

SL 70L

INDOOR UNIT



Energy Recovery Ventilator EC Motor



SPECIFICATIONS

Ventilation Type:
Static plate, heat and humidity transfer

Continuous Operation Airflow: 51–76 CFM
Boost Mode Airflow: 76–94 CFM

Unit is HVI Tested/Certified per CSA C439
Protocol: Using one L-30-G5 Core

Standard Features:
Gray painted cabinet
Line-cord power supply
Low-voltage circuit for controls
Unit may be mounted in any orientation
Cross-core differential pressure ports
Dial-A-Flow: balance and airflow adjustment
Variable speed
Boost-mode

Controls:
Onboard digital controller with independent variable speeds

Filters:
Total qty. 2, MERV 8, spun-polyester media:
7 1/2" x 10 1/2" x 1"

Unit Weight: 32 lbs.

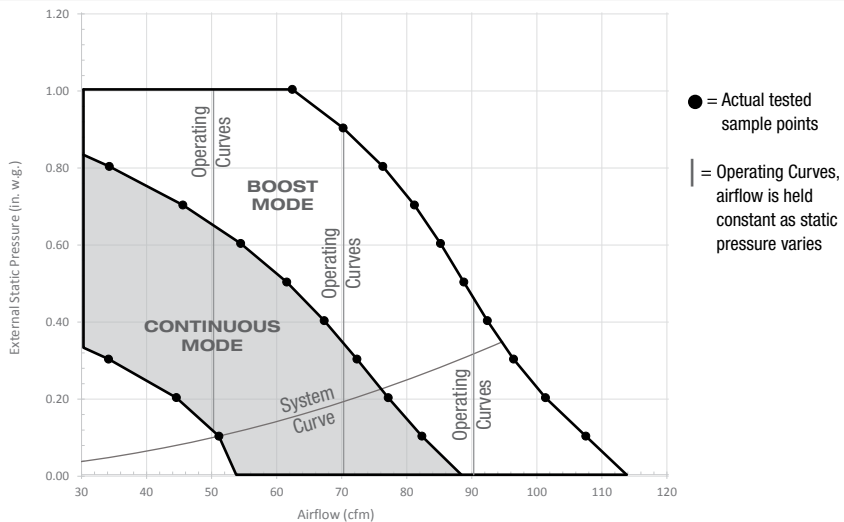
Max. Shipping Dimensions & Weight (in carton):
29 1/2" L x 22 1/2" W x 11 1/2" H
38 lbs.

Motor(s):
Qty. 2, 48V EC motorized impellers

Accessories:
Backdraft damper: 6", 8"
Automatic balancing damper: 4", 5", 6"
Louvered wall vent 6": white, brown
Digital time clock: wall mount (TC7D-W),
in exterior enclosure (TC7D-E)
Carbon dioxide sensor/control: wall mount (CO2-W)
IAQ sensor: wall mount (IAQ-W)
Motion occupancy sensor/control:
ceiling mount (MC-C), wall mount (MC-W)
Push-button boost timer (PBT)
Percentage timer control (PTL)
Percentage timer control with furnace interlock (FM)
Push-button point-of-use controls (PBL), PTL req'd.
MERV 13 filter: OA airstream (shipped loose)
Wall bracket kit
Electric duct heater: RH series (1–3 kW);
designed for indoor ductwork installation only

EC MOTOR OPERATING RANGE

Sample Points Depicted in Larger Dots		
Airflow (CFM)	External Static Pressure (Inches Water Column)	Unit Power Consumption (Watts)
Continuous Mode	82	62
	77	60
	72	59
	67	58
	61	56
	54	54
	45	51
	34	47
Boost-Mode	108	104
	102	102
	95	100
	91	99
	89	97
	85	96
	81	94
	76	92
70	89	
61	85	



CORE PERFORMANCE

Continuous Mode			Boost-Mode		
Airflow (CFM)	Sensible EFF%	Total EFF% Winter/Summer*	Airflow (CFM)	Sensible EFF%	Total EFF% Winter/Summer*
82	73	67/52	108	68	61/44
77	74	68/53	102	69	62/46
72	75	69/55	95	71	64/48
67	76	70/56	91	71	65/49
61	77	72/58	89	72	65/50
54	78	73/60	85	72	66/51
45	80	75/62	81	73	67/52
34	82	78/65	76	74	68/53
			70	75	70/55
			61	77	72/58

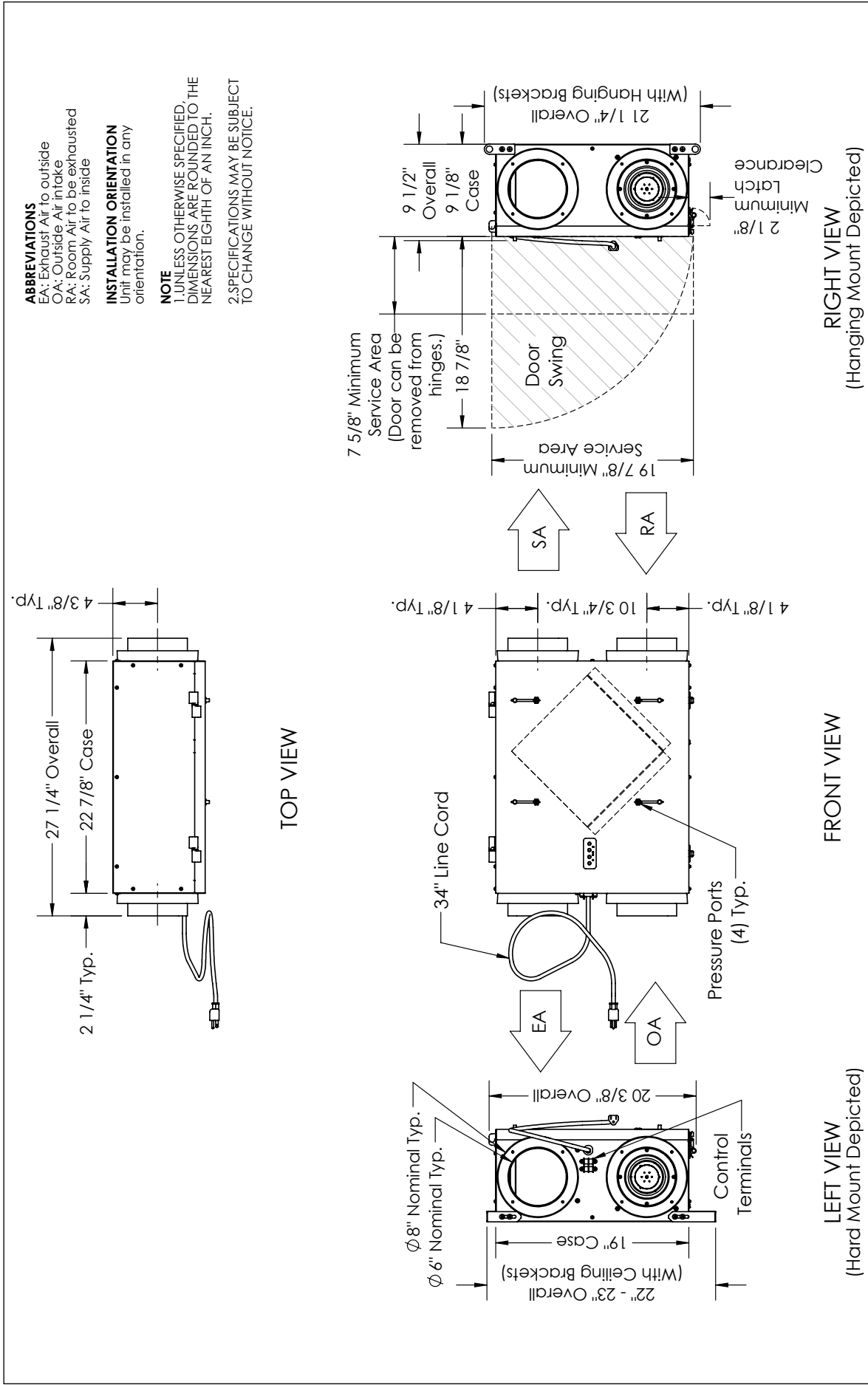
Note: Watts is for the entire unit.
Note: Airflow performance includes effect of clean, standard filter supplied with unit.
Note: Refer to CORES for specific operating point electrical data.

ELECTRICAL DATA

Watts	Volts	Hz	Phase	FLA per motor	Min. Cir. Amps	Max. Overcurrent Protection Device
96	120	60	1	2	10	15

Note: These are core-only ratings and are not HVI certified.
HVI ratings apply to complete units only.
See HVI certification ratings on pg. 32 of Single/Multi-Family Catalog.

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UNIT MOUNTING & APPLICATION
Can be mounted in any orientation. RA/OA airstream can be switched with OA/FA airstream.



AIRFLOW ORIENTATION
Available as shown in dimension drawing.

