

Condensate Management

Timer & Zero Air Loss Condensate Drains

Reliable removal of condensate is essential for maintaining the performance and longevity of compressed air equipment. Trident Pneumatics offer two robust solutions tailored to meet your operational needs: timer-controlled drains and zero air loss drains.

Choosing the right drain depends on your system's conditions and efficiency goals. Timer drains are simpler and more affordable up front, while zero air loss drains offer higher long-term savings and are better suited to demanding environments. Whichever solution you choose, both are engineered to ensure reliable performance, reduce downtime, and protect your compressed air system from moisture-related issues.

Maximize your system's efficiency with the right condensate management solution.



Benefits

Magnetic Float

The 1280 8055 76 and 1280 8055 75 drains use a unique magnetic technology to automatically discharge condensate without any loss of compressed air. It requires no power, making it ideal for installations where electricity is unavailable, unreliable, or costly. Easy to install and service, the unit is built from robust, corrosion-resistant materials for long-lasting performance.

Pneumatically Operated

The 1280 8055 91 drain automatically removes condensate from compressed air systems without using electricity or causing air loss.

Ideal for applications where power is unavailable, expensive, or unreliable, the 1280 8055 91 features a robust, specially treated aluminum housing, making it suitable for both oil-lubricated and oil-free systems.

Automatic Float

The 1280 8067 48 condensate drain automatically discharges condensate and non-aggressive fluids from compressed air systems without air loss. Its durable aluminum reservoir and precision float-controlled valve ensure reliable operation. Built for heavy-duty use, it includes a manual drain for venting and is suitable for various applications.

Timer Drains

The 1280 8055 51, 1280 8055 56, and 1280 8055 60 timer drains automatically discharge condensate at set intervals using an adjustable timer and valve. Built to resist clogging from water, oil, and sediment, they are typically installed after separators, dryers, and filters to keep compressed air systems clean and efficient.



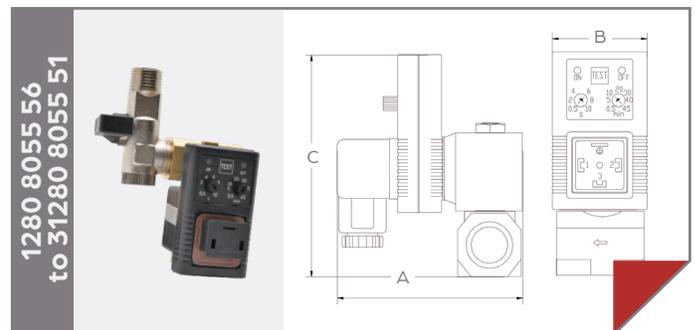
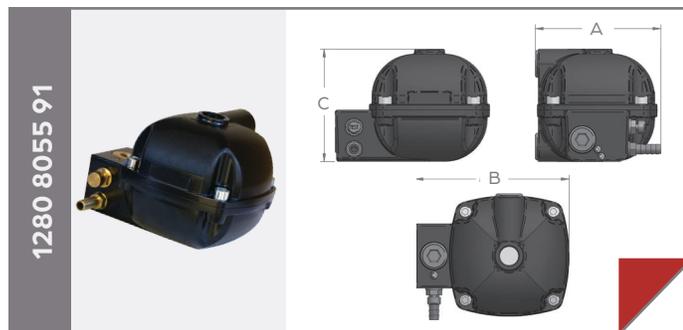
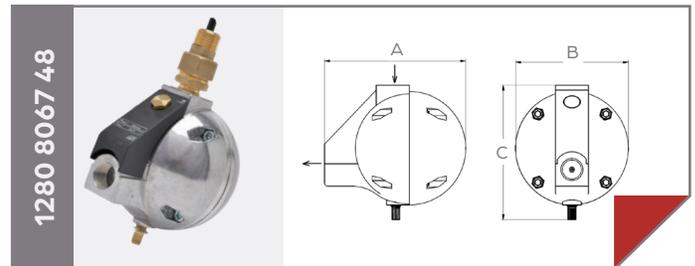
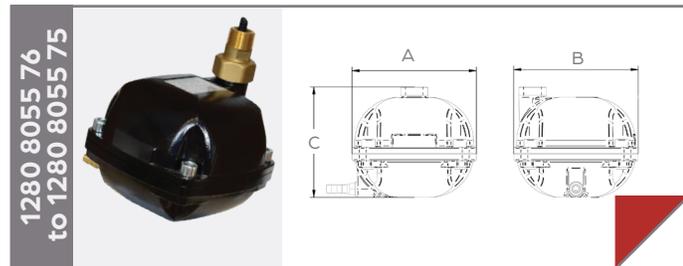
Timer & Zero Air Loss Condensate Drains



Product Specifications

Ordering Part No.	Inlet	Outlet	Pressure Rating psig	Dimensions (Inches)			Weight lbs	Service Kit Ordering Part No.
	NPT	NPT		A	B	C		
Magnetic Float Drain - Filters								
1280 8055 76	1/2" (F)	1/8" (F)	230	4.7	4.8	4.2	3.00	1280 8055 78
Magnetic Float Drain - Tanks								
1280 8055 75	1/2" (x2) (F)	1/8" (F)	230	4.7	4.8	4.1	4.50	1280 8055 77
Pneumatically Operated Zero Air Loss - 3500 scfm Max								
1280 8055 91	1/2" (x3) (F)	1/4" (F)	230	4.9	6.1	4.5	3.00	1280 8055 92
Automatic Float Drain								
1280 8067 48	1/2" (F)	1/2" (F)	290	5.3	4.3	5.1	1.32	-
Timed Solenoid Drains								
1280 8055 56	1/2" (M)	1/4" (F)	232	3.31	1.69	3.90	2.00	-
1280 8055 60	1/2" (M)	3/8" (F)	232	3.31	1.69	3.90	2.00	-
1280 8055 51	1/2" (M)	1/2" (F)	232	3.31	1.69	3.90	2.00	-

Specifications	1280 8055 76 to 1280 8055 75	1280 8055 91	1280 8067 48	1280 8055 51 to 1280 8055 60
Material of construction	aluminum	aluminum	aluminum	brass
Isolation valve	-	-	-	mounted
Strainer	-	integral	-	mounted
Timer	-	-	-	economy
Anti air lock connector	included	-	included	-
6 ft power cord	-	-	-	included



Charlotte, North Carolina, USA
 Phone: +704 897 2182
 Email: support@airandgassolutions.com

St. Catharines, Ontario, Canada
 Phone: +905 684 6266
 Email: canadasupport@airandgassolutions.com

Technical specifications subject to change without notice.
 ©2025 Air and Gas Solutions LLC
 Trident Publication Ref: DRAINS-US-EN-Rev-000