



DV Systems Electronic AutoDrain

Model Number 'KK-9840-1'

Features:

- ✓ Solid State Timer c/w 'On' and 'Off' Indicators and 'Test' Button
- ✓ Discharge Time and Interval Time can be set to suit environment and application.
- ✓ Standard 115-60-1 electrics c/w three prong plug.
- ✓ Internal Stainless Steel Strainer Screen removes contaminants before entering the Valve.
- ✓ Operates with air, gases, water, oil, etc.
- ✓ Very little maintenance required..
- ✓ 1/4 Turn Ball Valve .
- ✓ Settings of 0.5 - 10 sec open and 0.5 - 45 min intervals .

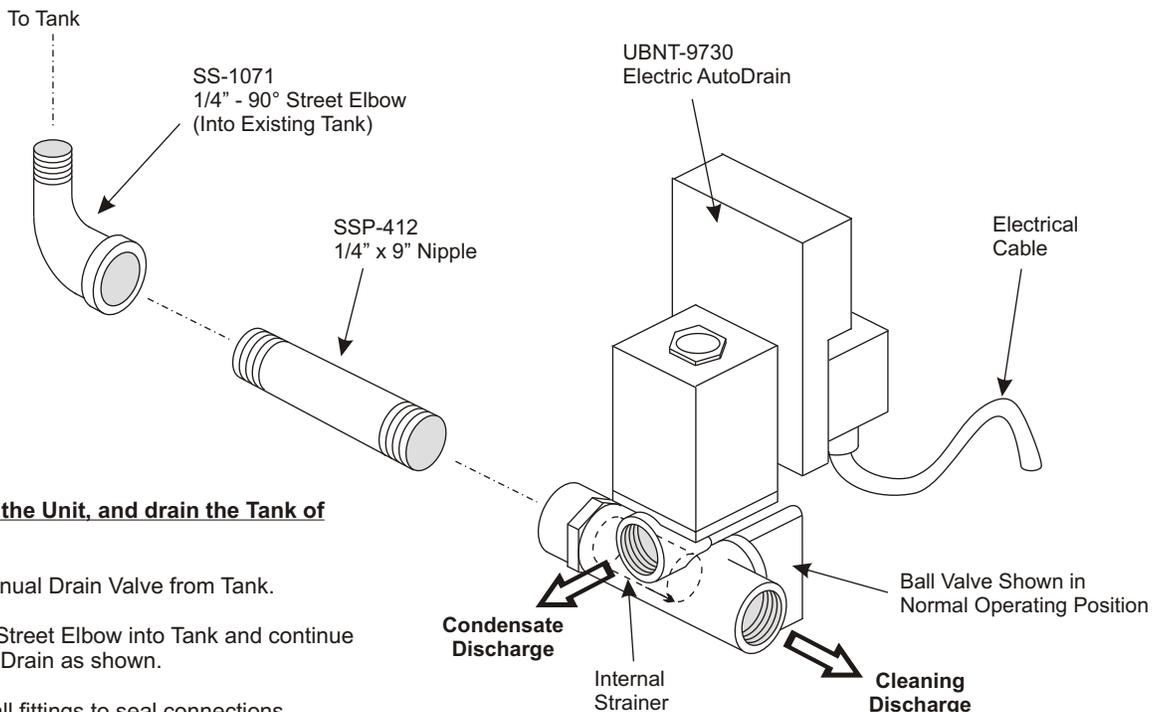
Specifications:

Condensate Inlet Connection	1/4" NPTF
Condensate Outlet Connection	1/4" NPTF
Clean-out Port	1/4" NPTF
Min/Max Pressure	0 to 230 psig
Min/Max Temperature (Ambient)	14°F to 120°F
Electrics	115-60-1
Weight	3 lbs
CSA, UL Certified	
Supplied c/w 4+' Power Cord	

Important Information:

1. Install the AutoDrain as indicated. Failure to install the unit correctly will adversely affect the operation and Warranty of the AutoDrain.
2. Maintenance/service work must only be done when the AutoDrain is disconnected from power and not under pressure.
3. Do not exceed an operating pressure of 175 psi.
4. Ensure the Autodrain is installed in a suitable location. It must not be used in hazardous areas where potentially explosive atmospheres or fluids are present.
5. The Electronic AutoDrain should only be used with one vessel. For multiple Tanks, Filters, etc., Use multiple AutoDrains.
6. Suitable arrangements must be made to ensure the moisture is properly contained once evacuated from the AutoDrain.

Installation:



Turn off the power to the Unit, and drain the Tank of any air pressure.

1. Remove existing Manual Drain Valve from Tank.
2. Install 'SS-1071' D+Street Elbow into Tank and continue with Nipple and AutoDrain as shown.
3. Use Teflon tape on all fittings to seal connections.



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Operation:

When installed correctly as shown, the DV Systems Electronic AutoDrain will purge the Air Tank, Separator, etc. of moisture at pre-determined intervals..

The Unit operates as follows:

1. Once the Unit is plugged in and operating, either of the small LED lights ('On' or 'OFF") on the AutoDrain will be lit.
2. The AutoDrain is to be set to drain every 'x' minutes for 'y' seconds. Set the time intervals on the AutoDrain based on your site conditions, experience, etc. Draining too often may waste air pressure, draining too few times may allow moisture to collect in the Compressor Tank.
3. Moisture from the Tank is filtered at the Strainer/Ball Valve. Any large particles are captured by means of an internal stainless steel mesh Filter.
4. The moisture flows into the AutoDrain and is released based on the time intervals previously set.

Note: It is the responsibility of the Customer/Distributor to ensure that suitable accommodation has been made to contain the condensate.

To ensure the Unit is operating correctly:

- press the 'Test' button on the top of the AutoDrain once a week. This will cause the Unit to evacuate the Reservoir at that time.
- check the mesh Filter in the Strainer/Ball Valve periodically to ensure it is clean. Simply turn the Ball Valve on the AutoDrain 1/4 turn to have the compressed air and any debris escape through the 'Cleaning Discharge' as shown on the diagram
- check for air leaks to ensure the AutoDrain is closing correctly.

The AutoDrain may be operated 24 hours per day.

Trouble Shooting:

Condition:	Cause/Check:	Suggested Correction:
LED is off.	Ensure there is power to the Unit. Press 'test' Button for minimum 2 seconds and observe.	Locate supply fault and repair.
Air is bleeding continuously from Cleaning Discharge port.	The Ball Valve is in the wrong position.	Turn the Ball Valve 1/4 turn to ensure it is in the position as shown on the diagram.

DV Systems One Year Limited Warranty

DV Systems warrants the product manufactured by it and sold to the original purchaser, when properly installed, operated, applied and maintained in accordance with procedures and recommendations outlined in the manufacturers instruction manuals, to be free of defects in material and workmanship for a period of one (1) year from the date of purchase at the retail level by the end user provided such defect is discovered and brought to the manufacturers attention within the aforesaid warranty period.

The manufacturer will repair or replace any product or part determined to be defective by the manufacturer within the warranty period, provided such defect occurred in normal service and not as the result of misapplication, misuse, abuse, neglect, incorrect maintenance, accident, or normal wear.

The warranty covers parts and labour for the warranty period. Repair or replacement shall be at the sole option of the manufacturer. Any service performed on the product by anyone other than the manufacturer must first be authorized by the manufacturer. Unauthorized service voids the warranty and any resulting charge or subsequent claim will not be paid.

Products repaired or replaced under warranty shall be warranted for the unexpired portion of the warranty applying to the original product, based on the original date of purchase and/or date of manufacture, as outlined above.



DV Systems Inc.
490 Welham Road
Barrie, Ontario
L4N 8Z4

Telephone: (705) 728-5657
Fax: (705) 728-4974