

D-SERIES ENERGY RECOVERY VENTILATOR OUTDOOR DOWN DISCHARGE

STANDARD CONSTRUCTION

CABINET

20 (1.0) gage galvanized steel.

PANELS

18 (1.3) gage galvanized steel.

FINISH

Polyester Resin based powder coat.
Off White color.

WHEEL

ARI rated Internal Enthalpy Wheel.

FILTERS

Intake: Aluminum Mist Eliminator
Exhaust: 2" Pleated

TEMPERATURE LIMITS

+10°F (-12°C) to +115°F (+46°C).

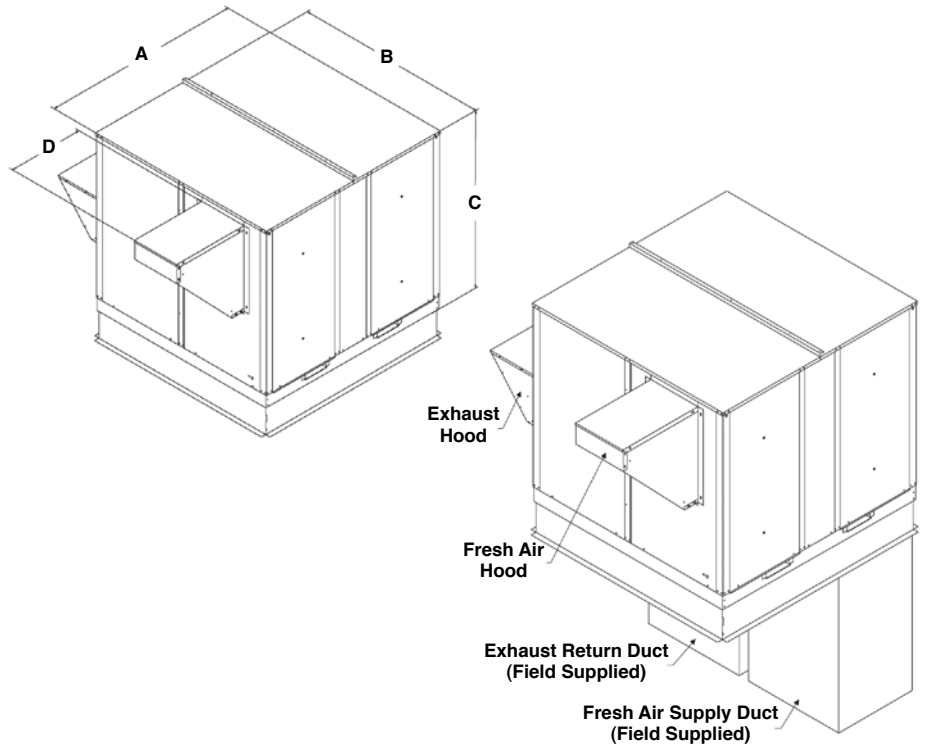
OPTIONS

- Roof Curb
- Low Ambient Kit (LAK)
- Motorized Outside Air Damper (MOAD)
- Motorized Exhaust Air Damper (MEAD)
- Start-Stop-Jog (SSJ)
- Disconnect for Field Installation (Disc)
- Rotation Sensor (RS)
- Pressure Sensor (PS)
- Medium and High Pulley Kits (M or H)
- Dirty Filter Switch (DFS)
- Variable Frequency Drives (VFD)

Dimensions shown in parentheses () indicate millimeters.

FEATURES

“D” series ERV’s are utilized in applications that require a rooftop installation. These units may be installed as a stand-alone unit with a separate and distinct duct system from other air conditioning equipment. In many applications, the supply (intake) air duct is connected to the return air duct of an air conditioning system (or multiple systems). By doing this the enthalpy wheel is able to provide preconditioned outside air to the air conditioning system(s).



ERV Model	CFM Range	Duct Size (GxJ)* (in inches)	Dimensions (in inches)			
			A	B	C	D
D11-02	300-1100	17.00 x 11.38	44.75	32.13	33.50	11.00
D20-02	1200-2000	21.88 x 14.00	54.38	37.25	37.50	17.50
D28-02	1200-2800	20.25 x 17.00	52.25	42.63	43.56	17.50
D36-02	2000-3600	23.38 x 17.38	60.00	46.69	57.37	28.00
D46-02	3000-4600	23.38 x 20.38	60.00	52.69	57.37	28.00
D62-02	4600-6200	29.38 x 30.00	72.00	70.88	63.63	28.00

*See Optional Curb Detail on back

Qty.	Model	Motor Data			Options										TAG			
		Voltage	Phase	Cycle	Curb		LAK	MEAD	MOAD	SSJ	Disc.	RS	PS	DFS		VFD		
					14"	24"												

SPECIFICATIONS AND ELECTRICAL DATA								
Model Numbers		D11-02 Down Discharge 300 - 1100 CFM ERV				D20-02 Down Discharge 1200 - 2000 CFM ERV		
Line Voltage – 60hz		208/230v 1ph	208/230v 3ph	460v 3ph	575v 3ph	208/230v 3ph	460v 3ph	575v 3ph
Fresh Air Blower	Motor – hp	1.5 / Belt				2 / Belt		
	Wheel Size (dia x width) – in	9 x 4				9 x 9		
	Motor Speed – rpm	1725				1725		
	Motor Speed(s)	Adjustable Sheave				Adjustable Sheave		
	Bearing Type	Ball				Ball		
	Full Load Amps	9.1	5.6	2.8	2.0	6.0	2.6	2.4
	Service Factor	1.15				1.15		
Exhaust Air Blower	Motor – hp Stationary	1.5 / Belt				2 / Belt		
	Wheel Size (dia x width) – in	9 x 4				9 x 9		
	Motor Speed – rpm	1725				1725		
	Motor Speed(s)	Adjustable Sheave				Adjustable Sheave		
	Bearing Type	Ball				Ball		
	Full Load Amps	9.1	5.6	2.8	2.0	6.0	2.6	2.4
	Service Factor	1.15				1.15		
Wheel Electrical Data	Potential Volts	208 - 230				208 - 230		
	Motor Speed – rpm	1050				1050		
	Full Load Amps	0.3				0.3		
Total Electrical	MCA – Stationary	20.8	12.9	6.6	4.8	13.8	6.2	5.7
	OCPD – Stationary	30	15	9	7	20	9	8
Wheel Data	Wheel Depth – in	3				3		
	Wheel Diameter – in	25.3				30.346		
	Construction / Media Type	One Piece / Polymeric				One Piece / Polymeric		
Curb	Curb Height – in	14				14		
Weights	Shipping Weight – lbs. (kg)	389				650		
	Net Weight – lbs. (kg)	314				570		

D11 ARI CERTIFIED RATINGS					
Thermal Ratings @ 0" Pressure Diff.			Sensible	Latent	Total
Total Effectiveness	100% Airflow Heating		76%	68%	73%
	75% Airflow Heating		81%	73%	78%
	100% Airflow Cooling		76%	68%	72%
	75% Airflow Cooling		81%	73%	76%
Net Effectiveness	100% Airflow Heating		76%	68%	73%
	75% Airflow Heating		81%	73%	78%
	100% Airflow Cooling		76%	68%	72%
	75% Airflow Cooling		81%	73%	76%

Enthalpy Wheel ARI Rating Data			
Nominal Airflow CFM	900 @ 1.0Δ	Nominal Airflow CFM	900 @ 1.0Δ
EATR – -1.00 H ₂ O	9.30%	OACF – -1.00 H ₂ O	0.97
EATR – 0.00 H ₂ O	0.70%	OACF – 0.00 H ₂ O	1.19
EATR – +1.00 H ₂ O	0.00%	OACF – +1.00 H ₂ O	1.34

D20 ARI CERTIFIED RATINGS					
Thermal Ratings @ 0" Pressure Diff.			Sensible	Latent	Total
Total Effectiveness	100% Airflow Heating		68	61	65
	75% Airflow Heating		72	67	71
	100% Airflow Cooling		68	61	64
	75% Airflow Cooling		72	67	70
Net Effectiveness	100% Airflow Heating		68	61	65
	75% Airflow Heating		72	67	71
	100% Airflow Cooling		68	61	64
	75% Airflow Cooling		72	67	70

Enthalpy Wheel ARI Rating Data			
Nominal Airflow CFM	1600 @ .95Δ	Nominal Airflow CFM	1600 @ .95Δ
EATR – -1.00 H ₂ O	7.80%	OACF – -1.00 H ₂ O	0.97
EATR – 0.00 H ₂ O	0.40%	OACF – 0.00 H ₂ O	1.16
EATR – +1.00 H ₂ O	0.00%	OACF – +1.00 H ₂ O	1.29

SPECIFICATIONS AND ELECTRICAL DATA

Model Numbers		D28-02 – Down Discharge 1200 - 2800 CFM ERV			D36-02 – Down Discharge 2000 - 3600 CFM ERV		
		208/230v 3ph	460v 3ph	575v 3ph	208/230v 3ph	460v 3ph	575v 3ph
Line Voltage – 60hz							
Fresh Air Blower	Motor – hp / type	3 / Belt			3 / Belt		
	Wheel Size (dia x width) – in	10 x 10			12 x 9		
	Motor Speed – rpm	1725			1725		
	Motor Speed(s)	Adjustable Sheave			Adjustable Sheave		
	Bearing Type	Ball			Ball		
	Full Load Amps	9.4	4.3	3.2	9.4	4.3	3.2
	Service Factor	1.15			1.15		
Exhaust Air Blower	Motor – hp Stationary	3 / Belt			3 / Belt		
	Wheel Size (dia x width) – in	10 x 10			12 x 9		
	Motor Speed – rpm	1725			1725		
	Motor Speed(s)	Adjustable Sheave			Adjustable Sheave		
	Bearing Type	Ball			Ball		
	Full Load Amps	9.4	4.3	3.2	9.4	4.3	3.2
	Service Factor	1.15			1.15		
Wheel Electrical Data	Motor – hp (1 phase)	0.005			0.17		
	Potential Volts	200 / 208 - 230			200 / 208 - 230		
	Motor Speed – rpm	825			1075		
	Full Load Amps	0.6			1.2		
Total Electrical	MCA – Stationary	21.8	10.3	7.8	22.4	10.9	8.4
	OCPD – Stationary	30	12	10	30	15	10
Wheel Data	Wheel Depth x Diameter – in	3 x 37.759			3 x 41.825		
	Construction / Media Type	Segmented Pies / Polymeric			Segmented Pies / Polymeric		
Curb	Curb Height – in	14			14		
Weights	Shipping Weight – lbs. (kg)	876			950		
	Net Weight – lbs. (kg)	801			854		

D28 ARI CERTIFIED RATINGS

Thermal Ratings @ 0" Pressure Diff.		Sensible	Latent	Total
Total Effectiveness	100% Airflow Heating	68%	60%	65%
	75% Airflow Heating	74%	67%	71%
	100% Airflow Cooling	68%	60%	63%
	75% Airflow Cooling	74%	67%	70%
Net Effectiveness	100% Airflow Heating	68%	60%	65%
	75% Airflow Heating	74%	67%	71%
	100% Airflow Cooling	68%	60%	63%
	75% Airflow Cooling	74%	67%	70%

Enthalpy Wheel ARI Rating Data

Nominal Airflow CFM	2600 @ .95Δ	Nominal Airflow CFM	2600 @ .95Δ
EATR – -1.00 H ₂ O	6.10%	OACF – -1.00 H ₂ O	0.99
EATR – 0.00 H ₂ O	0.40%	OACF – 0.00 H ₂ O	1.13
EATR – +1.00 H ₂ O	0.00%	OACF – +1.00 H ₂ O	1.23

D36 ARI CERTIFIED RATINGS

Thermal Ratings @ 0" Pressure Diff.		Sensible	Latent	Total
Total Effectiveness	100% Airflow Heating	68	60	65
	75% Airflow Heating	74	67	71
	100% Airflow Cooling	68	60	63
	75% Airflow Cooling	74	67	70
Net Effectiveness	100% Airflow Heating	68	60	65
	75% Airflow Heating	74	67	71
	100% Airflow Cooling	68	60	63
	75% Airflow Cooling	74	67	70

Enthalpy Wheel ARI Rating Data

Nominal Airflow CFM	3100 @ .9Δ	Nominal Airflow CFM	3100 @ .9Δ
EATR – -1.00 H ₂ O	4.90%	OACF – -1.00 H ₂ O	0.99
EATR – 0.00 H ₂ O	1.30%	OACF – 0.00 H ₂ O	1.07
EATR – +1.00 H ₂ O	0.30%	OACF – +1.00 H ₂ O	1.12

SPECIFICATIONS AND ELECTRICAL DATA							
Model Numbers		D46-02 – Down Discharge 3000 - 4600 CFM ERV			D62-02 – Down Discharge 4600 - 6200 CFM ERV		
Line Voltage – 60hz		208/230v 3ph	460v 3ph	575v 3ph	208/230v 3ph	460v 3ph	575v 3ph
Fresh Air Blower	Motor – hp / type	5 / Belt			5 / belt		
	Wheel Size (dia x width) – in	12 x 12			15 x 15		
	Motor Speed – rpm	1725			1725		
	Motor Speed(s)	Adjustable Sheave			Adjustable Sheave		
	Bearing Type	Ball			Ball		
	Full Load Amps	14.0	7.0	5.1	14.0	7.0	5.1
	Service Factor	1.15			1.15		
Exhaust Air Blower	Motor – hp Stationary	5 / Belt			5 / belt		
	Wheel Size (dia x width) – in	12 x 12			15 x 15		
	Motor Speed – rpm	1725			1725		
	Motor Speed(s)	Adjustable Sheave			Adjustable Sheave		
	Bearing Type	Ball			Ball		
	Full Load Amps	14.0	7.0	5.1	14.0	7.0	5.1
	Service Factor	1.15			1.15		
Enthalpy Wheel Electrical Data	Motor – hp (1 phase)	0.17			.17		
	Potential Volts	200 / 208 - 230			200 / 208 – 230		
	Motor Speed – rpm	1075			1075		
	Full Load Amps	1.2			1.2		
Total Electrical	MCA – Stationary	32.7	17.0	12.7	32.7	17.0	12.7
	OCPD – Stationary	40	25	15	40	25	15
Wheel Data	Wheel Depth x Diameter – in	3 x 46.776			3 x 52.026		
	Construction / Media Type	Segmented Pies / Polymeric			Segmented Pies / Polymeric		
Curb	Curb Height – in	14			14		
Weights	Shipping Weight – lbs. (kg)	1228			1380		
	Net Weight – lbs. (kg)	1113			1205		

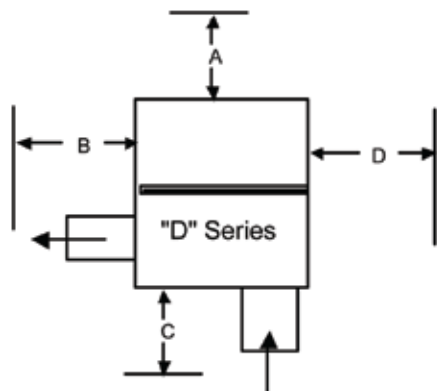
D46 ARI CERTIFIED RATINGS					
Thermal Ratings @ 0" Pressure Diff.			Sensible	Latent	Total
Total Effectiveness	100% Airflow Heating		68%	60%	65%
	75% Airflow Heating		73%	67%	71%
	100% Airflow Cooling		68%	60%	63%
	75% Airflow Cooling		73%	67%	70%
Net Effectiveness	100% Airflow Heating		68%	60%	65%
	75% Airflow Heating		73%	67%	71%
	100% Airflow Cooling		68%	60%	63%
	75% Airflow Cooling		73%	67%	70%
Enthalpy Wheel ARI Rating Data					
Nominal Airflow CFM	3900 @ .9Δ	Nominal Airflow CFM	3900 @ .9Δ		
EATR – -1.00 H ₂ O	4.40%	OACF – -1.00 H ₂ O	0.99		
EATR – 0.00 H ₂ O	1.10%	OACF – 0.00 H ₂ O	1.06		
EATR – +1.00 H ₂ O	0.20%	OACF – +1.00 H ₂ O	1.11		

D62 ARI CERTIFIED RATINGS					
Thermal Ratings @ 0" Pressure Diff.			Sensible	Latent	Total
Total Effectiveness	100% Airflow Heating		68	60	65
	75% Airflow Heating		74	67	71
	100% Airflow Cooling		68	60	63
	75% Airflow Cooling		74	67	70
Net Effectiveness	100% Airflow Heating		68	60	65
	75% Airflow Heating		74	67	71
	100% Airflow Cooling		68	60	63
	75% Airflow Cooling		74	67	70
Enthalpy Wheel ARI Rating Data					
Nominal Airflow CFM	5500 @ .95Δ	Nominal Airflow CFM	5500 @ .95Δ		
EATR – -1.00 H ₂ O	4.00%	OACF – -1.00 H ₂ O	0.99		
EATR – 0.00 H ₂ O	1.00%	OACF – 0.00 H ₂ O	1.06		
EATR – +1.00 H ₂ O	0.20%	OACF – +1.00 H ₂ O	1.10		

FILTER SIZES

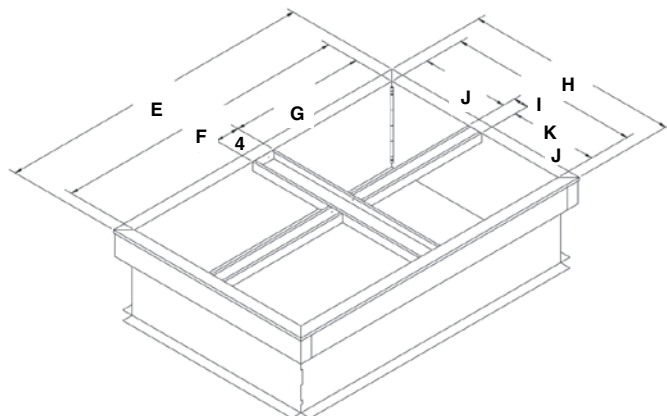
Series	Size	Return Filter				Intake Filter			
		Qty	Width	Height	Type	Qty	Width	Height	Type
D	11	1	14	20	2" PLT	1	16.25	10.375	1" ME
	20	2	16	20		1	12.5	20	
	28	2	20	20		1	14.75	32.25	
	36	3	16	20		1	16.5	32.25	
	46	2	24	24		1	20	36	
	62	5	14	20		1 / 1	20 / 20	36 / 12.5	

SERVICE CLEARANCES



Dimension (inches)	"D" SERIES					
	11	20	28	36	46	62
A	36	12	36	36	36	36
B	60	60	60	60	60	60
C	48	60	60	60	72	72
D	36	36	48	48	60	60

OPTIONAL CURB DETAIL



ERV Model	Dimensions (in inches)						
	E	F	G	H	I	J	K
D11-02	43.00	39.00	17.50	30.25	26.25	11.88	2.50
D20-02	52.75	48.75	22.38	35.50	31.50	14.50	2.50
D28-02	49.50	45.50	20.75	41.00	37.00	17.50	2.00
D36-02	55.75	51.75	23.88	41.81	37.81	17.91	2.00
D46-02	55.75	51.75	23.88	47.81	43.81	20.91	2.00
D62-02	67.75	63.75	29.88	66.00	62.00	30.50	2.00

“D11-02” OUTDOOR ERV AIRFLOW PERFORMANCE								
SUPPLY								
Blower RPM for D11, 1.5HP, Mist Eliminator Filter in Intake Hood								
		External Static Pressure (in water)						
		0	.25	.5	.75	1	1.25	1.5
CFM	300	n/a	n/a	1175	1350	1450	1605	1730
	500	n/a	1170	1340	1540	1655	1725	1840
	700	1295	1425	1600	1625	1795	1960	2035
	900	1540	1660	1720	1790	2030	2110	2195
	1100	1785	1915	2025	2185	n/a	n/a	n/a
EXHAUST								
Blower RPM for D11, 1.5HP, Barometric Hood, 2” Pleated Filters								
		External Static Pressure (in water)						
		0	.25	.5	.75	1	1.25	1.5
CFM	300	n/a	n/a	1030	1225	n/a	n/a	n/a
	500	n/a	1025	1180	1265	1425	1535	n/a
	700	1120	1190	1340	1445	1540	1645	1720
	900	1285	1525	1500	1575	1670	1785	1865
	1100	1570	1665	1670	1775	1860	1920	n/a

“D20-02” OUTDOOR ERV AIRFLOW PERFORMANCE								
SUPPLY								
Blower RPM for D20, 2HP, Mist Eliminator Filter in Intake Hood								
		External Static Pressure (in water)						
		0	.25	.5	.75	1	1.25	1.5
CFM	1200	1055	1135	1295	1420	1540	1650	1725
	1400	1140	1240	1340	1490	1600	1690	1795
	1600	1200	1330	1460	1565	1645	1740	1830
	1800	1320	1405	1525	1615	1705	1785	1885
	2000	1415	1515	1605	1690	1775	1875	1960
EXHAUST								
Blower RPM for D20, 2HP, Barometric Hood, 2” Pleated Filters								
		External Static Pressure (in water)						
		0	.25	.5	.75	1	1.25	1.5
CFM	1200	1010	1195	1350	1445	1580	1685	1735
	1400	1125	1315	1435	1545	1620	1730	1800
	1600	1185	1370	1500	1610	1695	1790	1965
	1800	1305	1485	1600	1685	1781	1955	2030
	2000	1410	1550	1670	1765	1855	n/a	n/a

Notes:

1. Drive losses included in above tables.
2. Performances can vary depending on ambient conditions.
3. Blower RPMs are for reference only.

RPM Range

	Not available from pulley kits
	Low Speed (Factory Standard)
	Medium Speed
	High Speed

“D28-02” OUTDOOR ERV AIRFLOW PERFORMANCE								
SUPPLY								
Blower RPM for D28, 3HP, Mist Eliminator Filter in Intake Hood								
		External Static Pressure (in water)						
		0	.25	.5	.75	1	1.25	1.5
CFM	1200	n/a	790	960	1110	1210	1315	1380
	1600	750	900	1005	1145	1230	1365	1410
	2000	900	1005	1105	1210	1275	1400	1450
	2400	1005	1125	1210	1275	1365	1450	1500
	2800	1125	1230	1315	1380	1450	1535	1600
EXHAUST								
Blower RPM for D28, 3HP, Barometric Hood, 2" Pleated Filters								
		External Static Pressure (in water)						
		0	.25	.5	.75	1	1.25	1.5
CFM	1200	750	885	1015	1145	1260	1350	1485
	1600	870	1015	1125	1215	1325	1410	1500
	2000	1015	1145	1240	1345	1410	1485	1560
	2400	1125	1250	1345	1430	1500	1575	1630
	2800	1250	1410	1485	1520	1630	1650	1675

“D36-02” OUTDOOR ERV AIRFLOW PERFORMANCE								
SUPPLY								
Blower RPM for D36, 3HP, Mist Eliminator Filter in Intake Hood								
		External Static Pressure (in water)						
		0	.25	.5	.75	1	1.25	1.5
CFM	2000	725	825	900	1000	1070	1180	1250
	2400	800	900	1000	1070	1160	1250	1275
	2800	900	1000	1070	1160	1250	1275	1340
	3200	1000	1070	1160	1250	1275	1340	1400
	3600	1055	1180	1250	1300	1360	n/a	n/a
EXHAUST								
Blower RPM for D36, 3HP, Barometric Hood, 2" Pleated Filters								
		External Static Pressure (in water)						
		0	.25	.5	.75	1	1.25	1.5
CFM	2000	750	865	950	1030	1100	1200	1265
	2400	820	950	1035	1100	1200	1265	1300
	2800	925	1035	1150	1200	1265	1315	1350
	3200	1035	1160	1215	1265	1325	1350	1390
	3600	1100	1215	1300	1350	1390	n/a	n/a

Notes:

1. Drive losses included in above tables.
2. Performances can vary depending on ambient conditions.
3. Blower RPMs are for reference only.

RPM Range

	Not available from pulley kits
	Low Speed (Factory Standard)
	Medium Speed
	High Speed

“D46-02” OUTDOOR ERV AIRFLOW PERFORMANCE								
SUPPLY								
Blower RPM for D46, 5HP, Mist Eliminator Filter in Intake Hood								
		External Static Pressure (in water)						
		0	.25	.5	.75	1	1.25	1.5
CFM	3000	900	1030	1100	1165	1240	1285	1350
	3400	975	1085	1175	1240	1290	1350	1400
	3800	1070	1175	1240	1290	1350	1400	1465
	4200	1165	1240	1320	1350	1430	1465	1515
	4600	1240	1320	1375	1430	1500	1515	1580
EXHAUST								
Blower RPM for D46, 5HP, Barometric Hood, 2" Pleated Filters								
		External Static Pressure (in water)						
		0	.25	.5	.75	1	1.25	1.5
CFM	3000	955	1100	1160	1245	1280	1360	1425
	3400	1055	1185	1245	1300	1375	1425	1480
	3800	1160	1300	1360	1400	1425	1530	1585
	4200	1245	1375	1450	1480	1500	1585	1650
	4600	1360	1450	1500	1585	1600	1650	1700

“D62-02” OUTDOOR ERV AIRFLOW PERFORMANCE								
SUPPLY								
Blower RPM for D62, 3HP, Mist Eliminator Filter in Intake Hood								
		External Static Pressure (in water)						
		0	.25	.5	.75	1	1.25	1.5
CFM	4600	815	900	975	1045	1085	1125	1175
	5000	880	940	1015	1060	1135	1175	1215
	5400	915	975	1045	1125	1150	1195	1250
	5800	975	1045	1085	1175	1250	1260	n/a
	6200	1000	1075	1165	1200	n/a	n/a	n/a
EXHAUST								
Blower RPM for D62, 5HP, Barometric Hood, 2" Pleated Filters								
		External Static Pressure (in water)						
		0	.25	.5	.75	1	1.25	1.5
CFM	4600	825	915	1000	1025	1100	1140	1170
	5000	890	975	1025	1100	1140	1170	1240
	5400	925	1000	1085	1140	1170	1240	1280
	5800	975	1025	1140	1170	1240	n/a	n/a
	6200	1025	1120	1170	n/a	n/a	n/a	n/a

Notes:

1. Drive losses included in above tables.
2. Performances can vary depending on ambient conditions.
3. Blower RPMs are for reference only.

RPM Range

	Not available from pulley kits
	Low Speed (Factory Standard)
	Medium Speed
	High Speed

D SERIES ERV SUGGESTED SPECIFICATION

Furnish and install, at locations shown on plans or in accordance with schedule, mechanical cooling and/or heating system complete with a stand alone Energy Recovery Ventilator (ERV). The Energy Recovery Ventilator will contain an energy recovery component rated in accordance with ARI Standard 1060 with ratings certified by ARI. ERV shall be designed for ducting to the A/C (rooftop, upflow, horizontal) unit into the duct system of an air conditioning unit or as a stand alone unit with its own duct system. The cabinet shall be galvanized material with a powder coated paint finish electrostatically bonded to the metal. Cabinet panels where conditioned air is handled shall be fully insulated to prevent condensation and minimize sound. Openings shall be provided for duct connections. Lifting devices shall be provided for rigging. Test ports shall be provided so airflow can be measured across the energy recovery wheel. The intake and exhaust air blowers of the ERV shall contain a centrifugal forward curved blower. They shall have ball bearings with adjustable belt drive and motor mount base shall permit ease of motor change-over and belt tension adjustment.

The energy recovery device shall be a rotary heat exchanger per ARI Standard 1060 description. The device will be an enthalpy wheel coated with a silica gel desiccant by a patented process without the use of binders or adhesives which may plug the desiccant aperture. The substrate shall be a lightweight polymer. Desiccant shall not dissolve or deliquesce in the presence of water or high humidity. The wheel shall be easily cleanable with water and/or alkaline based coil cleaning solution. In all size units the wheel shall be provided with removable segments for cleaning and maintenance.

All diameter and perimeter seals shall be provided. The energy recovery cassette shall be an Underwriters Laboratories Recognized Component for electrical and fire safety.

Barometric relief dampers will be provided in the exhaust air hood to prevent air infiltration if the ERV is de-energized. ERV unit to have mist eliminator filter in the intake air hood and 2" pleated filter on the return air side. ERV shall be provided with a single point power connection for high voltage. Energy Recovery Ventilator shall be Ruskin "D" Series for outdoor use in a down discharge configuration.

OPTIONS (specifier select as required)

Roof Curb - Furnish and install the manufacturers' roof mounting curb to maintain the proper height above the roof.

Low Ambient Kit - Furnish and install a low ambient kit to prevent frost formation on the energy recovery wheel.

Motorized Intake Air Damper - Furnish and install motorized intake air damper.

Stop-Start-Jog - Furnish and install stop-start-jog controls to stop wheel rotation during economizer cycle operation.

Motorized Exhaust Air Damper - Furnish and install motorized exhaust air damper.

Disconnect - Furnish disconnect box for field installation.

Dirty Filter Switch - Furnish and install dirty filter switch.

Rotation Sensor - Furnish and install rotation sensor to verify wheel rotation.

Pressure Sensor - Furnish and install pressure sensor to confirm airflow performance.

Ruskin continually strives to improve our products, and reserves the right to change product design and specification without notice.

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