

CONSTANT / VARIABLE VOLUME AIR VALVE

UNIT NO.	MANUFACTURER & MODEL NO.	SERVICE	AREA (SF)	TYPE OF CONTROL	QUANTITY	VALVE INLET SIZE (IN.)	CFM		MAX. CFM @ NIGHT SETBACK	CFM DURING E-POWER	AIR SYSTEM	UNIT NO.	MANUFACTURER & MODEL NO.	SERVICE	TYPE OF CONTROL	QUANTITY	VALVE INLET SIZE (IN.)	CFM			MAX. CFM @ NIGHT SETBACK	CFM DURING E-POWER	PHENOLIC COATING	AIR SYSTEM	REMARKS
							MAX.	MIN.										SETUP MAX.	OPER. MAX.	MIN.					
CAS 3819	PHOENIX	ARL 3819, AIRLOCK 3818	620	CV	1	12	960	960	960	0	AH 5.1	CAS 3819	PHOENIX	ARL 3819, AIRLOCK 3818	CV	1	10	N/A	750	750	750	0	NONE	EF 5.3	
VAS 3820	PHOENIX	PROC 3820	185	VAV	1	8	520	185	185	0	AH 5.1	VAE 3820	PHOENIX	PROC 3820	VAV	1	10	N/A	595	260	260	0	NONE	EF 5.3	
CAS 3821	PHOENIX	PROC 3921	120	CV	1	8	425	425	425	0	AH 5.1	CAS 3821	PHOENIX	PROC 3921	CV	1	8	N/A	500	500	500	0	NONE	EF 5.3	PROVIDE 2-POSITION VALVES
VAS 4102	PHOENIX	LAB 4101-4103 INTERIOR	995	VAV	1	14	1915	895	895	0	AH 5.1	VAE 4104	PHOENIX	LAB 4101-4106	VAV	2	14	N/A	3560	695	695	0	NONE	EF 5.1	
VAS 4103	PHOENIX	LAB 4104-4106 INTERIOR	845	VAV	1	14	1410	745	745	0	AH 5.1														
VAS 4104	PHOENIX	LAB 4101-4106 EXTERIOR	0	VAV	1	14	1380	200	200	0	AH 5.1														
VAS 4107	PHOENIX	ENTRY 4107	630	VAV	1	12	900	485	485	0	AH 5.1	VAE 4107	PHOENIX	ENTRY 4107	VAV	1	8	N/A	450	35	35	0	NONE	EF 5.1	
VAS 4301	PHOENIX	TISSUE 4301	105	VAV	1	10	620	105	105	0	AH 5.1	VAE 4301	PHOENIX	TISSUE 4301	VAV	1	10	N/A	695	180	180	0	NONE	EF 5.1	
VAS 4303	PHOENIX	TISSUE 4303	150	VAV	1	10	780	150	150	0	AH 5.1	VAE 4303	PHOENIX	TISSUE 4303	VAV	1	12	N/A	855	225	225	0	NONE	EF 5.1	
CAS 4304	PHOENIX	FUME HOOD 4304	150	CV	1	8	200	200	200	0	AH 5.1	CAE 4304A	PHOENIX	FUME HOOD 4304	CV	1	10	N/A	785	785	785	0	NONE	EF 5.1	
												CAE 4304B	PHOENIX	FUME HOOD 4304	CV	1	10	N/A	785	785	785	0	NONE	EF 5.1	
VAS 4306	PHOENIX	LAB SUPPORT 4306	120	VAV	1	8	405	120	120	0	AH 5.1	VAE 4306	PHOENIX	LAB SUPPORT 4306	VAV	1	8	N/A	480	195	195	0	NONE	EF 5.1	
CAS 4501A	PHOENIX	AH 5.1 CHILLED BEAM OSA	2375	CV	1	14	1965	1965	1965	0	AH 5.1	CAE 4603	PHOENIX	TOILET 4603, 4604	CV	1	8	N/A	240	240	240	0	NONE	EF 5.1	
VAS 4806	PHOENIX	LAB 4805-4807 INTERIOR	845	VAV	1	14	1230	745	745	0	AH 5.1	VAE 4808	PHOENIX	LAB 4805-4810	VAV	2	14	N/A	3350	545	545	0	NONE	EF 5.1	
VAS 4809	PHOENIX	LAB 4808-4810 INTERIOR	995	VAV	1	14	1735	895	895	0	AH 5.1														
VAS 4808	PHOENIX	LAB 4805-4810 EXTERIOR	0	VAV	1	14	1680	200	200	0	AH 5.1														
VAS 4605	PHOENIX	TISSUE 4605	150	VAV	1	10	780	150	150	0	AH 5.1	VAE 4605	PHOENIX	TISSUE 4605	VAV	1	12	N/A	855	225	225	0	NONE	EF 5.1	
VAS 4606	PHOENIX	LAB SUPPORT 4606	110	VAV	1	8	370	110	110	0	AH 5.1	VAE 4606	PHOENIX	LAB SUPPORT 4606	VAV	1	8	N/A	445	185	185	0	NONE	EF 5.1	
CAS 4607	PHOENIX	FUME HOOD 4607	150	CV	1	8	200	200	200	0	AH 5.1	CAE 4607A	PHOENIX	FUME HOOD 4607	CV	1	10	N/A	785	785	785	0	NONE	EF 5.1	
												CAE 4607B	PHOENIX	FUME HOOD 4607	CV	1	10	N/A	785	785	785	0	NONE	EF 5.1	
VAS 4608	PHOENIX	TISSUE 4608	150	VAV	1	10	780	150	150	0	AH 5.1	VAE 4608	PHOENIX	TISSUE 4608	VAV	1	12	N/A	855	225	225	0	NONE	EF 5.1	
VAS 4610	PHOENIX	ELECTRICAL 4610	155	VAV	1	12	875	90	90	0	AH 5.1	VAE 4610	PHOENIX	ELECTRICAL 4610	VAV	1	14	N/A	1800	1065	1065	0	NONE	EF 5.1	
VAS 4109	PHOENIX	LAB 4108-4110 INTERIOR	995	VAV	1	14	1855	895	895	0	AH 5.2	VAE 4111	PHOENIX	LAB 4108-4113	VAV	2	14	N/A	3590	845	845	0	NONE	EF 5.2	
VAS 4112	PHOENIX	LAB 4111-4113 INTERIOR	845	VAV	1	14	1350	745	745	0	AH 5.2														
VAS 4111	PHOENIX	LAB 4108-4113 EXTERIOR	0	VAV	1	14	1380	200	200	0	AH 5.2														
VAS 4308	PHOENIX	TISSUE 4308	150	VAV	1	10	780	150	150	0	AH 5.2	VAE 4308	PHOENIX	TISSUE 4308	VAV	1	12	N/A	855	225	225	0	NONE	EF 5.2	
VAS 4310	PHOENIX	LAB SUPPORT 4310	150	VAV	1	8	505	150	150	0	AH 5.2	VAE 4310	PHOENIX	LAB SUPPORT 4310	VAV	1	10	N/A	580	225	225	0	NONE	EF 5.2	
CAS 4311	PHOENIX	FUME HOOD 4311	150	CV	1	8	200	200	200	0	AH 5.2	CAE 4311A	PHOENIX	FUME HOOD 4311	CV	1	10	N/A	785	785	785	0	NONE	EF 5.2	
												CAE 4311B	PHOENIX	FUME HOOD 4311	CV	1	10	N/A	785	785	785	0	NONE	EF 5.2	
VAS 4313	PHOENIX	TISSUE 4312	150	VAV	1	10	780	150	150	0	AH 5.2	VAE 4313	PHOENIX	TISSUE 4312	VAV	1	12	N/A	855	225	225	0	NONE	EF 5.2	
CAS 4501B	PHOENIX	AH 5.2 CHILLED BEAM OSA	3355	CV	2	14	3190	3190	3190	0	AH 5.2														
VAS 4811	PHOENIX	LAB 4811 INTERIOR	600	VAV	1	12	1145	550	550	0	AH 5.2	VAE 4811	PHOENIX	LAB 4811	VAV	1	14	N/A	1745	600	600	0	NONE	EF 5.2	
VAS 4811A	PHOENIX	LAB4811 EXTERIOR	0	VAV	1	10	600	50	50	0	AH 5.2														
VAS 4611	PHOENIX	TISSUE 4611	140	VAV	1	10	730	140	140	0	AH 5.2	VAE 4611	PHOENIX	TISSUE 4611	VAV	1	12	N/A	805	215	215	0	NONE	EF 5.2	
VAS 4813	PHOENIX	LAB 4812-4814 INTERIOR	925	VAV	1	14	1530	825	825	0	AH 5.2	VAE 4815	PHOENIX	LAB 4812-4817	VAV	2	14	N/A	3900	720	720	0	NONE	EF 5.2	
VAS 4816	PHOENIX	LAB 4815-4817 INTERIOR	1010	VAV	1	14	1830	910	910	0	AH 5.2														
VAS 4815	PHOENIX	LAB 4812-4817 EXTERIOR	0	VAV	1	14	1680	200	200	0	AH 5.2														

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PRELIMINARY DRAWINGS

PROGRESS DRAWINGS

REVIEW DRAWINGS

CONSTRUCTION DRAWINGS

DATE

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PRELIMINARY DRAWINGS
PROGRESS DRAWINGS
REVIEW DRAWINGS
CONSTRUCTION DRAWINGS

4/24/10
DATE

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DATE

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