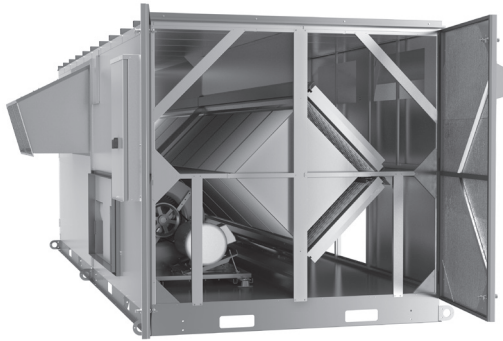


LE 6XRT

Energy Recovery Ventilator Standard



ROOFTOP UNIT



LE10XRT shown

Download specification at:
renewaire.com/specifications

SPECIFICATIONS

Ventilation Type:

Static plate, heat and humidity transfer

Typical Airflow Range: 1,500-6,600 CFM

AHRI 1060 Certified Core: Six L125-G5

Standard Features:

- TEFC Premium efficiency motors
- Motor starters
- Non-fused disconnect
- 24 VAC transformer/relay package

Filters:

Total qty. 12, MERV 8: 20" x 25" x 2"

Unit Dimensions & Weight:

- 111 1/4" L x 125 1/2" W x 71 1/4" H
- Modular (per module) 1,069-1,377 lbs., varies by option(s)
- Assembled (1-piece) 2,086-2,708 lbs., varies by option(s)

Max. Shipping Dimensions & Weight (on pallet):

- Modular (2-modules) 80" L x 90" W x 78" H
- Module 1 - 1,635 lbs., Module 2 - 1,488 lbs.
- Assembled (1-piece) 160" L x 90" W x 78" H
- 2,990 lbs.

Motor(s):

Qty. 2, Belt drive blower/standard motor packages with choice of adjustable sheaves for low, medium or high blower speed (see table below)

Options:

- Integrated programmable controls
- 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
- Qty. 2, Factory mounted filter alarms
- Exterior paint - white, custom colors
- Spring vibration isolators

Accessories:

- Filters - MERV 13, 2" or 4"; MERV 8, 4" (shipped loose)
- Roof curb - standard 14"
- Curb wind clip
- Engineered combo curb for Carrier RTU
- Engineered combo curb for Trane RTU
- Digital time clock - wall mount (TC7D-W), in exterior enclosure (TC7D-E)
- Motion occupancy control - ceiling mount (MC-C), wall mount (MC-W)
- Carbon dioxide control - wall mount (CO2-W), duct mount (CO2-D)
- Electric duct heater - EK series (1-60 kW), EH series (61-175 kW); designed for indoor ductwork installation only
- Indirect gas-fired duct furnace - GH series (50-400 MBH), installed downstream of any fans

AIRFLOW PERFORMANCE

Airflow CFM	External Static Pressure (in.w.g.)																				
	0.00		0.25		0.50		0.75		1.00		1.25		1.50		1.75		2.00				
	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM	BHP	RPM			
							3 HP LOW SPEED		3 HP MED SPEED				3 HP HIGH SPEED								
1500							0.9	840	1.1	920	1.5	990	1.9	1060	2.4	1120					
2000							1.1	800	1.3	880	1.7	950	2.0	1030	2.4	1090	2.9	1150			
2500							1.4	830	1.7	900	2.0	970	2.3	1040	2.7	1110	3.1	1170	5 HP MED		
3000							1.6	800	1.8	870	2.1	930	2.4	1000	2.7	1060	3.1	1120	3.5	1190	
3500							1.8	820	2.0	890	2.3	950	2.6	1010	2.9	1070	3.3	1130	3.7	1190	
3750							1.8	790	2.0	850	2.3	910	2.5	970	2.8	1030	3.2	1090	3.5	1150	
4000							2.1	800	2.3	870	2.5	930	2.8	990	3.1	1040	3.4	1100	3.7	1160	
4250	3 HP LOW SPEED	1.9	770	2.1	820	2.3	880	2.5	930	2.8	990	3.1	1040	3.4	1090	3.7	1140	4.0	1190	4.3	1230
4500		2.2	800	2.4	850	2.6	900	2.8	960	3.1	1010	3.4	1060	3.7	1110	4.0	1170	4.3	1230	4.6	1290
4750		2.5	840	2.7	880	2.9	930	3.1	980	3.4	1030	3.7	1080	4.0	1130	4.3	1180	4.6	1240	4.9	1300
5000		2.8	870	3.0	910	3.2	960	3.5	1000	3.7	1050	4.0	1100	4.3	1150	4.6	1200	4.9	1250	5.3	1370
5250	5 HP LOW SPEED	3.2	910	3.4	940	3.6	990	3.8	1030	4.1	1070	4.3	1120	4.6	1170	4.9	1220	5.3	1270	5.6	1320
5500		3.6	940	3.8	970	4.0	1010	4.2	1050	4.5	1090	4.7	1140	5.0	1180	5.3	1230	5.6	1290	6.0	1350
5750		4.0	970	4.2	1000	4.4	1040	4.6	1080	4.9	1120	5.1	1160	5.4	1200	5.7	1250	6.0	1310	6.4	1370
6000		4.4	1000	4.6	1030	4.8	1070	5.0	1100	5.3	1140	5.5	1180	5.8	1230	6.1	1270	6.4	1330	6.7	1390
6250		4.9	1030	5.1	1060	5.3	1090	5.5	1130	5.7	1160	6.0	1200	6.2	1250	6.5	1300	6.9	1350	7.2	1410
6500		5.3	1060	5.5	1090	5.7	1120	6.0	1150	6.2	1190	6.4	1230	6.7	1270	7.0	1320	7.4	1380	7.7	1440
6600		5.5	1070	5.7	1100	5.9	1130	6.1	1160	6.4	1200	6.6	1240	6.9	1280	7.2	1330	7.5	1390	7.8	1450
		7.5 HP LOW SPEED									7.5 HP MED SPEED										

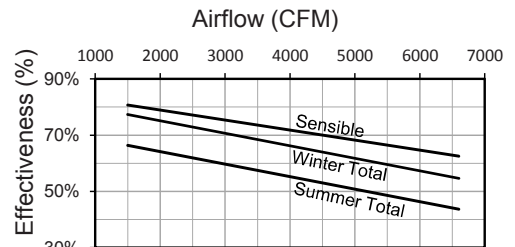
Note: Airflow performance includes effect of clean, standard filter supplied with unit.

ELECTRICAL DATA

Standard Electrical Specifications							Optional Factory Installed VFD Electrical Specifications		
HP	Volts	HZ	Phase	FLA per motor	Min. Cir. Amps	Max. Overcurrent Protection Device	FLA per motor	Min. Cir. Amps	Max. Overcurrent Protection Device
3.0	208-230	60	Single	14.7-14	33.1	40	9.38-8.48	40.2	45
	208-230	60	Three	9.38-8.48	21.1	25	9.38-8.48	23.2	25
	460 575	60 60	Three Three	4.24 3.3	9.5 7.4	15 15	4.24 3.3	10.5 8.2	15 15
5.0	208-230	60	Three	14.5-13.4	32.6	45	14.5-13.4	35.9	45
	460	60	Three	6.7	15.1	20	6.7	16.6	20
	575	60	Three	5.3	11.9	15	5.3	13.1	15
7.5	208-230	60	Three	21.0-19.0	47.3	60	21.0-19.0	52.0	60
	460	60	Three	9.5	21.4	25	9.5	23.5	25
	575	60	Three	7.6	17.1	20	7.6	18.8	20

Specifications may be subject to change without notice.

CORE PERFORMANCE



At AHRI 1060 standard conditions.
See all AHRI certified ratings at www.ahrinet.org.

