



CONTINENTAL
NH₃ PRODUCTS

PRODUCT CATALOG

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P.O. Box 225323 • 130 Yorktown • Dallas, TX 75208
214.741.6081 • 800.537.5642 • Fax 214.761.9519
www.continentalnh3.com

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MALE ACME x MALE PIPE THREAD ADAPTOR

Ordering Information

Part Number	ACME Thread	Male Pipe Thread Size	Length	Gasket Number	Nylon Dust Cap	Iron Dust Cap
A-524-A	1-3/4"	1/2"	2-1/4"	22-71F	22-63F	A-529
A-524		3/4"				
A-524-B		1"				
A-524-C		1-1/4"	2-1/2"			
A-532	2-1/4"	1-1/4"	2-3/4"	532-2	-	A-535
A-533-G		1-1/2"			-	
A-534		2"			-	
A-540	3-1/4"	2"	3-1/4"	540-2	-	A-545
A-542		3"			-	
A-542-SC			3-1/2"		-	



A-524-B



A-533-G



A-540



A-542-SC

FEMALE ACME x FEMALE PIPE THREAD ADAPTOR

Ordering Information

Part Number	ACME Thread	Female Pipe Thread Size	Length	Gasket Number	Nylon Dust Cap	Iron Dust Cap
A-1103	1-3/4"	1/2"	1-1/4"	22-71F	22-63F	A-529
A-525		3/4"				
A-525-B		1"				
A-533-GF	2-1/4"	1-1/2"	2-1/2"	532-2	-	A-535
A-544	3-1/4"	2"		540-2	-	A-545



A-525-B



A-533-GF



A-544

FEMALE ACME x MALE ACME COUPLING "SHORT"

Ordering Information

Part Number	Male Pipe Thread Size	ACME Thread	Length
B-523	1/2"	1-3/4"	3-1/8"
B-521	3/4"		
B-521-B	1"		
B-521-BWL			
A-527	1-1/4"	2-1/4"	3-3/4"
A-551	2"	3-1/4"	



B-521-B



B-521-BWL



A-551

FEMALE ACME x FEMALE PIPE THREAD COUPLING "SHORT"

Ordering Information

Part Number	Female Pipe Thread Size	ACME Thread	Length
A-1101	1/2"	1-3/4"	1-1/4"
B-522	3/4"		3-1/8"
B-522-WL			
B-522-B	1"		
B-522-BWL			



B-522-BWL

FEMALE ACME x MALE THREAD COUPLINGS "LONG"

Ordering Information

Part Number	Male Pipe Thread	ACME Thread
A-577-B	1"	1-3/4"
A-577-BLC		
A-577-C	1-1/4"	
A-577-CLC		
A-577-D		
A-577-DLC NEW		
A-577-G	1-1/2"	2-1/4"
A-577-GLC NEW		



A-577-C



A-577-G



A-577-GLC

FEMALE ACME x MALE ACME COUPLINGS

Ordering Information

Part Number	Male ACME	Female ACME
A-580	1-3/4"	1-3/4"
A-582		2-1/4"
A-584		3-1/4"
A-586NEW	2-1/4"	1-3/4"



A-582



A-584



A-586

FEMALE ACME x 2-BOLT CLAMP TYPE COUPLINGS

Ordering Information			
Part Number w/Clamps	Part Number w/o Clamps	Hose Size	ACME Thread
B-526-B-CL	B-526-B	1/2"	1-3/4"
B-526-CL	B-526	3/4"	
B-526A-CL	B-526-A	1"	
B-526C-CL	B-526-C	1-1/4"	
A-528-CL	A-528		2-1/4"
A-552-CL	A-552	2"	3-1/4"



A-552-CL



B-526A-CL

ACME DUST CAPS

Ordering Information		
Part Number	ACME Thread	Description
22-63-F	1-3/4"	Nylon Cap
22-63-FC		Nylon Cap w/Chain
A-529		Iron Cap
A-529-C		Iron Cap w/Chain
A-535	2-1/4"	Iron Cap
A-535-C		Iron Cap w/Chain
A-545	3-1/4"	Iron Cap
A-545-C		Iron Cap w/Chain

A-545-C



22-63-FC



A-529-C



A-535-C

ACME HOSE HANGER ADAPTORS

Ordering Information		
Part number	Acme Thread size	Bolt size
A-524-WB	1-3/4"	1/2"
A-524-WBLC		
A-532-WB	2-1/4"	1/2"



A-524-WBLC



A-532-WB

NOT SUITABLE FOR USE AS A PLUG.

1/4" ACCESSORY ADAPTORS

Ordering Information

Part Number	Male Thread	Female Thread	Side Port
A-416	1"	1"	1/4"
A-416-2*	1"	1"	
A-418	1-1/4"	1-1/4"	
A-419-G	1-1/2"	1-1/2"	



A-416



A-418

* Two 1/4" ports

PIPE THREADED 2-BOLT HOSE END CLAMP COUPLINGS

Our **NH3 clamp type couplings** are designed for use with Anhydrous Ammonia Hose. The stem portion of the coupling is precision machined from steel, and the clamp portion is dependable and rugged ductile iron. Both the stem and clamp are zinc plated for long-lasting protection from rust and corrosion.

Ordering Information

Part Number	Hose Size	Thread Size	Hose O.D.	
			Minimum	Maximum
8-CL	1/2"	1/2" MPT	7/16"	9/16"
12-CL	3/4"	3/4" MPT	23/32"	25/32"
1612-CL		1" MPT	15/16"	1-1/16"
16-CL	1"		15/16"	1-1/16"
2016 CL	1-1/4"	1-1/4" MPT	1-23/32"	1-25/32"
20-CL			1-23/32"	1-25/32"
24-CL	1-1/2"	1-1/2" MPT	1-15/32"	1-17/32"
32-CL	2"	2"	1-7/8"	2-1/23"



12-CL



16-CL



20-CL



24-CL



32-CL

NURSE TANK FILL and VAPOR VALVES

The A-1201 series valve is a high flow, manual shutoff valve for applicator and nurse tanks. It is designed for use as a filler, vapor or liquid withdrawal valve. The rugged ductile iron body is an assurance of durability and a long service life. The built-in excess flow check assembly provides maximum safety in the event of an accidental hose break.

Ordering Information

Part Number	Tank Connection	Outlet Connection	Liquid Fill Rate GPM/NH3 Differential PSI 5 10 20 30	Excess Flow Check Closing GPM/NH3	Feature
B-1201	1-1/4"	1-3/4"	22 35 52 64	42	Plugged port
B-1201-B					Hydrostat Installed
B-1201-C					Bleeder valve installed
B-1201-CY					Barrel style closed yoke excess flow check



NEW
B-1201-CY



B-1201



B-1201-O



B-1201-Y

NURSE TANK FILL WITHDRAWAL

We have a full range of withdrawal valves covering any application required. All withdrawal valves are designed with external excess flow checks. To

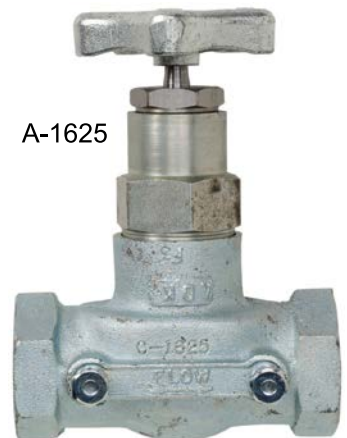
Ordering Information

GLOBE and ANGLE VALVES

Our globe and angle valves incorporate maximum flow efficiency for excellent performance. Maximum flow efficiency makes the "Max-Flow" valves ideal for use on nurse tank and field storage tanks. Rugged ductile iron comprises the valve bodies which come with 1/4" NPT port to allow for installation of an accessory. Long, trouble-free service is assured by a precision ground stainless steel stem, Teflon "V" packing, and a field-proven swivel poppet with nylon seat.

Ordering Information

Part Number	Type	Thread Size	Feature	Repair Kit
B-1250	Angle	1"	1/4" side port plugged	A-2212-RK
B-1650	Globe		90 degree hand wheel	
B-1350	Globe		45 degree hand wheel	
A-2425	Angle	1-1/4"	1/4" side port plugged	A-2550H-RK
A-1625	Globe		90 degree hand wheel	A-25H-RK*
A-2525-H	Globe		45 degree hand wheel	
A-2450	Angle	1-1/2"	1/4" side port plugged	A-2550H-RK
A-2550-H	Globe		Full port 1-1/2" seat 45 degree hand wheel	
A-2600	Angle	2"	1/4" side port plugged	A-26-RK
A-2700	Globe		45 degree hand wheel	
A-2800	Angle	3"	45 degree hand wheel	A-28-RK
A-2900	Globe		1/4" side port plugged	



A-2800

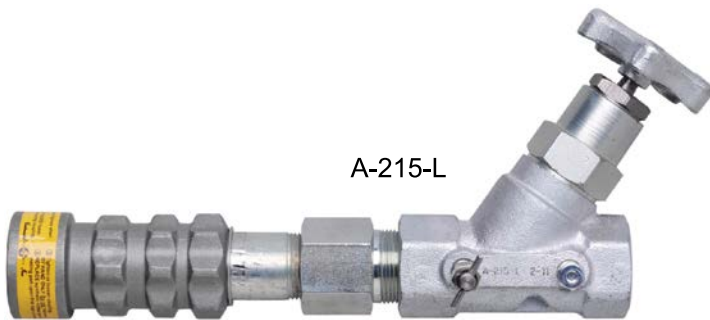
HOSE END VALVE ASSEMBLIES

Continental NH3 (anhydrous ammonia) hose end valve assemblies are factory assembled and tested for use in transfer hose assemblies for both liquid and vapor service. These valve assemblies are a combination of Continental's rugged ductile iron high flow angle or globe valves, full flow 1-3/4" and 2-1/4" ACME thread couplings, either standard length or safety extension, and A-411 stainless steel bleeder valve with the exclusive anti-flash seal ring.

The **A-215-L GlobeValve** promotes maximum flow in a compact design. The 1-1/4 FPT Inlet x 1-3/4 Acme coupling enables the user to take full advantage of the increased flow capacity of the 1-1/4" hoses while at the same time eliminating the flow restriction produced by a reducer bushing required by other valves.

Ordering Information

Part Number	Pipe Thread Size	Acme Thread Size	Style	Feature	Coupling Number
B-212	1"	1-3/4"	Angle	Bleeder valve installed	B-521B
B-214			Globe	Bleeder valve installed 45 degree hand wheel	
B-212L	1"		Angle	Bleeder valve installed	A-577-B
B-214L			Globe	Bleeder valve installed 45 degree hand wheel	A-577-BLC
B-214-LLC					
A-215L	1-1/4"				Bleeder valve installed 45 degree hand wheel
A-215-LLC		A-577-CLC			
A-216-L		2-1/4"		Bleeder valve installed 45 degree hand wheel	
A-216-LLC					A-577-DLC
A-217-L	1-1/2"	Bleeder valve installed 45 degree hand wheel	A-577-G		
A-217-LLC			A-577-GLC		



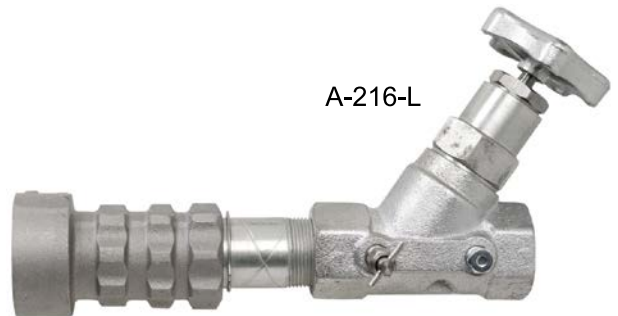
A-215-L



A-217-LLC



B-214L



A-216-L



ALL NEW 1" & 1-1/4" MINIMUM BLEED VALVES

A-QOVM-100 & A-QOVM-125

Continental NH3 Products is proud to introduce our all new line of minimum bleed riser fill valves. The minimum bleed feature allows the users to bleed the connection by loosening the coupling instead of using a bleeder valve. This is achieved by locating the seat down by the end of the coupling. This unique feature is very helpful on risers when filling nurse tanks. We use stainless steel for the stems, poppet, coupling nozzle and guide bushing for extended life. The knurled coupling helps users grip the coupling easier with gloves on and the large handle is great for small and large hands.



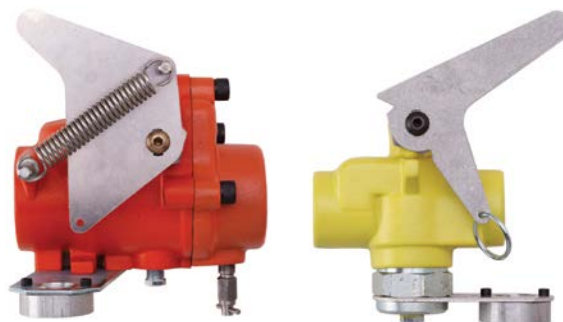
- **1" and 1-1/4" sizes available for 1-3/4" acme connections**
- **Flat rubber seat makes for excellent seal**
- **Stainless steel stem, poppet, stem guide bushing and coupling nozzle**
- **Knurled lower coupling housing helps grip**
- **Large handle**
- **Rugged ductile iron body**
- **Aluminum bonnet**

ESV EMERGENCY SHUT OFF VALVES "CABLE STYLE"

The A-JJ2L two-inch swing valve and the A-JJ2V 1-1/4 inch shutoff valve meet the American National Standards ANSI K61-1 and the Compressed Gas Association CGA-G-2.1 requiring all stationary storage installations to have an emergency shutoff valve installed in the liquid fixed piping. The unique cable arrangement allows the valve to be shut down in case of an emergency from any direction, maximizing the opportunity for a quick and safe shutdown.

Ordering Information

Part Number	Pipe Thread	Feature	Side Port
A-JJ-2-V	1-1/4"	25 feet	1/4"
A-JJ-2-L	2"	25 feet	-
A-JJ-2-V-AA	2"	Includes Air Actuator	-
A-JJ-2-L-AA	2"	Includes Air Actuator	-
A-JJ-3-L-AA	3"	Includes Air Actuator	-



A-JJ-2-L

A-JJ-2-V

AIR ACTUATOR OPTIONAL

HYDRAULIC BALL VALVES

Designed to be mounted quickly and easily on any NH3 metering device. Using standard 1/4" ports of hydraulic hook-up makes this shutoff easily integrated with any tractor hydraulic system. The R-9590 uses a rotor actuated ball valve insuring a long and maintenance free life.

Ordering Information

Part Number	Pipe Thread	Hydraulic hose size
R-9590	1"	1/4"
R-9590-B	1-1/4"	1/4"



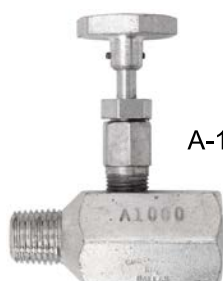
R-9590

NEEDLE VALVES

Our NH3 needle valves are designed for use in ammonia tanks to provide a shut off for the pressure gauge. Its purpose is to allow the operator to remove the gauge for repair or replacement without evacuating the container. The A-1000 is also used on applicators to shut off the supply of NH3 to one or more knives.

Ordering Information

Part Number	Pipe Thread
A-1000	1/4"



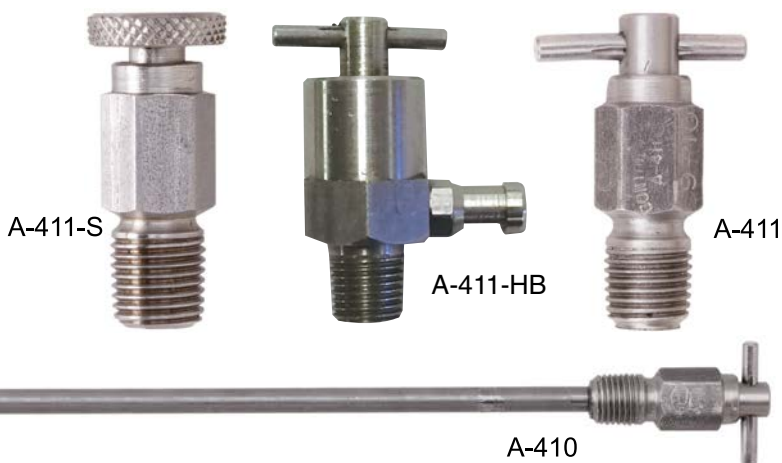
A-1000

BLEEDER and 85 PERCENT "SPIT" VALVES

Our bleeder valves allow your choice of T-handle or knurled screw. They are designed to bleed-off trapped liquid or vapor NH₃ or LPG in hose valves, couplings and piping. Also for installation in tanks as 85% liquid level gauge. Construction features include stainless steel body and screw, exclusive wiper O-ring which virtually eliminates undesirable flashing on operator, and a tapped inlet for installation of a dip tube. Screw is staked into body to prevent loss by vibration.

Ordering Information

Part Number	Pipe Thread	Feature
A-411	1/4"	T - Handle
A-411-S	1/4"	Knurl Handle
A-410	1/4"	12" dip tube installed
A-411-HB	1/4"	outlet hose barb attached



RELIEF and HYDROSTATIC VALVES

Our relief valves are designed for installation in the vapor area of anhydrous ammonia containers for agriculture use. Their function is to open and relieve the pressure when it exceeds the designed working pressure of the container. Our safety relief valves meet the requirements of the ASME Boiler and Pressure Vessel Code (Section VIII Div. 1).

Ordering Information

Part Number	Inlet/NPT	Wrench Size	Overall Height	Set Pressure	SCFM U.V.	SCFM U.L.
A-402-VA	3/4"	1-3/4"	3-1/2"	250 PSIG	2057	
A-402-VA-265				265 PSIG	2130	
A-417-AB	1-1/4"	3"	8"	250 PSIG	5341	5886
A-400	1/4"	9/16"	1-1/2"	375 PSI	-	-
A-400-A				312 PSI	-	-
A-400-B				250 PSI	-	-
A-400-C				350 PSI	-	-



RELIEF VALVE MANIFOLD

The A-462 provides two 1-1/4 FPT openings for installation of safety relief valves. Stainless steel bleeder valves are provided below each of the two openings to evacuate the chamber before removing the relief valves for periodic inspection and maintenance. The shutoff assembly is designed so that only one port may be closed at one time thereby assuring the protection of one relief valve at all times.

Ordering Information

Part Number	Relief Valve Set Pressure	Relief Valve SCFM/AIR (ASME)	Manifold Rated Flow**	Container Connection*	Relief Valve Connections	Installation Radius
A-462	250 PSI	5341 U.V. or 5886 U.L.	4150	2" FPT	1-1/4" FPT	9"

* 2" SCH 80 PIPE NIPPLE FURNISHED.

** RATED IN ACCORDANCE WITH ANSI K 61.1
(1 RELIEF VALVE INSTALLED ON PORT WITH GREATER FLOW RESTRICTION).



FULL PORT BACK CHECK VALVES

Our new line of back check valves have some very important features. First of all they are "Full Port", which means the hole size inside the valve is the same size as the pipe thread. Absolutely no restriction in the through hole and with the swing valve style seat assembly that swings completely out of the flow when in use you can rest assured you won't be restricting flow when you need it. The internal mechanisms are stainless steel to prevent rust and corrosion due to N-serve or other additives.

Ordering Information

Part Number	Pipe Thread Size	Repair Kit
A-14BC	1-1/4"	A-14BC-RK
A-15BC	1-1/2"	A-15BC-RK

A-14BC



EXCESS FLOW VALVES

Our inline excess flow valves are specially designed to be installed in piping that requires additional protection against an unexpected release of Anhydrous Ammonia. They are rated at 45 or 60 gallons per minute, plus or minus 10 percent, and is completely enclosed. By designing it this way we control the diameter around the disk making it more accurate and high flow. For more flow and less restriction try using the 1-1/2" model.

Ordering Information

Part Number	Pipe Thread Size	Flow Rating
A-EFV-45	1-1/4"	45 GPM
A-EFV-45-G	1-1/2"	45-GPM
A-EFV-60-G	1-1/2"	60 GPM



A-EFV-45

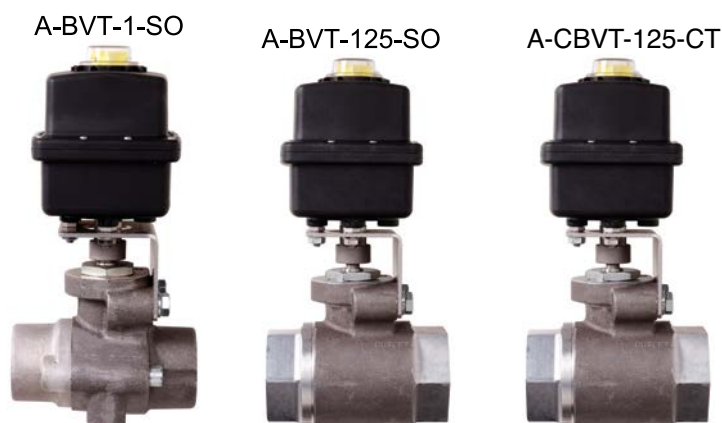
ELECTRIC CONTROL and SHUT OFF VALVES

Ordering Information

Part Number	Flow Opening Size	Pipe Connection Size	Feature
A-CBVT-125-CT*	1-1/4"	1-1/4"	120-degree control
A-BVT-125-SO			shut off only
A-BVT-125-CT			control and shut off
A-BVT-1-CT	1"	1"	control and shut off
A-BVT-1-SO			shut off only
A-BVT-CT		1" MALE TO FEMALE	control and shut off
A-BVT-SO			shut off only

*A-CBVT-125-CT CAN ONLY BE USED IN A 2 VALVE SYSTEM, IT CANNOT DOUBLE AS A SHUT OFF VALVE.

Continental NH3 Products is excited to announce our brand new 1-1/4" 120 degree electric control valve. The most unique feature of this valve is its 120 degree's of control. Where most control valves use a ball for 90 degrees of turn we use a "V" shaped meter barrel for 120 degrees of turn, that's 30 degree more turn. This allows for more accurate control and less "oscillation". The large 1-1/4" through hole allows for high volume application and the "V" cut in the barrel lets small grain growers and side dress applicators achieve more accurate control on the low end. For higher flow and more accurate control try the new A-CBVT-125-CT.



A-SF-OV

HEAT EXCHANGERS

Ordering Information

Part number	Connection size	Mounting option	Flow rating 100 psi 1-1/4" hose	Flow rating 100 psi 1-1/2" hose
A-SF-3000GT	1-1/2"	Single unit vertical mount	30 GPM	45 GPM
A-SF-3000GH	1-1/2"	Single unit horizontal mount	30 GPM	45 GPM
A-SF-3000BD	1-1/2"	Dual welded unit horizontal mount	45 GPM	70 GPM +

With 1-1/2" openings being 40 percent larger and using 1-1/2" hose and equipment our new horizontal mounted A-SF-3000GA can achieve increased flow rates of 50 percent compared to traditional 30 GPM heat exchangers. Incorporating standard 13" high mounting brackets makes retrofitting any type of flow meter and control valves simple and easy. Using standard U-bolts to mount the unit to the brackets allows for flexible mounting options. The U-bolts can be mounted at just about any position along the length of the super-flow. 1/2" male threads on the inlet allows for easy attachment of a 1-1/2" Y-strainer and with the large opening in the bracket that allows for your piping to run through the bracket makes the new Super flow a breeze to install and plumb.

If you're looking for more capacity and faster speeds in cold weather then our new line of 1-1/2" equipment is the way to go. Dollar for dollar this is the biggest bang for your buck you will find. With new pumping systems costing over \$5000.00 you can achieve similar flow rates for far less money.



AUTO RATE FLOW CONTROL KITS

These units include everything you need to install on your toolbar for auto rate control set up. Heat exchangers, flow meter, y-strainers and ball valves, motorized control and shut off valves, mounting brackets and fittings. All you need to supply is hoses, wire harness and console.

Ordering Information

Part number	Connection size	Mounting option	Flow rating 100 psi 1-1/4" hose	Flow rating 100 psi 1-1/2" hose
A-SF-3000GT-KIT	1-1/2"	Single unit vertical mount	30 GPM	45 GPM
A-SF-3000GH-KIT	1-1/2"	Single unit horizontal mount	30 GPM	45 GPM
A-SF-3000BD-KIT	1-1/2"	Dual welded unit horizontal mount	45 GPM	70 GPM +
A-SF-3000GHY2-KIT	2"	Single unit horizontal mount	45 GPM	70 GPM



A-SF-3000BD-KIT



A-SF-3000GH-KIT



A-SF-3000-GHY2-Kit 70 GPM

A-SF-OV ORIFICE VALVE for HEAT EXCHANGERS

Bucket tests show that dump lines from heat exchangers can add as much as 50 percent to much nitrogen on the rows they are plumbed on. Continental's new orifice valve restricts the flow to only the amount the heat exchanger needs. This eliminates the extra nitrogen from going out the dump lines and puts it in the manifolds where it belongs

INCLUDED IN ALL HEAT EXCHANGERS



- Reduce the amount of NH3 coming out of the dump lines
- 4 orifice sizes to choose from for any application range
- Stainless steel orifice disc to eliminate rusting
- Works with RAVEN and CONTINENTAL heat exchangers
- Eliminates orifice hose barbs and Allen threaded inserts to keep up with
- Change orifice size in just a few seconds

A-360 MANIFOLDS and SPLITTERS

The A-360 manifold system is a complete turnkey design that includes splitters and manifolds made to your exact application needs. Distribution accuracies as close as 1-3 percent to your target rate. Includes stainless steel hose barbs, orifices and mounting hardware. Can be installed upside down with no affect on distribution.

Ordering Information

Part number	Available outlets	Inlet size	Outlet size	Rate Range	Manifold / Splitter
A-360MA-W	3-16	1"	1/4", 3/8", 1/2" hose	20-130 lbs N per outlet	Manifold
A-360MA-C	3-13	1"	3/8", 1/2" hose	110 & up lbs N per outlet	Manifold
A-360SP	3-10	1-1/4"	3/4" FPT	Up to 3200 lbs N per outlet	Splitter
A-360SP-J	3-10	1-1/4"	3/4" FPT	2000-6600 lbs N per outlet	Jumbo Splitter
A-360MA-J	3-15	1"	1/4", 3/8", 1/2" hose	130 lbs N Minimum	Jumbo Manifold

Not for use on
low rates



A-360SP



A-360MA-C

MVD and SVD MANIFOLDS AND SPLITTERS

The MVD is great budget line even distribution system that going to get you within 6-8 percent accuracy. The MVD has the option to have it either custom made to the exact number of outlets you require or you can plug off what you don't need. Just chose the manifold size you need, large or small, and your good to go. Keep in mind for better distribution accuracy please see the A-360 series above.

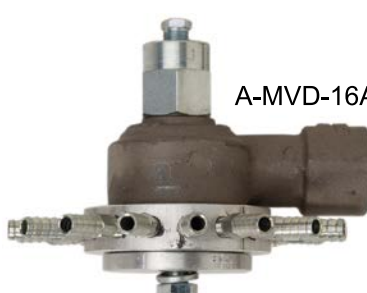
Ordering Information

Part number	Available outlets	Inlet size	Outlet size	Rate Range	Manifold / Splitter
A-MVD-16A120	3-16	1"	1/4", 3/8", 1/2" hose	20 to 150 lbs N per outlet*	Manifold
A-MVD-16B120	3-16	1"	1/4", 3/8", 1/2" hose	20 to 150 lbs N per outlet*	Manifold
A-MVD-16A201	3-16	1"	1/4", 3/8", 1/2" hose	150 and up lbs N per outlet*	Manifold
A-MVD-16B201	3-16	1"	1/4", 3/8", 1/2" hose	150 and up lbs N per outlet*	Manifold
A-SVD-3	3	1"	1" hose or FPT	3600 lbs N per hour*	Splitter
A-SVD-4	4	1"	1" hose or FPT	4800 lbs N per hour*	Splitter
A-SVD-5	5	1"	1" hose or FPT	6000 lbs N per hour*	Splitter

NOTE: ABOVE RATE RANGE IS BASED ON 100 LBS OF TANK PRESSURE. RATE CHANGE WILL CHANGE AT APPROX. 1/2 PERCENT PER POUND OF TANK PRESSURE DIFFERENTIAL. **EXAMPLE:** FOR 90 LBS OF TANK PRESSURE, YOU WOULD REDUCE THE CAPACITY BY 5 PERCENT.



A-SVD-5

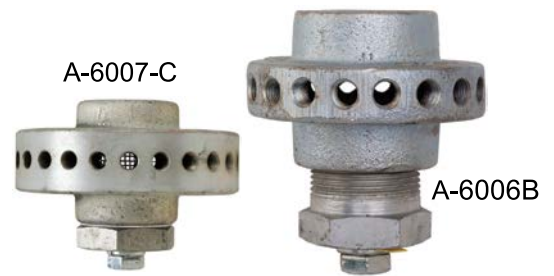


A-MVD-16A201

6006-6007 SERIES MANIFOLD

Ordering Information

Part Number	Inlet	Outlets and Sizes	Screen
A-6006B	1"	14-1/4" FPT	-
A-6007C	1"	24-1/8" FPT	Yes
A-6007D	1"	24-1/8" FPT	-



METER MATIC'S

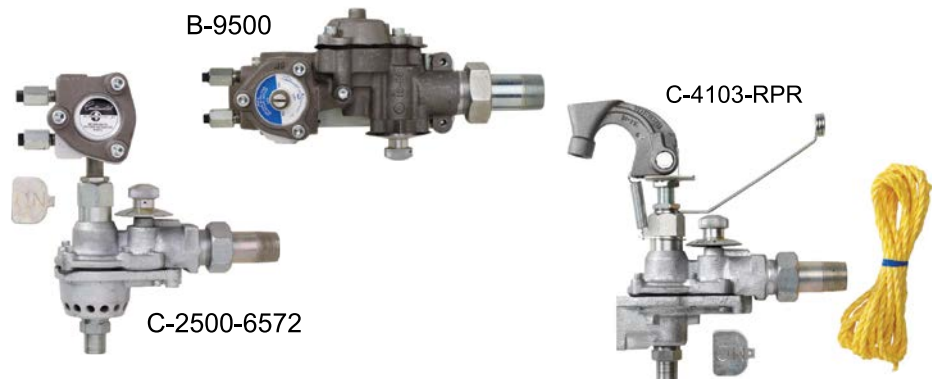
Ordering Information

Part Number	Inlet	Outlet	Maximum Flow Capacity	Shutoff Assembly	Repair Kit
C-2500-RPR	1" MPT	14-1/8" FPT	1000-2500# Nitrogen Per Hour at 100# Tank Pressure	Rope Pull	A-4125-RS
C-2500-6572				Hydraulic Actuator	
C-2503-RPR		1" FPT		Rope Pull	
C-2503-2672				Hydraulic Actuator	
C-4100-RPR		14-1/8" FPT	2000-4200# Nitrogen Per Hour at 100# Tank Pressure	Rope Pull	
C-4100-6572				Hydraulic Actuator	
C-4103-RPR		1" FPT		Rope Pull	
C-4103-6572				Hydraulic Actuator	
B-9500	1" FPT	1-1/4" FPT	3000-6200 lbs Nitrogen Per Hour at 100 lbs Tank Pressure	In-line Hydraulic actuator Ball Valve	B-9500-RS
B-9500-M	1-1/4" MPT				
B-9500-B					

NOTE: ALL C-SERIES METER MATICS ARE CALIBRATED WITH CONTINENTAL FITTINGS AT 100# TANK PRESSURE WITH 12 FOOT 1 HOSE, HOSE LINE VALVE AND 1" QUICK DISCONNECT COUPLER. SUBTRACT 10% FROM CHARTS IF USING 1-1/4" QUICK DISCONNECT COUPLER.

NOTE: THE B-9500 IS CALIBRATED WITH CONTINENTAL FITTINGS AT 100# TANK PRESSURE WITH 12' 1-14" HOSE, HOSE LINE VALVE AND 1-1/4" QUICK DISCONNECT COUPLER.

NOTE: SETTING FORMULA AS FOLLOWS:
TOOLBAR WIDTH IN FEET X SPEED X LBS NITROGEN PER ACRE X .1212 = DIAL SETTING



PULL AWAY RISER SAFETY SHEAR

Ordering Information

Part number	Connection size	Flow Rating	Comments
A-53-RSS	1" MPT	53 GPM	Works great with 50 GPM valves
A-72-RSS	1-1/4" MPT	72 GPM	Works great with 70 GPM valves
A-98-RSS	1-1/4" MPT	98 GPM	Works great with 95 GPM valves



TOOL BAR BREAKAWAY COUPLER

Ordering Information

Part number	Connection size	Through put hole	Comments
A-SWV-125	1-1/4"	1-1/4"	Stainless steel, includes disconnect, reconnect lever
A-SWV-150-G	1-1/2"	1-1/2"	Stainless steel, includes disconnect, reconnect lever

Our all new A-SWV-125 swing valve style full port 1-1/4" quick disconnect for tool bars. No compromises were made with this new coupler. The through hole is a full 1-1/4". All the components except the ductile iron housing is made of stainless steel so rust and corrosion are virtually eliminated. No more trouble disconnecting and reconnecting either, our coupler comes with a built in lever that assists in taking it apart for maintenance. Try our new A-SWV-125, the new standard in tool bar quick disconnects.



A-SWV-125



A-SWV-closeup

HOSE BARBS

Our stock of NH3 hose barbs includes five primary sizes: 1/8" and 1/4" MPT that comes in either 1/4", 3/8" or 1/2" hose barb. Also available is four standard-size orifice hose barbs, -1 = .046, -2 = .093, -3 = .120, -4 = .160. They are available in stainless steel and regular-plated steel.

Ordering Information

Part Number	Thread NMPT Size	Hose Size	Description
A-1131	1/4"	1/4"	Hose Barb
A-1132		3/8"	
A-1132-1 thru 4			
A-1138		1/2"	Hose Barb
A-1138-1 thru 4			Hose Barb with Orifice
A-6131	1/8"	1/4"	Hose Barb
A-6132		3/8"	
A-6132-1 thru 4			
A-6138		1/2"	Hose Barb
A6138-1 thru 4			Hose Barb with Orifice



A-6132



A-1138



A-6138



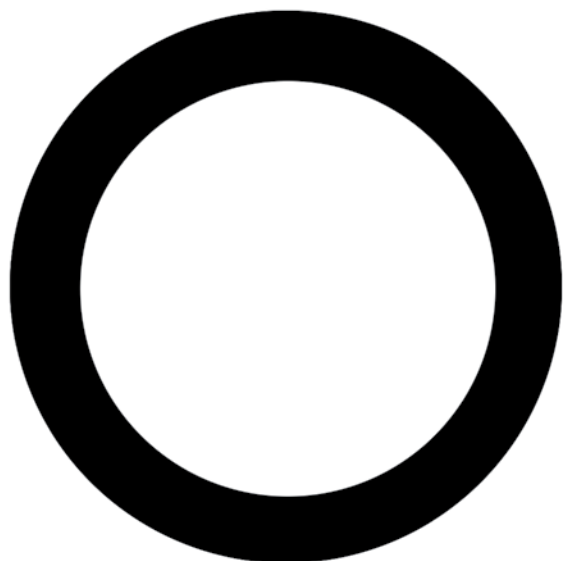
A-1132

ACME GASKETS

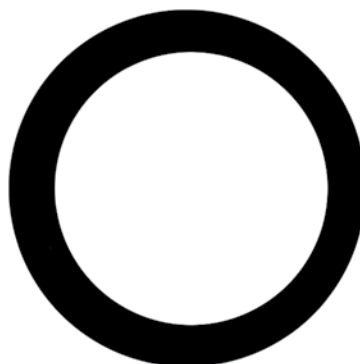
We have standard size ACME gaskets: 1-3/4", 2-1/4", and 3-1/4".

Ordering Information

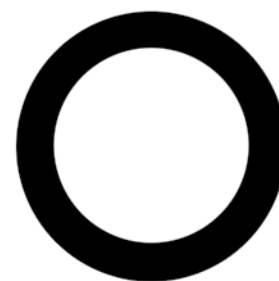
Part Number	ACME Size
22-71-F	1-3/4"
532-2	2-1/4"
540-2	3-1/4"



545-2



532-2



22-71-F

PRESSURE GAUGES

We have pressure gauges in three different sizes: 60, 150, and 400 with either glass or plastic lenses. They are available in 2-1/2" or 4" dial faces.

Ordering Information

Dial Face Size	Part Number	Lens Type	Pressure Range
2-1/2"	PG-60	PLASTIC	0-60
2-1/2"	PG-60-G	GLASS	0-60
4"	PG-60-4	PLASTIC	0-60
2-1/2"	PG-150	PLASTIC	0-150
2-1/2"	PG-150-G	GLASS	0-150
4"	PG-150-4	PLASTIC	0-150
2-1/2"	PG-400	PLASTIC	0-400
2-1/2"	PG-400-G	GLASS	0-400
4"	PG-400-4	PLASTIC	0-400



PG-400

VALVE REPAIR KITS

Ordering Information

Valve Series Number	Repair Kit Part Number
B-1201	B-22H-RH
B-1204	
B-1205	
B-1206	
B-1250	
B-1350	
A-1406	A-25H-RK
A-14BC	A-14BC-RK
A-15BC	A-15BC-RK
A-1507	A-25H-RK
A-1708	
A-1809-BFV	A-2550H-RK
B-212	B-22H-RK
B-214	
A-215-L	A-25H-RK
A-216-L	
A-217-L	A-2550H-RK
A-2425-H	
A-2450-H	
A-2525-H	A-25H-RK
A-2550-H	A-2550H-RK
A-2600	A-26-RK
A-2700	
A-2800	A-28-RK
A-2900	
A-462	A-462-RK
A-BVT	A-BVT-RK
A-BVT-125	A-BVT-125-RK
A-CVT-125	A-CBVT-RK
A-JJ-2-L	A-JJ2L-RK
A-JJ-2-V	A-JJ2V-RK
R-6572	R-6572-RK
R-9590	R-9590-RK
R-9590-B	

METER, BREAK AWAY, MANIFOLD AND OTHER REPAIR KITS

Ordering Information

Valve Series Number	Repair Kit Part Number
A-53-RSS	A-53RSS-RK
A-72-RSS	A-7298RSS-RK
A-98-RSS	
A-HFC-114	A-HFC-114-RK
A-HFC-112	A-HFC-112-RK
A-MVD	A-MVD-RK
A-SVD	A-SVD-RK
A-SWV-125	A-SWV125-RK
A-SWV-150	A-SWV150-RK
A-360MA	A-360MA-RK
A-360SP	A-360SP-RK
B-9500	B-9500-RS
C-2500	A-4125-RS
C-4100	

Continental NH3 Products

A-360 MANIFOLD ORDERING INFORMATION

Thank you for ordering our new A-360 manifold system. To assist in ordering the A-360 manifold system, we have come up with some formulas and charts in effort to make it a little easier. Follow the check list below to gather the correct information to ensure the correct manifold and splitter is ordered.

- ☐ Determine how many manifolds are desired and how many outlets in each manifold. Note that manifold outlets must be within 1 outlet of each other on each manifold.
- ☐ What size applicator hose is desired, 1/4", 3/8" and 1/2" are available.
- ☐ For bars that have 3 or more manifolds, determine how many outlets are required on the splitter
- ☐ Follow the charts below to determine splitter and manifold part numbers.

SPLITTER SELECTION CHART

The format for the splitter part number will look like this **A-360SP-3**

A-360SP

3

Model number "A-360SP" or "A-360SP-J" Two models available based on capacity needs, see below.	Number of outlets "3-9" available from 3 through 9 outlets.
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*Please note that there are only 2 models available. The A-360SP and A-360SP-J, the A-360SP-J is a special Jumbo model for extremely high output, see chart below. The A-360SP model come with interchangeable stainless steel threaded orifices that the customer will install in the field when he gets them.

To get the correct part number for the splitter first decide how many outlets you need on your splitter. Then we must determine how much flow is going to be going through each outlet on the splitter in Gallons Per Minute (GPM). Use one of the formulas below to determine your GPM per outlet. Take that figure and locate the flow range in the 100 or 50 psi column that best fits your application needs. Once you've done that, stay on that row and go to the right to determine the model number for your splitter, then use the format above to determine your part number.

100 psi tank	50 psi tank	Model Number
Up to 12 GPM	Up to 9 GPM	A-360SP
12 to 25 GPM	9 to 18 GPM	A-360SP-J

To determine your GPM per outlet, use one of the following formulas:

(#NH3 per acre X speed X tool bar width in feet X .1212 ÷ number of manifolds = **GPM per outlet**)

(Gallons per minute ÷ number of manifolds = **GPM per outlet**)

(#N per acre X speed X tool bar width in feet X .1212 ÷ .82 ÷ 5.14 ÷ 60 ÷ number of manifolds = **GPM per outlet**)

MANIFOLD SELECTION CHART

The format for the manifold part number will look like this **A-360MA-W-8A**

A-360-MA-W

8

A

Model number "A-360MA-W" "A-360MA-C", "A-360MA-J" 3 models available based capacity needs, see below	Number of outlts "3-12" available from 3 through 12 outlets.	Applicator hose size, "A", "B", or "D" A = 3/8" applicator hose size B = 1/2" applicator hose size D = 1/4" applicator hose size
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To get the correct part number for your manifolds, decide how many outlets you need on each manifold. Please keep in mind, all the manifolds must be within one outlet of each other. For example, if you have a 47.5 ft. bar, 19 knife on 30" spacings with a manifold system, you would need 2 = 6 outlet and 1 = 7 outlet. You cannot have 2 = 4 outlets and 1 = 11 outlet. Once you have done that, we have to determine your lbs NH₂ per outlet. Use one of the formulas below to determine your lbs NH₃ per outlet. Take that figure and locate the flow range in the 100 or 50 psi column that best fits your application needs. Once you've done that, stay on that row and go to the right to determine the correct model number for your manifold. Then decide what size applicator hose you want. Use the chart above to determine the correct part number for your manifold.

100 psi tank	50 psi tank	Model Number
Up to 170 NH ₃	Up to 127 NH ₃	A-360MA-W
170 - 422 NH ₃	127 - 316 NH ₃	A-360MA-C
ABOVE 422 NH ₃	ABOVE 316 NH ₃	A-360MA-J

To determine your NH₃ per outlet, use one of the following formulas:

(#NH₃ per acre X speed X tool bar width in feet X .1212 ÷ total number of outlets on the bar = **NH₃ per outlet**)

(Gallons per minute X 5.14 X 60 ÷ total number of outlets on the bar = **NH₃ per outlet**)

(#N per acre X speed X tool bar width in feet X .1212 ÷ .82 ÷ total number of outlets on the bar = **NH₃ per outlet**)

A-360MA-J SPECIAL ORDER, AVAILABILITY IS LIMITED WITH NO MORE THAN 7 PORTS ON THE MANIFOLD

Please keep in mind that finding the correct manifold for your application is important. We want the best distribution possible. If you find that your application range crosses over into 2 different sizes of either of the splitter or manifold, please give us a call and we can discuss your options.

IF YOU HAVE ANY QUESTION, PLEASE GIVE US A CALL AT 1-800-537-5642

Limited Warranty

Continental NH3 Products Co., Inc. warrants products and repair kits manufactured by it to be free from defects in materials and workmanship under normal use and service for a period of 12 months from the date of installation or operation or 18 months from the date of shipment from the factory, whichever is earlier. If within thirty days after buyer's discovery of what buyer believes is a defect, buyer notifies Continental NH3 Products Co., Inc. thereof in writing, Continental NH3 Products Co., Inc., at its option, and within forty-five days, will repair, replace F.O.B. point of manufacture, or issue credit for the purchase price of that part or product found by it to be defective. Failure of buyer to give such written notice within thirty days shall be deemed an absolute and unconditional waiver of any and all claims of buyer arising out of such defect.

This warranty does not extend to any product or part that is not installed and used in accordance with Continental NH3 Products Co., Inc.'s printed instructions, all applicable state and local regulations, and all applicable national standards, such as those promulgated by NFPA, DOT and ANSI. This warranty does not extend to any product or part that has been damaged by accident, misuse, abuse or neglect, nor does it extend to any product or part which has been modified, altered, or repaired in the field.

Except as expressly set forth above, and subject to the limitation of liability below:

Continental NH3 Products Co., Inc. makes NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, with respect to its products and parts, whether used alone or in combination with others. Continental NH3 Products Co., Inc. disclaims all warranties not stated herein.

Limitations of Liability

Continental NH3 Products Co., Inc.'s total liability for any and all losses and damages arising out of any cause whatsoever shall in no event exceed the purchase price of the products or parts in respect of which such cause arises, whether such cause be based on theories of contract, negligence, strict liability, tort or otherwise.

Continental NH3 Products Co., Inc. shall not be liable for incidental, consequential or punitive damages or other losses; Continental NH3 Products Co., Inc., shall not be liable for and buyer assumes liability for, all personal injury and property damage connected with the handling, transportation, possession, further manufacture, other use or resale of products, whether used alone or in combination with any other products or material.

If Continental NH3 Products Co., Inc. furnishes technical advice to buyer, whether or not at buyer's request, with respect to application, further manufacture or other use of the products and parts, Continental NH3 Products Co., Inc. shall not be liable for such technical advice and buyer assumes all risks of such advice and the results thereof.

NOTE: Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. The warranty gives you specific legal rights, and you may have other rights that vary from State to State. The portions of this limited warranty and limitation of liability shall be considered severable and all portions which are not disallowed by applicable law shall remain in full force and effect.

There is no Warranty or Liability for any application or use of our products other than those for which the part was designed for.

WARNING

All Continental NH3 Products Co., Inc. products are mechanical devices that will eventually become inoperative due to wear, corrosion and aging of components made of materials such as rubber, etc. The environment and conditions of use will determine the safe service life of these products. Periodic inspection and maintenance are essential to avoid serious injury and property damage.

Many Continental NH3 Products Co., Inc. products are manufactured components which are incorporated by others on or in other products or systems used for storage, transport, transfer and otherwise for use of toxic, flammable and dangerous liquids and gases. Such substances must be handled by experienced and trained personnel only, using accepted governmental and industrial safety procedures.

Notice To Users Of Products

The Limited Warranty stated above is a factory warranty to the first purchase of Continental NH3 Products Co., Inc. products. Since most users have purchased these products from Continental NH3 Products Co., Inc. distributors, the user must within thirty (30) days after user's discovery of what user believes is a defect, notify in writing the distributor from whom he purchased the product/parts. The distributor may or may not at the distributor's option choose to submit the product/parts to Continental NH3 Products Co., Inc., pursuant to its Limited Warranty. Failure by buyer to give such written notice within thirty (30) days shall be deemed an absolute and unconditional waiver of buyer's claim for such defects. Acceptance of any alleged defective product/parts by Continental NH3 Products Co., Inc.'s distributor for replacement or repairs under the terms of Continental NH3 Products Co., Inc.'s Limited Warranty in no way obligates Continental NH3 Products Co., Inc. to the terms of the above warranty.

Because of a policy of continuous product improvement, Continental NH3 Products Co., Inc. reserves the right to change design, materials or specification without notice.
