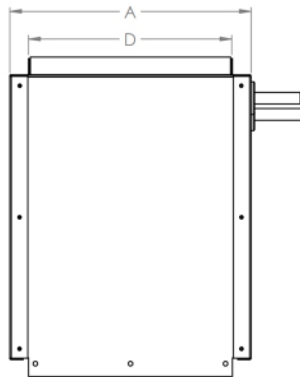


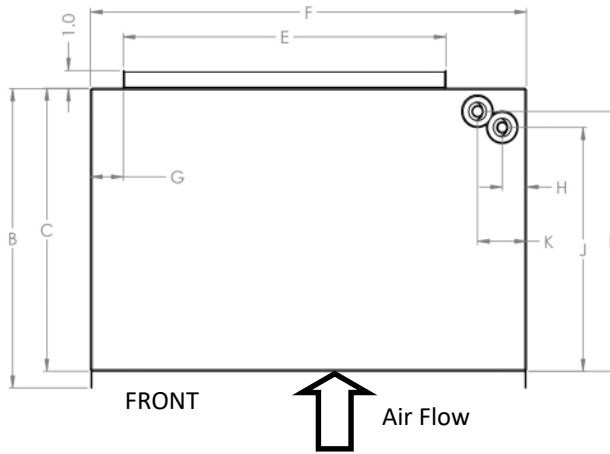


# DV Series

## VERTICAL HOT WATER SECTION



SIDE



FRONT

Air Flow

**NOTE:** Right Hand connection shown. Mirror Horizontal dimensions for Left Hand connection.

HW COIL ACCESSORY													
PART NO.	FOR USE WITH:	CONNECTION SIDE:	A	B	C	D	E	F	G	H	J	K	L
473-270006-002	DV04/06/08	LH	13.3	16.0	15.3	11.2	18.0	24.3	1.8	1.3	13.1	2.7	14.0
473-270006-001	DV04/06/08	RH	13.3	16.0	15.3	11.2	18.0	24.3	1.8	1.3	13.1	2.7	14.0
473-270007-002	DV10	LH	13.3	16.0	15.2	11.3	23.0	39.3	1.8	1.4	13.1	2.7	14.0
473-270007-001	DV10	RH	13.3	16.0	15.2	11.3	23.0	39.3	1.8	1.4	13.1	2.7	14.0

### Two Row Coil Heating Capacities

120°F ENTERING WATER TEMPERATURE									150°F ENTERING WATER TEMPERATURE									180°F ENTERING WATER TEMPERATURE										
GPM	PD PT.	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F	TOT MBH	LVG AIR °F	LVG WTR °F			
<b>DVB04 with HW Coil Accessory (473-270006-001/002)</b>																												
		300 CFM			400 CFM			500 CFM			300 CFM			400 CFM			500 CFM			300 CFM			400 CFM			500 CFM		
1.0	0.15	9	86.9	102.4	10	82.9	100.0	11	80.2	98.0	13	100.7	123.4	15	94.6	119.8	17	90.5	116.8	18	114.1	144.6	20	106.1	139.8	22	100.6	135.8
2.0	0.60	10	90.0	109.9	12	86.6	108.4	13	84.0	106.9	15	106.2	134.9	17	99.9	132.5	20	95.8	130.5	20	121.8	159.8	23	113.4	156.7	26	107.9	153.9
3.0	1.36	11	92.1	113.0	12	88.2	111.8	14	85.7	110.7	16	108.6	139.4	19	102.4	137.7	21	98.7	135.9	21	124.2	166.0	25	116.7	163.5	28	111.6	161.3
<b>DVB06 with HW Coil Accessory (473-270006-001/002)</b>																												
		500 CFM			600 CFM			700 CFM			500 CFM			600 CFM			700 CFM			500 CFM			600 CFM			700 CFM		
2.0	0.60	13	84.0	106.9	14	81.7	105.8	15	79.9	104.8	20	95.8	130.5	21	92.6	128.7	23	90.0	127.1	26	107.9	153.9	29	103.6	151.5	30	99.8	149.6
3.0	1.36	14	85.7	110.7	16	83.7	109.7	17	81.9	108.9	21	98.7	135.9	23	95.5	134.5	25	92.8	133.3	28	111.6	161.3	31	107.6	159.3	33	103.8	157.7
4.0	2.41	14	86.4	112.8	16	84.5	112.0	17	82.5	111.4	22	99.8	139.1	24	96.7	138.0	26	93.8	137.1	29	112.7	165.6	32	108.9	164.0	34	105.1	162.8
<b>DVB08 with HW Coil Accessory (473-270006-001/002)</b>																												
		700 CFM			800 CFM			900 CFM			700 CFM			800 CFM			900 CFM			700 CFM			800 CFM			900 CFM		
3.0	1.36	17	81.9	108.9	18	80.3	108.2	19	79.1	107.5	25	92.8	133.3	27	90.5	132.3	28	88.6	131.3	33	103.8	157.7	35	100.6	156.4	38	98.2	155.0
4.0	2.41	17	82.5	111.4	18	81.0	110.8	19	79.8	110.3	26	93.8	137.1	28	91.7	136.2	29	89.9	135.3	34	105.1	162.8	37	102.1	161.6	39	99.8	160.5
5.0	3.77	18	82.8	113.0	19	81.6	112.5	20	80.4	112.0	26	94.3	139.5	28	92.6	138.6	30	90.7	138.0	35	106.8	165.9	38	103.1	165.0	40	100.7	164.0
<b>DVB10 with HW Coil Accessory (473-270007-001/002)</b>																												
		900 CFM			1000 CFM			1100 CFM			900 CFM			1000 CFM			1100 CFM			900 CFM			1000 CFM			1100 CFM		
4.0	0.90	21	81.4	109.5	22	80.4	108.9	23	79.3	108.4	32	92.1	134.2	33	90.6	133.3	35	89.1	132.5	42	102.8	159.0	45	100.8	157.7	47	98.8	156.7
5.0	1.32	22	82.0	111.4	23	81.0	110.8	24	80.0	110.4	33	93.3	136.9	34	91.6	136.2	36	90.0	135.6	44	104.4	162.6	46	102.1	161.6	48	100.0	160.8
6.0	1.83	22	82.7	112.6	24	81.6	112.2	25	80.5	111.8	33	94.0	138.9	35	92.5	138.2	37	90.9	137.7	45	105.6	165.1	47	103.0	164.4	49	100.9	163.7



# DV Series AIR FLOW

## DV CFM vs. External Static for Standard Unit

MODEL	SPEED SETTINGS	.10 ESP CFM	.20 ESP CFM	.30 ESP CFM	.40 ESP CFM	.50 ESP CFM
DVA04	HIGH	515	485	455	415	370
	MEDIUM	405	385	355	320	275
	LOW	280	265	245	225	190
DVA06	HIGH	755	725	690	650	605
	MEDIUM	585	570	550	530	495
	LOW	490	480	470	460	430
DVA08	HIGH	950	900	830	760	710
	MEDIUM	865	815	760	710	665
	LOW	700	685	665	640	600
DVA10	HIGH	1270	1215	1170	1120	1070
	MEDIUM	1100	1060	1030	1010	970
	LOW	930	905	890	880	860

## DV with VH-2 CFM vs. External Static for Standard Unit with Hot Water Coil

MODEL	SPEED SETTINGS	.10 ESP CFM	.20 ESP CFM	.30 ESP CFM	.40 ESP CFM	.50 ESP CFM
DVA04 w/VH-400-2	HIGH	495	465	430	390	345
	MEDIUM	395	370	340	305	265
	LOW	275	260	240	220	185
DVA06 w/VH-600-2	HIGH	720	690	650	610	560
	MEDIUM	570	555	535	510	470
	LOW	485	475	465	450	395
DVA08 w/VH-800-2	HIGH	850	790	745	705	650
	MEDIUM	790	745	705	660	610
	LOW	685	665	640	605	560
DVA10 w/VH-1000-2	HIGH	1180	1135	1090	1035	985
	MEDIUM	1045	1020	1000	950	905
	LOW	905	890	880	860	830