



Experience. Precision. Quality.




Unitary Valves

Application Overview

	Pipe Size (inches)				
	1/2"	3/4"	1"	1-1/4"	1-1/2"
Fan Coil Units	VU Fan Coil Valve				
	VC Cartridge Cage Valve				
	V58 Cartridge Globe Valve				
Unit Ventilators	VU Fan Coil Valve				
	VC Cartridge Cage Valve				
	V58 Cartridge Globe Valve				
Unit Heaters	VU Fan Coil Valve				
	VC Cartridge Cage Valve				
	V58 Cartridge Globe Valve				
Reheat Coils	VU Fan Coil Valve				
	VC Cartridge Cage Valve				
	V58 Cartridge Globe Valve				
Blower Coil	VU Fan Coil Valve				
	VC Cartridge Cage Valve				
Convectors	VU Fan Coil Valve				
	VC Cartridge Cage Valve				
	V58 Cartridge Globe Valve				
Radiant Panels	VU Fan Coil Valve				
	VC Cartridge Cage Valve				
	V58 Cartridge Globe Valve				
Chilled Ceiling	VC Cartridge Cage Valve				
	V58 Cartridge Globe Valve				

Electric Actuators

Actuator Features	VU843A
Power Supply	24 Vac
Control Type	
Actuator Stroke (Degrees/inches)	
Force/Torque	
Fail-safe Action	
Auxiliary Switch/Feedback	

	Valve Family	Body Type	ANSI Body Class	Maximum Static Water Pressure	Maximum Steam Pressure	Pipe Fittings	Body Sizes	Cv Range	A-Port Flow Characteristic		
 Fan Coil	VU52S2...	Straight-Through N.O.	N/A	300 psig	N/A	Sweat	1/2...1	1.0...8.0	Quick Open	50 @ 10 @	
	VU52N1...					F NPT					
	VU53S2...	Straight-Through N.C.				Sweat					
	VU53N1...					F NPT					
	VU54S2...	Mixing				Sweat					1.5...7.0
	VU54N1...					F NPT					
 Cartridge Cage	VC Z A/B...	2-way N.C.	N/A	300 psig	N/A	Sweat, F NPT	1/2...1-1/4	0.6...8.3	Modified Equal %		
	VC Z M/N...	Mixing or Diverting						0.6...9.8	Linear		
 Cartridge Globe	V5852A2...	2-way N.O.	N/A	235 psig	N/A	Sweat	1/2...3/4	0.2...4.9	Equal % ^a		
	V5853A1/A2...	Mixing									
	V5862A2...	2-way N.O.									
	V5863A1/A2...	Mixing				Female NPT					
	V5862A3...	2-way N.C.									1...1-1/2
	V5863A3...	Mixing									

^a Electronic Fail Safe
Refer to product data manual, 63-XXXX

Tried, Tested And True

Honeywell's Unitary Valve line consists of 3 separate valve families. The Fan Coil Valve family (VU), the Cartridge Cage Valve family (VC) and the Cartridge Globe Valve family (V58). With millions sold and in service and over 20 years of experience, the Unitary Valve line focuses on serviceability and flexibility. This line features everything from fully replaceable cartridges to simplified actuator installation, these features help make Honeywell the line the choose for all of your Unitary Valve needs.



VU443A	VU443E	VU844A	VU444A	VC7934	VC6834	VC6934	VC8114	VC4011	VC6936	VC7936	M7410F1	M6410A1	M7410F3	M6435A3	M7435F1	M6435A1	M7435F3	M6435A3
Line Voltage	24 Vac	Line Voltage		24 Vac			120 Vac	24 Vac			24 Vac							
On/Off			0/2-10 Vdc	Floating			On/Off	Floating		0/2-10 Vdc	0/2-10 Vdc	Floating	0/2-10 Vdc	Floating	0/2-10 Vdc	Floating	0/2-10 Vdc	Floating
22°	45°		3/8"								1/4"							
9 in-oz			20 lb.				14 lb.				40.5	67.5		40.5	67.5			
SR N.C.	SR N.O.		Stay in place (NSR)						* EFS NO/NC		Stay in place (NSR)				SR stem up			
Yes/			Yes/															

CLOSE-OFF PRESSURE (psid)

	50 @ 1 Cv 10 @ 8 Cv																	
1 Cv 8 Cv																		
	25 @ 1.5 Cv 12 @ 7 Cv																	
			60 Cv															
											232 @ 0.7 Cv 174 @ 1.9 Cv 58 @ 4.9 Cv				232 @ 0.7 Cv 174 @ 1.9 Cv 58 @ 4.9 Cv			
													232 @ 11 Cv 174 @ 25 Cv				232 @ 11 Cv 174 @ 25 Cv	

Learn More

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63-9959 PR
March 2008
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