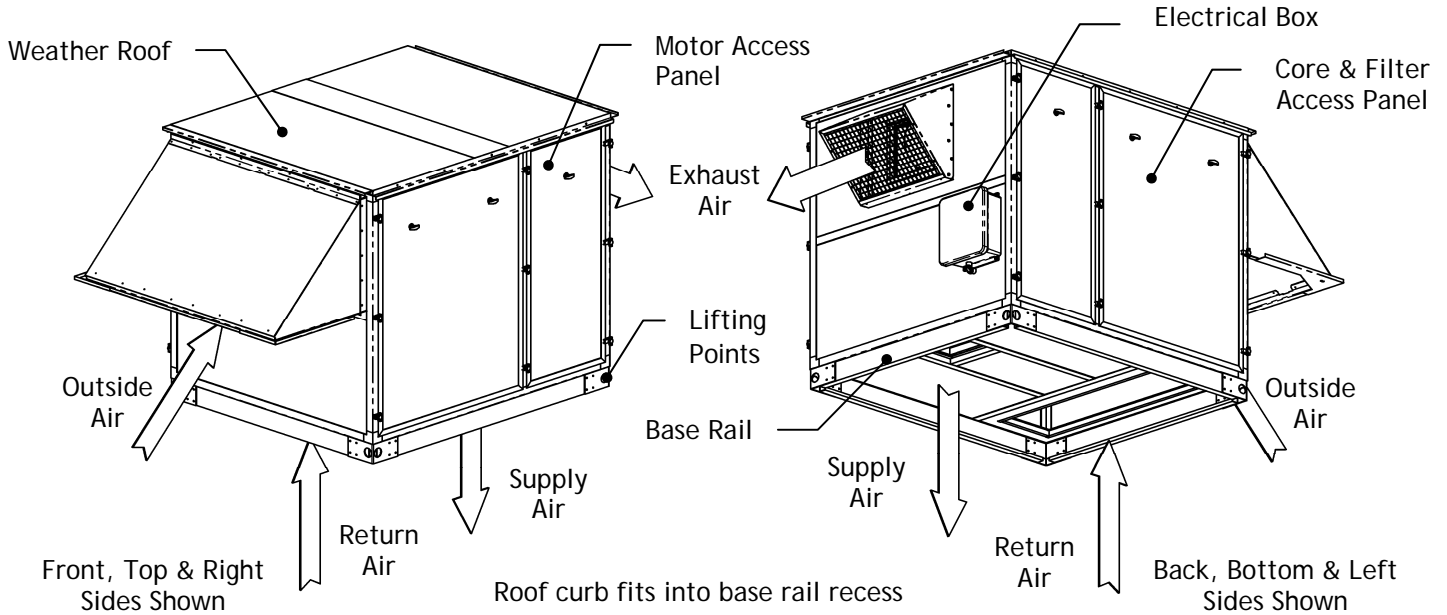


# D Series → Model R-FSE-xSHVVH

A rooftop system with integrated blowers designed to be mounted on a roof curb and direct its return and supply air flows vertically through the curb. Construction is aluminum space frame with corrosion-resistant hardware and double-walled coated aluminum panels, whose closed-cell foam insulation results in a 6.3 R-value.



D2R-FSE -xSHVVH	ESP [in-H <sub>2</sub> O]				Max Weight = 435 lb	D3R-FSE -xSHVVH	ESP [in-H <sub>2</sub> O]				Max Weight = 532 lb
	0	0.5	1	1.5			0	0.5	1	1.5	
Airflow	600	1/2 hp	1/2 hp	1/2 hp	3/4 hp	800	1/2 hp	1/2 hp	3/4 hp	3/4 hp	
[SCFM]	900	1/2 hp	1/2 hp	1 hp	1.5 hp	1200	1/2 hp	3/4 hp	1 hp	1.5 hp	
	1000	1/2 hp	3/4 hp	1.5 hp	1.5 hp	1500	3/4 hp	1 hp	1.5 hp	1.5 hp	
	1200	1 hp	1 hp	1.5 hp	1.5 hp	1800	1.5 hp	1.5 hp	2 hp	2 hp	

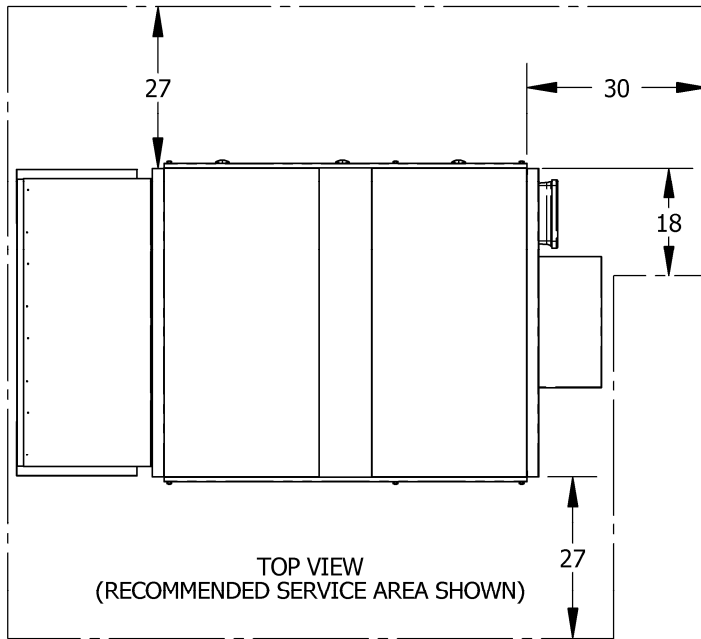
D4R-FSE -xSHVVH	ESP [in-H <sub>2</sub> O]				Max Weight = 623 lb	D5R-FSE -xSHVVH	ESP [in-H <sub>2</sub> O]				Max Weight = 728 lb
	0	0.5	1	1.5			0	0.5	1	1.5	
Airflow	1000	1/2 hp	1/2 hp	3/4 hp	3/4 hp	1500	1/2 hp	3/4 hp	1 hp	1.5 hp	
[SCFM]	1800	3/4 hp	1.5 hp	1.5 hp	2 hp	2000	1 hp	1.5 hp	1.5 hp	2 hp	
	2000	1 hp	1.5 hp	2 hp	2 hp	2500	1.5 hp	2 hp	2 hp	3 hp	
	2400	1.5 hp	2 hp	3 hp	3 hp	3000	2 hp	3 hp	3 hp	5 hp	

D6R-FSE -xSHVVH	ESP [in-H <sub>2</sub> O]				Max Weight = 813 lb	D7R-FSE -xSHVVH	ESP [in-H <sub>2</sub> O]				Max Weight = 898 lb
	0	0.5	1	1.5			0	0.5	1	1.5	
Airflow	1800	1/2 hp	3/4 hp	1.5 hp	1.5 hp	2000	1/2 hp	1 hp	1.5 hp	2 hp	
[SCFM]	2400	1 hp	1.5 hp	2 hp	3 hp	3000	1.5 hp	2 hp	3 hp	3 hp	
	3000	1.5 hp	3 hp	3 hp	3 hp	3500	2 hp	3 hp	3 hp	5 hp	
	3400	2 hp	3 hp	5 hp	5 hp	4000	3 hp	3 hp	5 hp	5 hp	

D8R-FSE -xSHVVH	ESP [in-H <sub>2</sub> O]				Max Weight = 991 lb	D9R-FSE -xSHVVH	ESP [in-H <sub>2</sub> O]				Max Weight = 1106 lb
	0	0.5	1	1.5			0	0.5	1	1.5	
Airflow	3000	1.5 hp	1.5 hp	3 hp	3 hp	3500	1.5 hp	2 hp	3 hp	5 hp	
[SCFM]	3500	2 hp	3 hp	3 hp	5 hp	4000	3 hp	3 hp	3 hp	5 hp	
	4000	3 hp	3 hp	5 hp	5 hp	4500	3 hp	5 hp	5 hp	5 hp	
	4500	5 hp	5 hp	5 hp	5 hp	5000	5 hp	5 hp	7.5 hp	7.5 hp	



NOTES:

- OA - OUTSIDE AIR INTAKE
- SA - SUPPLY AIR EXIT
- RA - RETURN AIR INTAKE
- EA - EXHAUST AIR EXIT

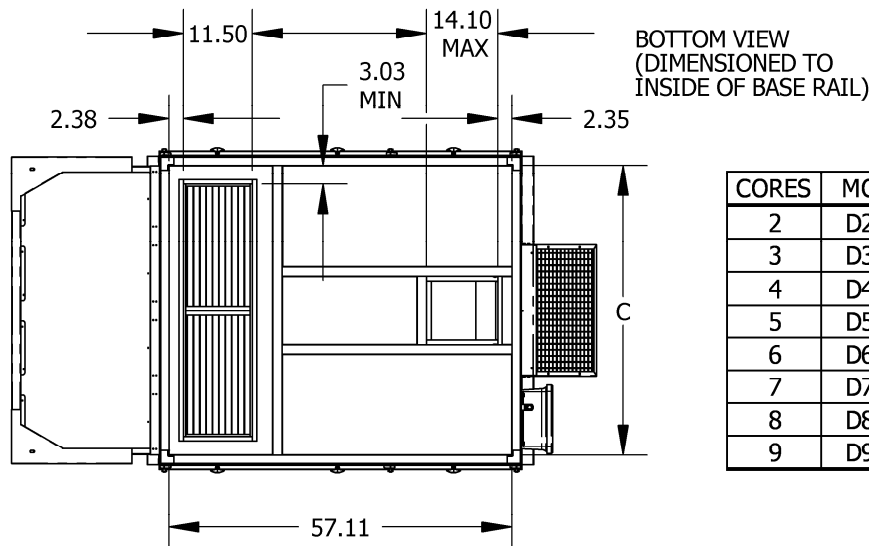
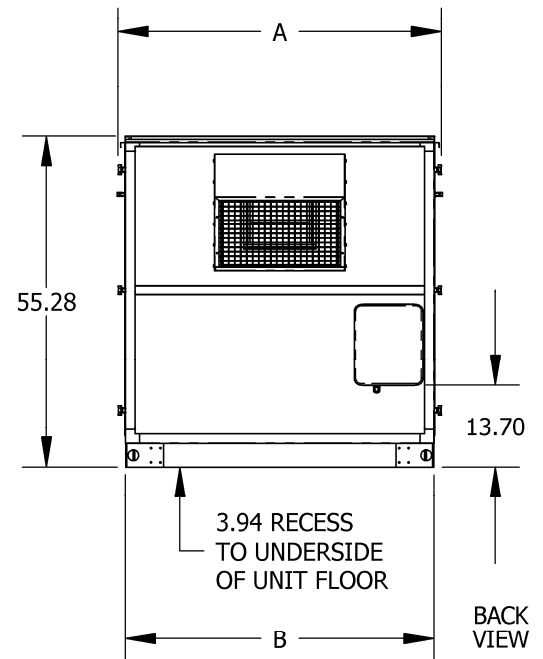
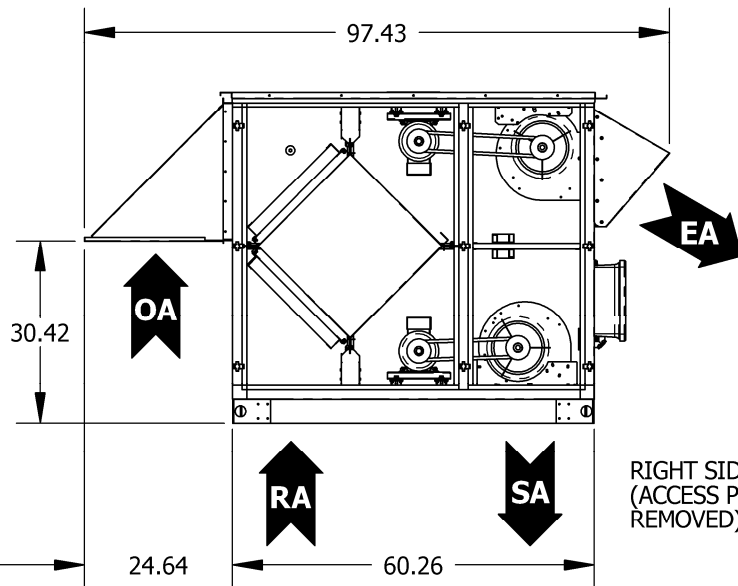
SYSTEM IS INTENDED FOR OUTDOOR USE

SIZE ROOF CURB TO FIT INTO BASE RAIL RECESS

DESIGN CURB TO MAINTAIN SEPARATION OF RETURN AND SUPPLY AIR STREAMS

FOLLOW ALL APPLICABLE CODES AND DESIGN PRACTICES TO ANCHOR SYSTEM TO ROOF AND CURB

D4R-FSE-xSHVVH MODEL PICTURED



CORES	MODEL #	A	B	C
2	D2R-FSE	29.18	26.72	23.57
3	D3R-FSE	41.52	39.06	35.91
4	D4R-FSE	53.87	51.41	48.26
5	D5R-FSE	66.21	63.75	60.60
6	D6R-FSE	78.55	76.09	72.94
7	D7R-FSE	90.90	88.44	85.29
8	D8R-FSE	103.24	100.78	97.63
9	D9R-FSE	115.59	113.13	109.98