Vantage price 2-ROW PERFORMANCE COMPARISON

Standard SDV with 2-Row Water Coil - 55 °F EAT, 140 °F EWT

Unit Size	Max Cooling Airflow (CFM)	Reheat Airflow (CFM)	Max Coil APD (in. w.g.)	LAT (°F)	WC Capacity (MBH)	Fluid Flow (GPM)	LWT (°F)	FPD (ft. w.g.)	Discharge NC	Radiated NC
4	175	88	0.06	90	3.40	0.16	97.2	0.01	33 (2)	--
6	400	200	0.23	90	7.60	0.49	108.6	0.06	26 (2)	20 (3)
8	700	350	0.44	90	13.40	1.01	113.2	0.26	22 (2)	--
10	1100	550	0.51	90	20.90	1.65	114.3	0.79	--	--
12	1575	788	0.56	90	29.90	2.4	114.7	1.89	--	--
14	2150	1075	0.52	90	40.80	2.89	111.3	1.18	--	--
		Average	**0.39**			**8.60**	**112.6**	**0.70**		

Vantage SDV with 2-Row LWT Coil - 55 °F EAT, 140 °F EWT

Unit Size	Max Cooling Airflow (CFM)	Reheat Airflow (CFM)	Max Coil APD (in. w.g.)	LAT (°F)	WC Capacity (MBH)	Fluid Flow (GPM)	LWT (°F)	FPD (ft. w.g.)	Discharge NC	Radiated NC
4	175	88	0.04	90	3.40	0.15	94.4	0.07	33 (2)	24 (2)
6	400	200	0.17	90	7.70	0.43	103.6	0.56	28 (3)	22 (2)
8	700	350	0.24	90	13.40	0.8	106	2.21	29 (2)	24 (2)
10	1100	550	0.31	90	20.90	1.32	107.7	6.67	28 (2)	20 (4)
12	1575	788	0.31	90	29.90	1.77	105.7	1.38	24 (2)	20 (3)
14	2150	1075	0.36	90	40.80	2.53	107.3	2.79	28 (2)	21 (4)
		Average	**0.24**			**7.00**	**106.3**	**2.28**		
		Change	**-38%**			**-19%**	**23%**	**+1.6**		

Standard SDV with 2-Row Water Coil - 55 °F EAT, 120 °F EWT

Unit Size	Max Cooling Airflow (CFM)	Reheat Airflow (CFM)	Max Coil APD (in. w.g.)	LAT (°F)	WC Capacity (MBH)	Fluid Flow (GPM)	LWT (°F)	FPD (ft. w.g.)	Discharge NC	Radiated NC
4	175	88	0.06	90	3.50	0.29	95.8	0.02	33 (2)	--
6	400	200	0.23	90	7.70	0.81	100.8	0.14	26 (2)	20 (3)
8	700	350	0.44	90	13.40	1.44	101.2	0.51	22 (2)	--
10	1100	550	0.51	90	20.90	2.29	101.5	1.49	--	--
12	1575	788	0.56	90	29.90	3.31	101.7	3.53	--	--
14	2150	1075	0.52	90	40.80	11.98	113.1	15.55	--	--
		Average	**0.39**			**20.12**	**108.3**	**3.54**		

Vantage SDV with 2-Row LWT Coil - 55 °F EAT, 120 °F EWT

Unit Size	Max Cooling Airflow (CFM)	Reheat Airflow (CFM)	Max Coil APD (in. w.g.)	LAT (°F)	WC Capacity (MBH)	Fluid Flow (GPM)	LWT (°F)	FPD (ft. w.g.)	Discharge NC	Radiated NC
4	175	88	0.04	90	3.50	0.26	93.1	0.16	33 (2)	24 (2)
6	400	200	0.17	90	7.70	0.69	97.5	0.89	28 (3)	22 (2)
8	700	350	0.24	90	13.40	1.26	98.6	3.4	29 (2)	24 (2)
10	1100	550	0.31	90	20.90	2.08	99.6	10.27	28 (2)	20 (4)
12	1575	788	0.31	90	29.90	2.7	97.6	3.06	24 (2)	20 (3)
14	2150	1075	0.36	90	40.80	3.89	98.8	6.27	28 (2)	21 (4)
		Average	**0.24**			**10.88**	**98.4**	**4.01**		
		Change	**-38%**			**-46%**	**31%**	**+0.5**		

Vantage price 2-ROW PERFORMANCE COMPARISON

Standard SDV with 2-Row Water Coil - 55 °F EAT, 110 °F EWT

Unit Size	Max Cooling Airflow (CFM)	Reheat Airflow (CFM)	Max Coil APD (in. w.g.)	LAT (°F)	WC Capacity (MBH)	Fluid Flow (GPM)	LWT (°F)	FPD (ft. w.g.)	Discharge NC	Radiated NC
4	175	88	0.06	90	3.40	0.49	96	0.06	33 (2)	--
6	400	200	0.23	90	7.70	2.03	102.4	0.74	26 (2)	20 (3)
8	700	350	0.44	90	13.40	4.07	103.4	3.33	22 (2)	--
10	1100	550	0.51	89	20.60	6.46	103.6	9.69	--	--
12	1575	788	0.56	89	28.80	8.98	103.5	21.58	--	--
14	2150	1075	0.52	85	35.20	14.06	104.9	21.34	--	--
		Average	**0.39**			**36.09**	**103.9**	**9.46**		

Vantage SDV with 2-Row OS or LWT Coil - 55 °F EAT, 110 °F EWT

Unit Size	Max Cooling Airflow (CFM)	Reheat Airflow (CFM)	Max Coil APD (in. w.g.)	LAT (°F)	WC Capacity (MBH)	Fluid Flow (GPM)	LWT (°F)	FPD (ft. w.g.)	Discharge NC	Radiated NC
4	175	88	0.04	90	3.40	0.41	93.1	0.37	33 (2)	24 (2)
6	400	200	0.17	90	7.70	1.39	98.9	3.15	28 (3)	22 (2)
8*	700	350	0.24	90	13.40	2.5	99.2	1.77	29 (2)	24 (2)
10*	1100	550	0.31	90	20.20	4.6	100.8	6.48	28 (2)	20 (4)
12	1575	788	0.31	89	28.90	4.59	97.3	8.06	24 (2)	20 (3)
14	2150	1075	0.36	87	37.80	5.54	96.2	12.08	28 (2)	21 (4)
		Average	**0.24**			**19.03**	**98.1**	**5.32**		
		Change	**-38%**			**-47%**	**16%**	**-4.14**		

NOTES:

- "*****" indicates a standard OS coil instead of an OS-LWT coil is being used. In some instances of high LAT and low LWT, the higher coil circuits of an OS coil are beneficial.
- Cells highlighted in red indicate a 90º LAT target is not achieveable. GPM increases above the range of performance accuracy, and FPD is too great for typical systems.
- 85ºF LAT or less is recommended for 110ºF EWT or less.
- "**Change**" show a percent difference for fluid flow, air pressure drop, and waterside delta-T. Difference is shown for average FPD.