA (per motor)	Min. Cir. Amps	Max. Overcurrent Protection Device
5	208-230	60	Three	15.0-13.6	33.8	45
	460	60	Three	6.8	15.3	20
	575	60	Three	5.3	11.9	15
7.5	208-230	60	Three	21.1-19.1	47.5	60
	460	60	Three	9.5	21.4	30
	575	60	Three	7.6	17.1	20
10	208-230	60	Three	26.0-25.0	58.5	80
	460	60	Three	12.5	28.1	40
	575	60	Three	9.76	22.0	30
Optional Factory Installed VFD Electrical Specifications						
5	208-230	60	Three	15.0-13.6	37.1	45
	460	60	Three	6.8	16.8	20
	575	60	Three	5.3	13.1	15
7.5	208-230	60	Three	21.1-19.1	52.2	60
	460	60	Three	9.5	23.5	30
	575	60	Three	7.6	18.8	20
10	208-230	60	Three	26.0-25.0	64.4	80
	460	60	Three	12.5	30.9	40
	575	60	Three	9.76	24.2	30
Standard Features: Totally Enclosed Premium Efficiency Motors Motor Starters, Non-fused Disconnect 24 VAC Transformer/Relay Package						
Filters: Sixteen total, MERV 8, 2" pleated, 20" x 20" nominal size						
Weight: 2,525 lbs (unit), 2,825 lbs (shipping weight, on pallet)						
Shipping Dimensions: 116" L x 96" W x 90" H						
Options: Fused disconnect Double wall construction Factory supplied and mounted Variable Frequency Drives (VFDs) – one or both airstreams Motorized isolation dampers, OA, EA or both airstreams Factory mounted Filter Alarms (2)						

G5 Performance



*At AHRI 1060 standard conditions
(See certified data on page 73 for core components.)

Airflow Performance

Motor HP	Blower RPM	Turns Open	External Static Pressure (in. w.g.)																	
			0.00		0.25		0.50		0.75		1.00		1.25		1.50		1.75		2.00	
			CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
5	1460	4.5	5575	3.2	5425	3.2	5200	3.2	5000	3.2	4775	3.1	4550	3.0	4270	2.9	4000	2.8	3625	2.7
	1610	2	6200	4.3	6010	4.3	5875	4.2	5700	4.2	5500	4.2	5325	4.1	5125	4.1	4900	4.0	4625	3.9
	1725	0	6650	5.2	6500	5.2	6375	5.2	6200	5.2	6050	5.1	5875	5.1	5700	5.1	5490	5.0	5250	4.9
7.5	1560	4.5	6000	3.9	5850	3.9	5650	3.8	5475	3.8	5275	3.8	5100	3.7	4875	3.7	4600	3.6	4300	3.5
	1740	2	6700	5.3	6575	5.3	6400	5.3	6300	5.3	6125	5.3	5950	5.2	5750	5.2	5575	5.1	5325	5.1
	1865	0	7225	7.6	7075	7.6	6950	7.6	6800	7.5	6675	7.5	6500	7.5	6375	7.4	6200	7.4	6000	7.3
10	1810	4.5	7000	6.1	6875	6.1	6750	6.1	6600	6.0	6425	6.0	6275	6.0	6100	5.9	5925	5.8	5875	5.8
	2020	2	7850	8.3	7745	8.3	7625	8.2	7450	8.2	7350	8.2	7200	8.1	7050	8.1	6925	8.0	6775	8.0
	2105	1					7950	9.1	7800	9.1	7725	9.1	7600	9.0	7450	9.0	7300	8.9	7150	8.9

Note: Brake Horse Power (BHP) is for one blower motor package only.

Operation in this zone will likely exceed FLA limits.

HE8XIN Unit Dimensions

EA: Exhaust Air to outdoors
 OA: Outdoor Air intake
 RA: Room Air to be exhausted
 FA: Fresh Air to inside

