



Ruskin® Quick Product Selection Tables: ERV Solutions

The Quick Product Selection Reference Guide assists in selecting the appropriate *Ruskin®* Product for your application.

Outdoor ERV Side by Side Discharge

Outdoor ERV with Heating and Cooling

Outdoor ERV with Downflow

Outdoor ERV Over and Under

Indoor ERV with Side by Side Discharge

Indoor ERV Over and Under













Indoor Miniventilators

Indoor MiniCore MCV Series









DISCLAIMER



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ERVs> OUTDOOR> EVT -S Series EnERVent+ ERV Side by Side Discharge

Model	CFM range	Submittal	3D Revit® Files
s11-02	300-1100		
s20-02	1200-2000		
s28-02	1200-2800		
s36-02	2000-3600		
s46-02	3000-4600		
s62-02	4600-6200		

















ERVs> OUTDOOR> EVT Series EnERVent+ ERV with Heating and Cooling

Model	CFM Range		Supply Motor HP		Exhaust Motor HP		External Static Supply (in.wg)	External Static Exhaust (in.wg)	Submittal
	Min	Max	Min	Max	Min	Max	Max	Max	
EVT-009	600	1000	1	1.5	1	1.5	1.5 - 3.0	1.5 - 3.0	
EVT-019	900	1900	1	2	1	2	1.5 - 3.0	1.5 - 3.0	
EVT-028	1600	2800	1.5	3	1	2	1.5 - 3.0	1.5 - 3.0	
EVT-036	2400	3600	2	5	1.5	3	1.5 - 3.0	1.5 - 3.0	
EVT-046	3000	4600	2	5	2	5	1.5 - 3.0	1.5 - 3.0	
EVT-062	3400	6200	3	7.5	2	5	1.5 - 3.0	1.5 - 3.0	
EVT-074	5400	7400	3	7.5	9	7.5	1.5 - 3.0	1.5 - 3.0	
EVT-088	6400	8800	5	10	5	10	1.5 - 3.0	1.5 - 3.0	













EVT-100	7600	10000	5	10	3	7.5	1.5 - 3.0	1.5 - 3.0	
EVT-120	8000	12000	7.5	15	5	10	1.5 - 3.0	1.5 - 3.0	

* Max external static pressure depends on the options selected.













ERVs> OUTDOOR> EVT-D Series EnERVent+ ERV with Downflow

Model	CFM range	Duct Size	Submittal	3D Revit® Files
D11-02	300-1100	17.00 x 11.38		
D20-02	1200-2000	21.88 x 14.00		
D28-02	1200-2800	20.25 x 17.00		
D36-02	2000-3600	23.38 x 17.38		
D46-02	3000-4600	23.38 x 20.38		
D62-02	4600-6200	29.38 x 30.00		
D80-02	6000-8000	38.75 x 35.38		
D120-02	8000-13000	40.00 x 44.50		













ERVs> OUTDOOR> EVT-O Series EnERVent+ ERV Over and Under

Model	CFM range	Submittal	3D Revit® Files
o11-02	300-1100		
o20-02	1200-2000		
o28-02	1200-2800		
o36-02	2000-3600		
o46-02	3000-4600		
o62-02	4600-6200		

ERVs> INDOOR> EVT-M Series Side by Side Discharge



Model	CFM range	Submittal	3D Revit® Files
M11-02	300-1100		
M20-02	1200-2000		
M28-02	1200-2800		
M36-02	2000-3600		
M46-02	3000-4600		
M62-02	4600-6200		

ERVs> INDOOR> EVT-N Series Over and Under



Model	CFM range	Submittal	3D Revit® Files
N11-02	300-1100		
N20-02	1200-2000		
N28-02	1200-2800		
N36-02	2000-3600		
N46-02	3000-4600		
N62-02	4600-6200		

ERV> INDOOR> MINIVENTILATORS



MV250-250x

ERV Model	External Static Pressure		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	Submittal	CSI 3-Part Spec
MV250-250x	CFM	Low	498	479	459	435	411	384	347	307	263	218	175		
		High	592	565	530	496	463	431	398	356	311	262	218		

MV450-450x

















ERV Model	External Static Pressure		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	Submittal	CSI 3-Part Spec
MV450-450x	CFM	Low	656	640	625	609	590	570	552	538	511	477	440		
		Medium	729	708	690	671	649	627	605	582	560	530	495		
		High	783	765	740	721	700	678	650	622	598	580	560		

MV750-750x

ERV Model	External Static Pressure		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	Submittal	CSI 3-Part Spec
MV750-750x	CFM	Low	823	822	821	819	808	790	778	762	755	738	718		
		Medium	997	992	985	975	960	940	928	905	884	872	850		
		High	1162	1145	1130	1104	1095	1090	1068	1047	1020	998	967		

Variable speed controller is available for lower flows.

ERVs> INDOOR> MiniCore MCV Series

ERV Model	CFM range	Supply Motor HP	Exhaust Motor HP	External Static Supply (in.wg)	External Static Exhaust (in.wg)	Submittal	CSI 3-Part Spec	CAD Install Drawing	3D Revit® Files
MCV500 PSC	300-700	0.50	0.50	0.0 - 1.0	0.0 - 1.0				
MCV500 ECM	300-700	0.50	0.50	0.0 - 1.0	0.0 - 1.0				
MCV1000 PSC	500-1000	0.75	0.75	0.0 - 1.0	0.0 - 1.0				
MCV1000 ECM	500-1000	0.75	0.75	0.0 - 1.0	0.0 - 1.0				

* Max external static pressure depends on the options selected.