

**SIEMENS**  
**AHU Water Valve Schedule**  
Job Name:  
Job Number:

ACC Rio Grande Renovation  
44OP-239338

Revision Date: 7/16/2018  
Submittal Date: PRELIM  
Engineer: JV

Box ID	Device Number	Service Type	Qty	Actuator	Valve Number	Actuator Model	Config	Body Style	FailSafe	Line Size (in)	Valve Size (in)	Spec Min ΔP	Spec Max ΔP	Submittal			Schedule			Calc Cv	Submitted Cv	Corrected Cv	Calc. Pressure Drop (psi)	Close-off Pressure (psi)	Comment			
														Flow (GPM)	Velocity	Coil ΔP (" WG)	Flow (GPM)	Velocity [ft/s]	Coil ΔP (" WG)									
Mechanical System:														AHU Control Valves														
FCV-1-0-1	V-1	HW	1	171A	599-10305S	GDE131.1P	2W Mod.	Ball-Powermite	NSR	0.75	0.5		5.00	5.80	4.21		0.00			2.59	4	3.94	2.17	200				
FCV-1-0-2	V-2	HW	1	171A	599-10305S	GDE131.1P	2W Mod.	Ball-Powermite	NSR	0.75	0.5		5.00	5.80	4.21		0.00			2.59	4	3.94	2.17	200				
FCV-1-0-3	V-3	HW	1	171A	599-10305S	GDE131.1P	2W Mod.	Ball-Powermite	NSR	0.75	0.5		5.00	5.80	4.21		0.00			2.59	4	3.94	2.17	200				
FCV-1-0-4	V-4	HW	1	171A	599-10305S	GDE131.1P	2W Mod.	Ball-Powermite	NSR	0.75	0.5		5.00	5.80	4.21		0.00			2.59	4	3.94	2.17	200				
FCV-1-0-5	V-5	HW	1	171A	599-10305S	GDE131.1P	2W Mod.	Ball-Powermite	NSR	0.75	0.5		5.00	5.80	4.21		0.00			2.59	4	3.94	2.17	200				
FCV-1-0-6	V-6	HW	1	171A	599-10305S	GDE131.1P	2W Mod.	Ball-Powermite	NSR	0.75	0.5		5.00	5.80	4.21		0.00			2.59	4	3.94	2.17	200				
FCV-1-0-7	V-7	HW	1	171A	599-10305S	GDE131.1P	2W Mod.	Ball-Powermite	NSR	0.75	0.5		5.00	5.80	4.21		0.00			2.59	4	3.94	2.17	200				
FCV-2-0-1	V-8	HW	1	171A	599-10305S	GDE131.1P	2W Mod.	Ball-Powermite	NSR	0.75	0.5		5.00	5.80	4.21		0.00			2.59	4	3.94	2.17	200				
FCV-2-0-2	V-9	HW	1	171A	599-10305S	GDE131.1P	2W Mod.	Ball-Powermite	NSR	0.75	0.5		5.00	5.80	4.21		0.00			2.59	4	3.94	2.17	200				
FCV-2-0-3	V-10	HW	1	171A	599-10305S	GDE131.1P	2W Mod.	Ball-Powermite	NSR	0.75	0.5		5.00	5.80	4.21		0.00			2.59	4	3.94	2.17	200				
FCV-2-0-4	V-11	HW	1	171A	599-10305S	GDE131.1P	2W Mod.	Ball-Powermite	NSR	0.75	0.5		5.00	5.80	4.21		0.00			2.59	4	3.94	2.17	200				
FCV-2-0-5	V-12	HW	1	171A	599-10305S	GDE131.1P	2W Mod.	Ball-Powermite	NSR	0.75	0.5		5.00	5.80	4.21		0.00			2.59	4	3.94	2.17	200				
FCV-2-0-6	V-13	HW	1	171A	599-10305S	GDE131.1P	2W Mod.	Ball-Powermite	NSR	0.75	0.5		5.00	5.80	4.21		0.00			2.59	4	3.94	2.17	200				
FCV-2-0-7	V-14	HW	1	171A	599-10305S	GDE131.1P	2W Mod.	Ball-Powermite	NSR	0.75	0.5		5.00	5.80	4.21		0.00			2.59	4	3.94	2.17	200				
FCV-2-3-1	V-15	HW	1	171A	599-10305S	GDE131.1P	2W Mod.	Ball-Powermite	NSR	0.75	0.5		5.00	5.80	4.21		0.00			2.59	4	3.94	2.17	200				
FCV-2-3-2	V-16	HW	1	171A	599-10305S	GDE131.1P	2W Mod.	Ball-Powermite	NSR	0.75	0.5		5.00	6.60	4.79		0.00			2.95	4	3.94	2.80	200				

All control valves shall be installed by the Mechanical Contractor.  
Config: 2W - 2 Way 3W - 3 Way Mod. - Modulating Flt. - 3-wire Floating 2Pos - Two position  
Body Style: CCV - "Ball"/Characterized Control Valve Globe = Globe Valve BF = Butterfly Valve  
Failsafe: NO - Normally Open NC - Normally Closed NSR - Non-Spring Return SR - Spring Return