

# HVI Tested/Certified

Per CSA C439



EV70 - Ventilation Performance							
Ext. Static Pressure		Net Supply Airflow		Gross Airflow			
				Supply		Exhaust	
Pa	in. wg	L/S	CFM	L/S	CFM	L/S	CFM
25	0.1	43	92	44	93	44	93
50	0.2	36	77	37	79	37	79
75	0.3	29	61	29	62	29	62
100	0.4	22	47	22	48	22	48

Electrical Requirements Volts 120 Amps 1.0  
 Exhaust Air Transfer Ratio = 2% @ 0.2 in. wg (50 PA) and 2% @ 0.4 in. wg (100 PA)

EV70 - Energy Performance							
Supply Temperature		Net Airflow		Average Power Watts	Sensible Recovery Efficiency %	Apparent Sensible Effectiveness %	Net Moisture Transfer %
C°	F°	L/S	CFM				
Heating							
0°	32°	34	73	84	69	78	54
Cooling							
35°	95°	34	71	83	Total Recovery Efficiency %		
				47			

EV130 - Ventilation Performance							
Ext. Static Pressure		Net Supply Airflow		Gross Airflow			
				Supply		Exhaust	
Pa	in. wg	L/S	CFM	L/S	CFM	L/S	CFM
25	0.1	77	165	79	168	79	168
50	0.2	72	153	73	156	73	156
75	0.3	64	137	66	140	66	140
100	0.4	59	126	61	129	61	129
125	0.5	49	104	50	106	50	106
150	0.6	37	79	38	81	38	81

Electrical Requirements Volts 120 Amps 1.3  
 Exhaust Air Transfer Ratio = 2% @ 0.2 in. wg (50 PA) and 2% @ 0.4 in. wg (100 PA)

EV130 - Energy Performance							
Supply Temperature		Net Airflow		Average Power Watts	Sensible Recovery Efficiency %	Apparent Sensible Effectiveness %	Net Moisture Transfer %
C°	F°	L/S	CFM				
Heating							
0°	32°	61	130	102	71	77	53
Cooling							
35°	95°	61	130	102	Total Recovery Efficiency %		
				48			

EV200 - Ventilation Performance							
Ext. Static Pressure		Net Supply Airflow		Gross Airflow			
				Supply		Exhaust	
Pa	in. wg	L/S	CFM	L/S	CFM	L/S	CFM
25	0.1	97	207	100	213	109	232
50	0.2	90	192	93	199	104	221
75	0.3	88	186	90	192	101	216
100	0.4	83	176	85	181	96	204
125	0.5	79	168	81	173	88	187
150	0.6	70	149	72	154	76	162
175	0.7	57	122	59	126	68	145

Electrical Requirements Volts 120 Amps 1.5  
 Exhaust Air Transfer Ratio = 3% @ 0.2 in. wg (50 PA) and 3% @ 0.4 in. wg (100 PA)

EV200 - Energy Performance							
Supply Temperature		Net Airflow		Average Power Watts	Sensible Recovery Efficiency %	Apparent Sensible Effectiveness %	Net Moisture Transfer %
C°	F°	L/S	CFM				
Heating							
0°	32°	85	181	157	78	85	62
Cooling							
35°	95°	85	180	155	Total Recovery Efficiency %		
				52			

EV300 - Ventilation Performance							
Ext. Static Pressure		Net Supply Airflow		Gross Airflow			
				Supply		Exhaust	
Pa	in. wg	L/S	CFM	L/S	CFM	L/S	CFM
100	0.4	147	311	150	317	143	303
125	0.5	139	295	142	301	133	283
150	0.6	131	277	133	282	125	265
175	0.7	121	256	123	261	108	230
200	0.8	101	215	103	219	94	198
225	0.9	90	191	92	195	74	156
250	1.0	80	170	82	174	47	99

Electrical Requirements Volts 120 Amps 3.3  
 Exhaust Air Transfer Ratio = 2% @ 0.4 in. wg (50 PA)

EV300 - Energy Performance							
Supply Temperature		Net Airflow		Average Power Watts	Sensible Recovery Efficiency %	Apparent Sensible Effectiveness %	Net Moisture Transfer %
C°	F°	L/S	CFM				
Heating							
0°	32°	139	297	315	67	74	54
Cooling							
35°	95°	138	294	313	Total Recovery Efficiency %		
				46			

BR70 - Ventilation Performance							
Ext. Static Pressure		Net Supply Airflow		Gross Airflow			
				Supply		Exhaust	
Pa	in. wg	L/S	CFM	L/S	CFM	L/S	CFM
25	0.1	41	86	42	89	46	97
50	0.2	34	73	35	75	39	84
75	0.3	28	59	29	61	32	69
100	0.4	21	46	22	47	25	53

Electrical Requirements Volts 120 Amps 1.0  
 Exhaust Air Transfer Ratio = 4% @ 0.2 in. wg (50 PA) and 3% @ 0.4 in. wg (100 PA)

BR70 - Energy Performance							
Supply Temperature		Net Airflow		Average Power Watts	Sensible Recovery Efficiency %	Apparent Sensible Effectiveness %	Net Moisture Transfer %
C°	F°	L/S	CFM				
Heating							
0°	32°	32	69	94	66	77	53
Cooling							
35°	95°	30	64	94	Total Recovery Efficiency %		
				42			

BR130 - Ventilation Performance							
Ext. Static Pressure		Net Supply Airflow		Gross Airflow			
				Supply		Exhaust	
Pa	in. wg	L/S	CFM	L/S	CFM	L/S	CFM
25	0.1	70	148	71	151	75	159
50	0.2	66	141	67	143	69	147
75	0.3	62	132	63	134	64	135
100	0.4	53	113	54	115	56	119
125	0.5	44	94	45	96	47	99
150	0.6	32	69	33	70	29	62
175	0.7	24	52	25	53	21	45

Electrical Requirements Volts 120 Amps 1.3  
 Exhaust Air Transfer Ratio = 2% @ 0.2 in. wg (50 PA) and 2% @ 0.4 in. wg (100 PA)

BR130 - Energy Performance							
Supply Temperature		Net Airflow		Average Power Watts	Sensible Recovery Efficiency %	Apparent Sensible Effectiveness %	Net Moisture Transfer %
C°	F°	L/S	CFM				
Heating							
0°	32°	58	124	121	72	80	55
Cooling							
35°	95°	59	126	121	Total Recovery Efficiency %		
				46			