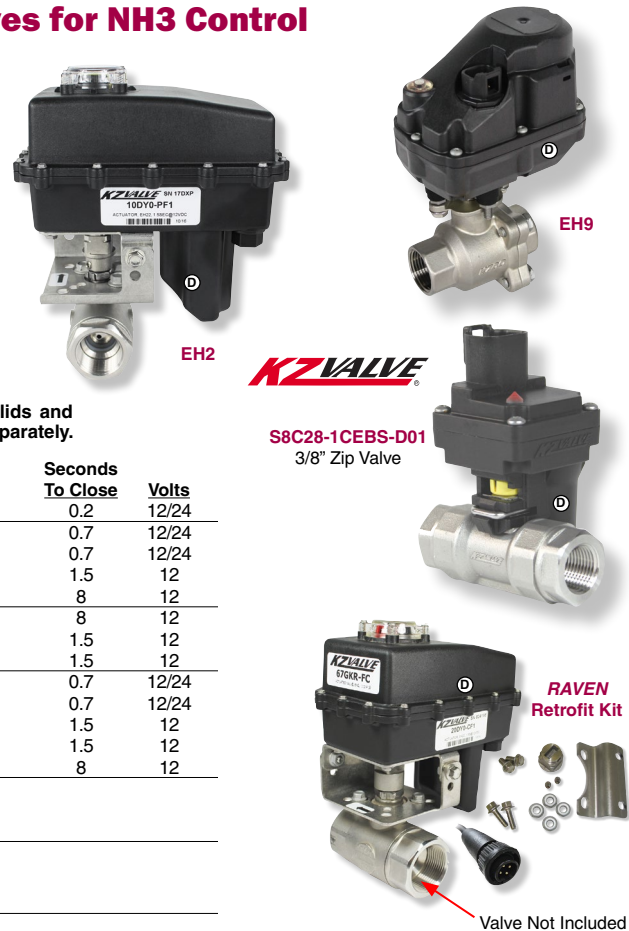


KZ VALVE 12/24 Volt Stainless Ball Valves for NH3 Control

KZ Valve's 67 & S Series 12/24 Volt Vented Stainless Steel Ammonia Ball Valves are designed specifically for Anhydrous Ammonia applications and built to withstand the NH3 environment. Engineered for precision actuation, the 2-way ammonia valves feature stainless steel bodies, stems, and NH3 vented balls. **67 Series** valves available in 1/4" full port models; **S Series** available in 1" full port. Maximum PSI at 70° is 2000 PSI for 1/4" - 3/4", 1500 PSI for 1-1/2" and 2", and 600 PSI for 1" (S series) valves. Actuators are waterproof rated (NEMA 6P) and ignition safe (NEMA 7D) for proven performance season after season. Wiring on all EH2 and EH9 actuators works with all computerized spray monitor consoles — allowing the valve to be turned On/Off via the monitor's own switches. **Stainless Steel Zip Valves** feature 3/8" FPT standard ports and are rated to a maximum of 600 PSI.



NOTE: KZ Valve EH9 actuators are direct plug-in with 4-Pin Deutsch receptacle lids and therefore do NOT include pigtail or adapter wiring harnesses – must be purchased separately.

Part No.	Port Size/Type	Valve/Actuator Type	On-Off or Regulating	Seconds To Close	Volts
KZ S8C28-1CEBS-D01	3/8" FPT Std.	** 3/8" Zip Valve, EH8	On-Off	0.2	12/24
KZ S8F33-1CE9S-D01	1" FPT Full	† 1" Valve, EH9	On-Off	0.7	12/24
KZ S8F33-1CE9S-C01	1" FPT Full	* 1" Valve, EH9	On-Off	0.7	12/24
KZ S8F22-20DY0-CF1	1" FPT Full	* 1" Valve, EH2	Regulating	1.5	12
KZ S8F22-K0HU0-CF1	1" FPT Full	* 1" Valve, EH2	Regulating	8	12
KZ 67G22-K0HU0-CF1	1-1/4" FPT Std.	* 1-1/4" Valve, EH2	Regulating	8	12
KZ 67G22-10DY0-CF1	1-1/4" FPT Std.	* 1-1/4" Valve, EH2	On-Off	1.5	12
KZ 67G22-20DY0-CF1	1-1/4" FPT Std.	* 1-1/4" Valve, EH2	Fast Regulating	1.5	12
KZ 1CE9S-C01		*EH9 Actuator for 1/2"-1-1/2" Valves	On-Off	0.7	12/24
KZ 1CE9S-D01		†EH9 Actuator for 1/2"-1-1/2" Valves	On-Off	0.7	12/24
KZ 10DY0-CF1		* EH2 Actuator for 3/4"-2" Valves	On-Off	1.5	12
KZ KR-ONOFF		*Actuator Retrofit Kit for Raven Valves	On-Off	1.5	12
KZ KR-FC8		*Actuator Retrofit Kit for Raven Valves	Regulating	8	12
KZ 210-0013-1		Repair Kit for 1" 67F Series Valves			
KZ 210-0017-1		Repair Kit for 1-1/4" 67G Series Valves			
KZ 210-0001-1		Repair Kit for 1-1/2" 67H Series Valves			
KZ 398-0716		Adaptor Harness, 4-Pin Weatherpack to Deutsch Plug			
KZ 398-0721		Adaptor Harness, 4-Pin Receptacle to Deutsch Plug			
KZ 398-0722		Adaptor Harness, 3-Pin Weatherpack to Deutsch Plug			

* Features Raven Conxall Connector. ** Features Deutsch Receptacle & Positive at Close Feedback.
 † Features EH9 Series Actuator; does NOT include wiring harness - sold separately.

RAVEN INDUSTRIES Raven NH3 Valves

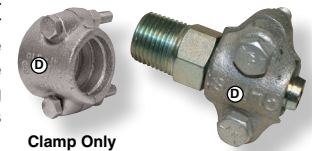
Raven NH3 Valves enable accurate on-off flow control of anhydrous ammonia and are available in **On/Off, Control (Regulating), and Fast (Regulating)** valve control options. Valves feature stainless-steel valve bodies, polypropylene encased 12-volt motor assemblies with Raven Conxall cable connections, and standard port FPT ports. Rated to 250 PSI. A perfect NH3 valve option if also using the **Raven AccuFlow™ Vortex** system.



Part No.	Description
RV 063-0173-876	1" NH3 On/Off Valve, 12V
RV 063-0173-877	1" NH3 Control Valve, 12V
RV 063-0173-878	1" NH3 Fast Valve, 12V
RV 063-0173-667	1-1/2" NH3 On/Off Valve, 12V
RV 063-0173-668	1-1/2" NH3 Control Valve, 12V
RV 063-0173-626	1-1/2" NH3 Fast Valve, 12V
RV 063-0173-664	Motor Assembly for NH3 Control Valves
RV 063-0173-665	Motor Assembly for NH3 On/Off Valves
RV 063-0173-666	Motor Assembly for NH3 Fast Valves

Bolt-On Hose Couplings & Clamps

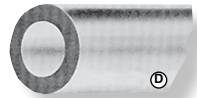
Clamping segments are malleable iron. Insert stems are machined from steel bar stock. Bolts are heat treated automotive type. All parts are rustproof and combine to give a rugged and dependable coupling design. Maximum working pressure is 475 PSI. For LPG or NH3 Hose.



Part No.	N.P.T. Male Thread Size	Hose Inside Diameter
CN 8CL	1/2"	1/2"
CN 12CL	3/4"	3/4"
CN 16CL	1"	1"
CN 20CL	1-1/4"	1-1/4"
CN 2016CL	1"	1-1/4"
CN 24CL	1-1/2"	1-1/2"
CN 32CL	2"	2"



EVA Applicator Tubing



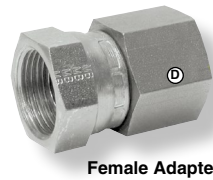
Part No.	I.D.	Reel Length	Wt.	Color
GD V1160-1/4	1/4"	100'	4 lbs.	Clear
GD V1160-1/4X500	1/4"	500'	17 lbs.	Clear
GD V1160-3/8	3/8"	500'	26 lbs.	Clear
GD VB1170-3/8	* 3/8"	500'	26 lbs.	Black
GD V100X3/8	3/8"	100'	9 lbs.	Clear
GD V1160-1/2X500	1/2"	500'	30 lbs.	Clear
GD VB1170-1/2X500	* 1/2"	500'	30 lbs.	Black
GD V100X1/2	1/2"	100'	11 lbs.	Clear
GD V1160-3/4X250	3/4"	250'	30 lbs.	Clear
GD V1160-1	1"	100'	30 lbs.	Clear

* Black Tubing. NOTE: EVA tubing is priced and sold in full reels only. 3/8" & 1/2" are available in 100' Packages. Working pressure @ 70°F = 75 PSI thru 1/2", 60 PSI 3/4"-1"

Please remember there are No Returns on customer specified cut lengths of hose.

Hose Union Adapters

Zinc-Plated Steel
- Not A Live Swivel -



Female Adapter



Male Adapter

Part No.	Size	Style
HH 986	3/4"	FPT x FPT
HH 976	3/4"	MPT x FPT
HH 987	1"	FPT x FPT
HH 977	1"	MPT x FPT
HH 993	1-1/4"	FPT x FPT
HH 979	1-1/4"	MPT x FPT
HH 994	1-1/2"	FPT x FPT
HH 980	1-1/2"	MPT x FPT
HH 995	2"	FPT x FPT
HH 981	2"	MPT x FPT