

/// JORC

THE CONDENSATE MANAGEMENT SPECIALIST



Timer Controlled

CONDENSATE DRAINS

*Sustainable
Condensate
Management*



A typical compressed air system will produce thousands of gallons of oily, contaminated condensate every year. Failure to constantly and reliably remove this condensate from your compressed air system can lead to corrosion, bacteria and mold growth, contamination of processes, product spoilage and damage to equipment including filters, dryers and even compressors.

Reliable and efficient condensate removal is one of the most important steps in your compressed air process. Jorc offers one of the widest range of condensate removal and separation products in the industry. With a reputation for providing quality, cost effective, reliable condensate management products, Jorc is your one stop shop for all your condensate management needs.

This catalog focuses on Jorc's line of adjustable electronic timer controlled drains. With models ranging from 230 to 7000 psig, and suitable for any flow rate or application, select from simple analog timer controls, digital controls, brass or stainless steel, combination drains with integrated strainers and valves, and even low profile drains for when space is a premium.

JORC Industrial is a global leader in condensate management specializing in condensate drains, condensate separators, and compressed air saving equipment to distributors, dealers and OEM's in more than 100 countries around the world. We are committed to helping you, our customer, solve your condensate management needs.

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EAD

Condensate Drain



COST EFFECTIVE • TIMER CONTROLLED

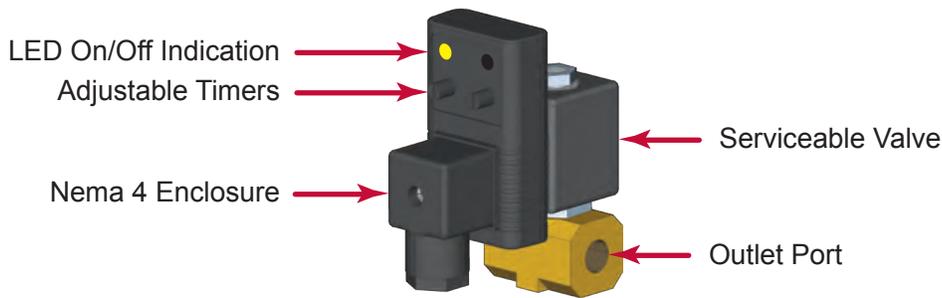
The Jorc EAD timer controlled condensate drain is an economical drain suitable for a wide range of compressed air applications including compressors, receivers, filters, and refrigerated air dryers. With an easily adjustable electronic timer, a direct acting solenoid valve and a large discharge orifice, this drain is the most cost effective option for reliable condensate removal.

The EAD is easy to install, simple to adjust and rated for pressures up to 230 psig. With a test switch, LED on/off indication and a fully serviceable valve, the EAD offers a long list of features and benefits not typically found at this price point. This is the ultimate in low cost, high performance condensate management.



FEATURES	BENEFITS
No balance line required	Does not air-lock during operation
Built in test function	Manually activate drain & verify operation
LED status lights	Visual verification of drain status
230 psig design pressure	Suitable for a wide range of applications
Serviceable direct acting valve	Inexpensive to maintain
Adjustable timed operation	Fits any equipment at any flow rate
Cost effective design	Reliable operation in a low cost drain

SPECIFICATIONS



Multiple connection sizes

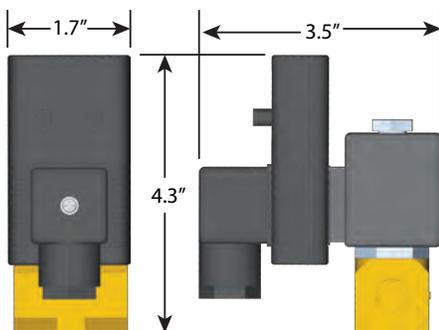
Maximum Compressor Capacity		Unlimited
Inlet / Outlet Connection Options		1/4", 1/2" & 3/8" NPT (F)
Discharge Valve	Orifice Diameter	4 mm
	Type	2/2 Way Direct Acting
	Valve Body Material	Brass ⁽¹⁾
	Seal Material	Viton (FPM)
Operating Pressure	Minimum	0 psig
	Maximum	230 psig ⁽¹⁾
Condensate Temperature	Minimum	34°F
	Maximum	122°F
Voltage Options	DC	24 VDC
	AC	24, 115 or 230 VAC
Timer Range	Open	0.5 to 10 seconds
	Closed	0.5 to 45 minutes
Power Connection		DIN 43650-A
Electrical Enclosure		NEMA 4 / IP65



Fully serviceable valve



LED lights & test function



Perfect for installations with:

- Strict budget limitations
- Multiple drain requirements
- High condensate flow rates
- Pressures up to 230 psig
- Steady condensate loads



Inexpensive service kit





COMBO

Condensate Drain



TIMER CONTROLLED • INTEGRATED VALVE & STRAINER

The Jorc COMBO timer controlled condensate drain combines an adjustable electronic timer controlled drain, a ball valve, and a mesh strainer into one compact easy to install package. Suitable for any flow range and pressures up to 300 psig, the COMBO is perfect for virtually any compressed air application, especially those with solid particulate contaminants.

With a test button, LED on/off indication, and a fully serviceable direct acting valve, the COMBO offers affordable, reliable condensate management without the need to install additional valves and strainers. Use it on any compressor, receiver, filter or refrigerated air dryer.



FEATURES	BENEFITS
Integrated valve & strainer	Compact & easy to install
No balance line required	Does not air-lock during operation
Built in test function	Manually activate drain & verify operation
LED status lights	Visual verification of drain status
300 psig design pressure	Suitable for a wide range of applications
Serviceable direct acting valve	Inexpensive to maintain
Adjustable timed operation	Fits any equipment at any flow rate

SPECIFICATIONS



Dual threaded inlet port



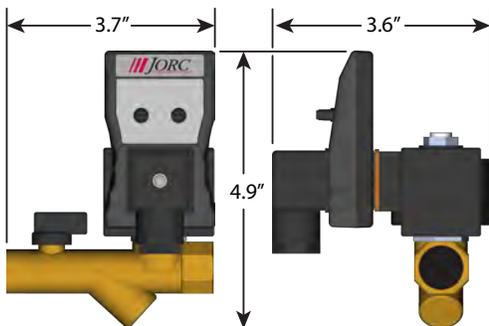
Integrated mesh strainer



LED lights & test function

Maximum Compressor Capacity		Unlimited
Inlet / Outlet Connection Options		¼" NPT(F) & ½" NPT(M)
Discharge Valve	Orifice Diameter	4 mm
	Type	2/2 Way Direct Acting
	Valve Body Material	Brass ⁽¹⁾
	Seal Material	Viton (FPM)
Operating Pressure	Minimum	0 psig
	Maximum	300 psig ⁽¹⁾
Condensate Temperature	Minimum	34°F
	Maximum	122°F
Voltage Options	DC	12 or 24 VDC
	AC	24, 115, 230 or 380 VAC
Timer Range	Open	0.5 to 10 seconds
	Closed	0.5 to 45 minutes
Power Connection		DIN 43650-A
Electrical Enclosure		NEMA 4 / IP65

(1) For stainless steel or higher pressures, ask about our Optimum or TEC-44 drains.



Perfect for installations with:

- High particulate loading
- Limited space available
- High condensate flow rates
- Pressures up to 300 psig
- Steady condensate loads



Private branding available





COMBO D-LUX

Condensate Drain



DIGITAL TIMER CONTROL • INTEGRATED VALVE & STRAINER

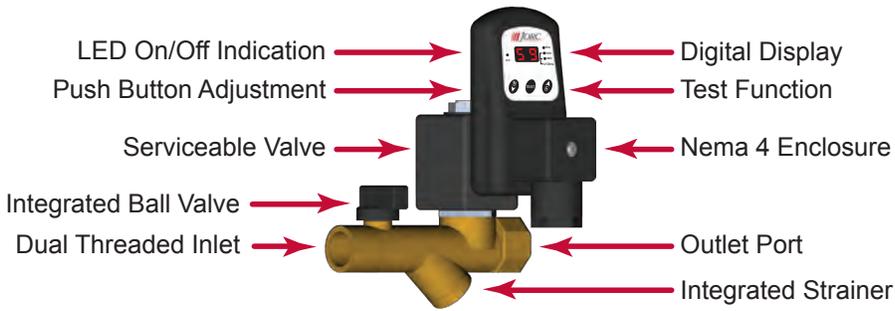
The Jorc COMBO D-LUX timer controlled condensate drain combines a premium electronic timer controlled drain, a ball valve, and a mesh strainer into one compact easy to install package. Suitable for any flow range and pressures up to 300 psig, the COMBO D-LUX is perfect for virtually any compressed air application, especially those with solid particulate contaminants.

With easy to use push button timer settings, a bright digital display, test button, and LED lights, the COMBO D-LUX can be adjusted to open or close for any time period from 10 milliseconds to 99 hours! There is no application it can't handle. Use it on any compressor, receiver, filter or refrigerated air dryer in any size compressed air system.



FEATURES	BENEFITS
Digital push button timer	Easy to program settings
Integrated valve & strainer	Compact & easy to install
No balance line required	Does not air-lock during operation
Built in test function	Manually activate drain & verify operation
LED status lights	Visual verification of drain status
300 psig design pressure	Suitable for a wide range of applications
Serviceable direct acting valve	Inexpensive to maintain
Adjustable timed operation	Fits any equipment at any flow rate

SPECIFICATIONS



Dual threaded inlet port

Maximum Compressor Capacity	Unlimited	
Inlet / Outlet Connection Options	¼" NPT(F) & ½" NPT(M)	
Discharge Valve	Orifice Diameter	4 mm
	Type	2/2 Way Direct Acting
	Valve Body Material	Brass ⁽¹⁾
	Seal Material	Viton (FPM)
Operating Pressure	Minimum	0 psig
	Maximum	300 psig ⁽¹⁾
Condensate Temperature	Minimum	34°F
	Maximum	122°F
Voltage Options	DC	12 or 24 VDC
	AC	24, 115, 230 or 380 VAC
Timer Range	Open	10 milliseconds to 99 hours
	Closed	10 milliseconds to 99 hours
Power Connection	DIN 43650-A	
Electrical Enclosure	NEMA 4 / IP65	

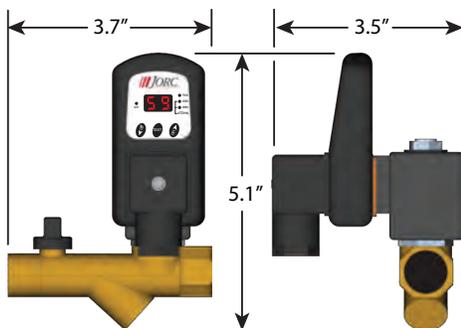


Integrated mesh strainer



LED lights & digital display

(1) For stainless steel or higher pressures, ask about our Optimum or TEC-44 drains.



Perfect for installations with:

- High particulate loading
- Limited space available
- High condensate flow rates
- Pressures up to 300 psig
- Steady condensate loads



Easy push button settings





COMBO Quick-Set Condensate Drain



EASY TO PROGRAM • INTEGRATED VALVE & STRAINER

The Jorc COMBO Quick-Set timer controlled condensate drain combines a easy to program timer controlled drain, a ball valve, and a mesh strainer into one compact easy to install package. Suitable for flows up to 700 cfm and pressures up to 150 psig, the COMBO is perfect for a wide range of compressed air applications, especially those with solid particulate contaminants.

Just turn the dials to the pressure and capacity of the compressed air system, and the COMBO Quick-Set automatically adjusts the open and close timers to the proper settings. With a test button, LED on/off indication, and a fully serviceable direct acting valve, the COMBO offers easy to use, affordable, and reliable condensate management without the need to install additional valves and strainers. Use it on compressors, receivers, filters or refrigerated air dryers.



FEATURES	BENEFITS
Pressure & capacity settings	Easy to program
Integrated valve & strainer	Compact & easy to install
No balance line required	Does not air-lock during operation
Built in test function	Manually activate drain & verify operation
LED status lights	Visual verification of drain status
Serviceable direct acting valve	Inexpensive to maintain
Adjustable timed operation	Fits a wide range of applications

SPECIFICATIONS



Dual threaded inlet port



Integrated mesh strainer



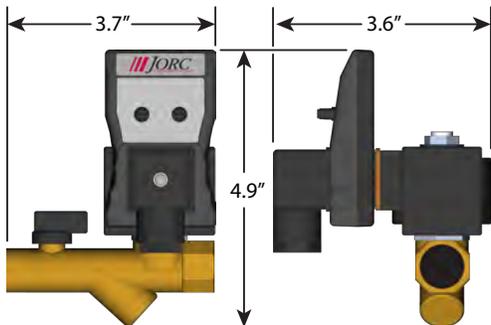
Pressure & flow settings



Private branding available

Maximum Compressor Capacity		700 scfm
Inlet / Outlet Connection Options		¼" NPT(F) & ½" NPT(M)
Discharge Valve	Orifice Diameter	4 mm
	Type	2/2 Way Direct Acting
	Valve Body Material	Brass ⁽¹⁾
	Seal Material	Viton (FPM)
Operating Pressure	Minimum	0 psig
	Maximum	150 psig ⁽¹⁾
Condensate Temperature	Minimum	34°F
	Maximum	122°F
Voltage Options	DC	12 or 24 VDC
	AC	24, 115, 230 or 380 VAC
Timer Range	Open	0.5 to 10 seconds
	Closed	0.5 to 45 minutes
Power Connection		DIN 43650-A
Electrical Enclosure		NEMA 4 / IP65

(1) For stainless steel or higher pressures, ask about our other drains and timers.



Perfect for installations with:

- High particulate loading
- Limited space available
- High condensate flow rates
- Pressures up to 150 psig
- Steady condensate loads



Optimum Condensate Drain



TIMER CONTROLLED • LARGE ORIFICE • BRASS OR STAINLESS

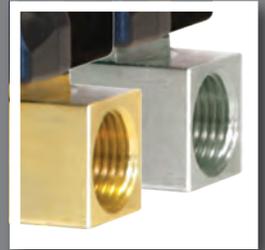
The Jorc Optimum timer controlled condensate drain is suitable for a wide range of compressed air applications including compressors, receivers, filters, and refrigerated air dryers. With an easily adjustable electronic timer, a direct acting solenoid valve, a large orifice, and options for a brass or stainless steel body, this drain provides reliable compact condensate removal.

The Optimum is easy to install, simple to adjust and rated for pressures up to 300 psig. It includes a test switch, LED on/off indication and a fully serviceable valve. Most importantly, the large 4.5 mm orifice means it is perfect for difficult applications with high condensate flow rates and solid particulate contaminants.



FEATURES	BENEFITS
Large discharge orifice	Virtually unblockable operation
No balance line required	Does not air-lock during operation
Built in test function	Manually activate drain & verify operation
LED status lights	Visual verification of drain status
230 psig design pressure	Suitable for a wide range of applications
Serviceable direct acting valve	Inexpensive to maintain
Adjustable timed operation	Fits any equipment at any flow rate

SPECIFICATIONS



Brass or stainless options

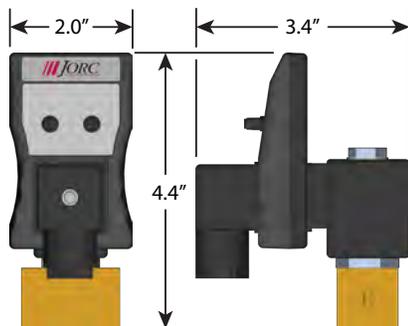
Maximum Compressor Capacity		Unlimited
Inlet / Outlet Connection Options		1/4", 3/8" & 1/2" NPT (F)
Discharge Valve	Orifice Diameter	4.5 mm
	Type	2/2 Way Direct Acting
	Valve Body Material	Brass or Stainless Steel
	Seal Material	Viton (FPM)
Operating Pressure	Minimum	0 psig
	Maximum	Standard: 230 psig Optional: 300 psig ⁽¹⁾
Condensate Temperature	Minimum	34°F
	Maximum	122°F
Voltage Options	DC	12 or 24 VDC
	AC	24, 115, 230 or 380 VAC
Timer Range	Open	0.5 to 10 seconds
	Closed	0.5 to 45 minutes
Power Connection		DIN 43650-A
Electrical Enclosure		NEMA 4 / IP65



Fully serviceable valve



LED lights & test function



Perfect for installations with:

- High condensate flow rates
- Particulate contamination
- Corrosive environments
- Pressures up to 300 psig
- Steady condensate loads



Private branding available





Optimum High Pressure Condensate Drain

TIMER CONTROLLED • HIGH PRESSURE • BRASS OR STAINLESS

The Jorc Optimum High Pressure timer controlled condensate drain is suitable for virtually any compressed air application up to 7000 psig. Includes an easily adjustable electronic timer, a direct acting solenoid valve and choice of brass or 304 stainless steel body.

The Optimum High Pressure is easy to install, simple to adjust, and comes standard with a test switch, LED on/off indication, and a fully serviceable valve. Choose from a machined brass body from 600 to 3625 psig, or a machined stainless steel body from 600 to 7000 psig. This drain is perfectly suited for high pressure applications and high condensate flow rates.



TIMER CONTROLLED



STAINLESS STEEL



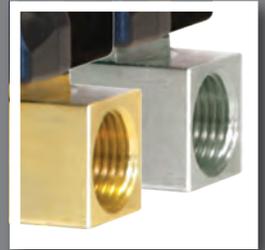
HIGH PRESSURE

FEATURES

BENEFITS

Up to 7000 psig MAWP	Perfect for high pressure applications
No balance line required	Does not air-lock during operation
Built in test function	Manually activate drain & verify operation
LED status lights	Visual verification of drain status
Serviceable direct acting valve	Inexpensive to maintain
Adjustable timed operation	Fits any equipment at any flow rate

SPECIFICATIONS



Brass or stainless options

Max Operating Pressure ⁽¹⁾	600	1200	3625	5000	6000	7000
Max Compressor Capacity	Unlimited					
Inlet / Outlet Connections	1/4", 3/8" or 1/2" NPT (F)			1/4" NPT (F)		
Valve	Orifice Diameter	2.0 mm	1.2 mm	1.0 mm	0.9 mm	CF
	Type	2/2 Way Direct Acting				
	Body Material	Brass or 304 Stainless Steel		304 Stainless Steel		
Condensate Temperature	Minimum	34°F				
	Maximum	122°F				
Voltage Options ⁽²⁾	DC	12 or 24 VDC				
	AC	24, 115, 230 or 380 VAC				
Timer Range	Open	0.5 to 10 seconds				
	Closed	0.5 to 45 minutes				
Power Connection	DIN 43650-A					
Electrical Enclosure	NEMA 4 / IP65					

(1) For pressures below 300 psig, ask about our lower pressure Optimum drains.

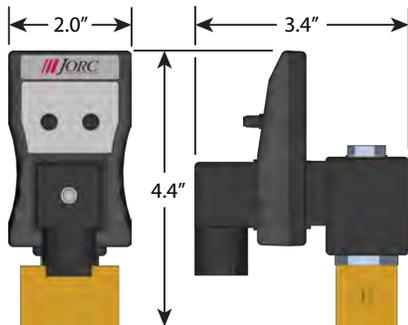
(2) 12 & 24 VDC include DIN connection, 115 & 230V include 6' power cord, & 380V includes conduit connector.



Fully serviceable valve



LED lights & test function



Perfect for installations with:

- High pressure applications
- Brass or stainless fittings
- Corrosive environments
- High condensate flow rates
- Steady condensate loads



Private branding available





Optimum Diaphragm *Condensate Drain*

TIMER CONTROLLED • LARGE DRIFICE DIAPHRAGM VALVE

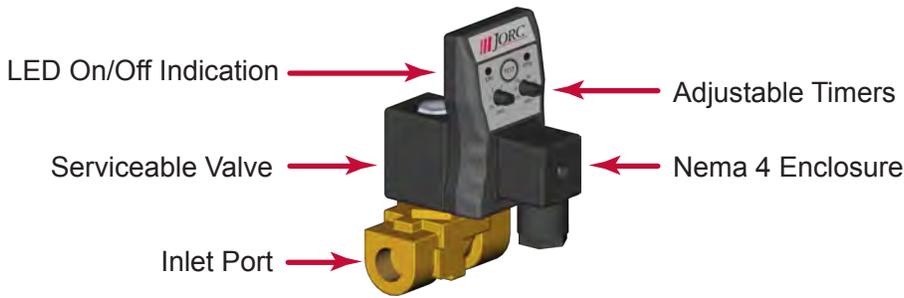
The Jorc Optimum Diaphragm timer controlled condensate drain includes a wide orifice diaphragm valve suitable for a wide range of compressed air applications including compressors, receivers, filters, and refrigerated air dryers. With an easily adjustable electronic timer and a large 7/16" discharge orifice, this drain is the most cost effective option for reliable, high capacity condensate removal.

The Optimum Diaphragm is easy to install, simple to adjust and rated for pressures up to 300 psig. With a test switch, LED on/off indication and a fully serviceable valve, this drain offers a full range of features in a reliable, virtually unblockable design. This is the optimum drain for difficult applications and high condensate volumes.



FEATURES	BENEFITS
Large discharge orifice	Virtually unblockable operation
No balance line required	Does not air-lock during operation
Built in test function	Manually activate drain & verify operation
LED status lights	Visual verification of drain status
300 psig design pressure	Suitable for a wide range of applications
Serviceable direct acting valve	Inexpensive to maintain
Adjustable timed operation	Fits any equipment at any flow rate

SPECIFICATIONS



Multiple connection sizes

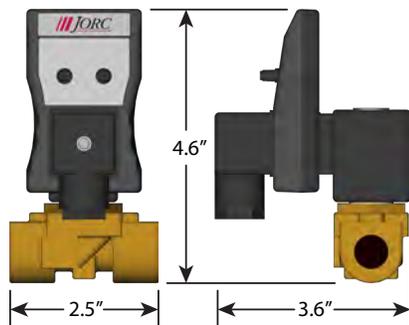
Maximum Compressor Capacity		Unlimited
Inlet / Outlet Connection Options		1/4", 3/8" & 1/2" NPT (F)
Discharge Valve	Orifice Diameter	7/16"
	Type	Diaphragm
	Valve Body Material	Brass ⁽¹⁾
	Seal Material	Viton (FPM)
Operating Pressure	Minimum	1.5 psig
	Maximum	300 psig ⁽¹⁾
Condensate Temperature	Minimum	34°F
	Maximum	130°F
Voltage Options	DC	12 or 24 VDC
	AC	24, 115, 230 or 380 VAC
Timer Range	Open	0.5 to 10 seconds
	Closed	0.5 to 45 minutes
Power Connection		DIN 43650-A
Electrical Enclosure		NEMA 4 / IP65



Fully serviceable valve



LED lights & test function



Perfect for installations with:

- Strict budget limitations
- Multiple drain requirements
- High condensate flow rates
- Pressures up to 300 psig
- Steady condensate loads



Private labelling available





TEC-11

Condensate Drain



LOW PROFILE • TIMER CONTROLLED • VERTICAL FLOW

The TEC-11 is a compact low profile drain specifically designed for installation under a filter housing or in other tight locations. With a vertical flow and wide, short design, the TEC-11 is the perfect addition to any compressed air filter or dental compressor.

Choose between a maximum operating pressure of either 230 or 300 psig, 1/8" or 1/4" inlet and outlet connections and a wide range of voltage options. With a simple to program adjustable electronic timer, test feature, LED on/off indication, and direct acting valve, the TEC-11 provides reliable cost effective condensate removal from any size filter or compressor.



FEATURES	BENEFITS
Compact low profile design	Perfect for filters or dental compressors
No balance line required	Does not air-lock during operation
Built in test function	Manually activate drain & verify operation
LED status lights	Visual verification of drain status
230 or 300 psig design pressure	Suitable for a wide range of applications
Serviceable direct acting valve	Inexpensive to maintain
Adjustable timed operation	Fits any equipment at any flow rate

SPECIFICATIONS



Compact low profile design



Fully serviceable valve



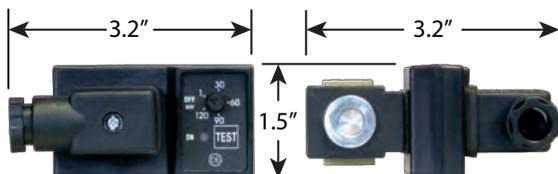
LED lights & test function



A perfect fit for any filter

Maximum Compressor Capacity		Unlimited
Inlet / Outlet Connection Options		1/8" & 1/4" NPT (F)
Discharge Valve	Orifice Diameter	2 mm
	Type	2/2 Way Direct Acting
	Valve Body Material	Brass ⁽¹⁾
	Seal Material	Viton (FPM)
Operating Pressure	Minimum	0 psig
	Maximum	Standard: 230 psig Optional: 300 psig ⁽¹⁾
Condensate Temperature	Minimum	34°F
	Maximum	122°F
Voltage Options	DC	24 VDC
	AC	24, 115, 230 or 380 VAC
Timer Range	Open	2 seconds (fixed)
	Closed	1 to 120 minutes
Power Connection		DIN 43650-A
Electrical Enclosure		NEMA 4 / IP65

⁽¹⁾ For stainless steel or higher pressures, ask about our Optimum or TEC-44 drains.



Perfect for installations with:

- Compressed air filters
- Dental compressors
- Space limitations





TEC-44

Condensate Drain



MICROPROCESSOR OPERATED BALL VALVE

The TEC-44 is the optimum condensate drain for difficult applications with high condensate flows and heavy particulate loads. With a wide, uncloggable ball valve operated by a powerful motor, and battery back-up for power outages, the TEC-44 provides reliable, unstoppable condensate removal when other drains have failed.

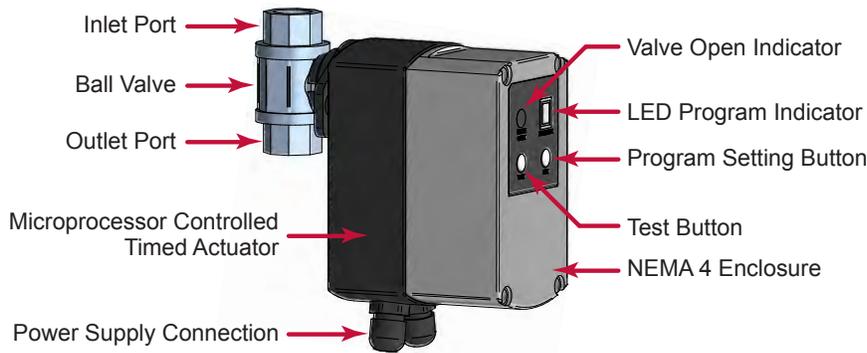
With an operating pressure range of up to 720 psig, and connection sizes from 1/4" to 1", the TEC-44 has a virtually unlimited capacity, making it suitable for any compressed air application using any type of compressor.

The TEC-44 is controlled via a microprocessor with nine selectable timer settings. An LED indicator indicates the program selected, while a valve open light confirms drain operation. When you need reliable condensate removal, no other drain provides peace of mind like the TEC-44.



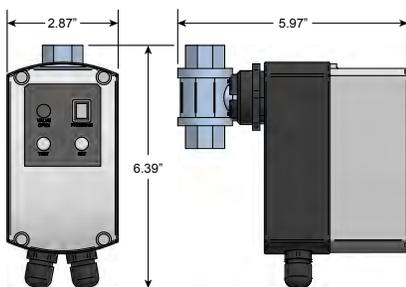
FEATURES	BENEFITS
Powerful actuator	Does not clog - ever. Perfect for difficult applications with high particulate loading.
Large discharge orifice	
No balance line required	Does not air-lock during operation
Adjustable timed operation	Fits any equipment at any flow rate
Optional battery backup	Closes valve during a power outage
Built in test function	Manually activate drain & verify operation
LED status lights	Visual verification of drain status
LED program indicator	Choose from 9 pre-set programs.
Remote contacts	Can be operated via a remote signal.

SPECIFICATIONS



Maximum Compressor Capacity		Unlimited
Inlet / Outlet Connection Options		¼", ½", ¾" & 1" NPT
Discharge Valve	Orifice Diameter	12 mm
	Type	Motorized ball valve
	Valve Body Material	Standard: Nickel plated brass Optional: Stainless steel ⁽¹⁾
	Valve Ball Material	Stainless steel
	Seal Material	Viton (FPM) & Teflon
Operating Pressure	Minimum	0 psig
	Maximum	720 psig
Condensate Temperature	Minimum	34°F
	Maximum	140°F
Voltage Options	DC	12 or 24 VDC
	AC	24, 115, 230 or 380 VAC
Timer Range	Open	3 ½ seconds to 15 minutes
	Closed	4 minutes to 24 hours
Battery Backup		4 x AA 1.5V batteries
Electrical Enclosure		NEMA 4 / IP65

(1) Available in ¼" & ½" NPT connection sizes only.



Perfect for installations with:

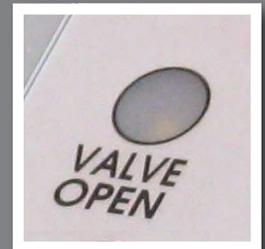
- Heavy rust, scale or debris
- High operating pressures
- High condensate flow rates
- Corrosive environments
- Frequently blocked drains



Compact modern design



LED program indicator



Valve open indicator



Nine pre-set programs



'L' Shaped Strainers

Available in nickel plated, brass or stainless steel, and rated for 600 psig. Include a manual ball valve and a serviceable stainless steel mesh screen. Features a dual threaded inlet (1/4" & 1/2" NPT), and outlet connections in 1/4", 3/8" or 1/2" NPT. (Stainless steel models available in a 1200 psig version.)



'Y' Shaped Strainers

These brass strainers are available in connection sizes from 1/4" to 2" NPT, and include a stainless steel mesh screen. The 1/2" version is also available with a manual ball valve.



Hose Barb Adapter

This 1/2" NPT to hose barb adapter makes it easy to use flexible tubing to connect the outlet of virtually any Jorc Condensate Drain to any Jorc Condensate Separator.



Adapters & Nipples

Jorc provides filter adapters to connect your TEC-11 drains directly to a filter housing, and a wide range of threaded adapters and nipples to facilitate installation of your Jorc drain to virtually any compressed air system component.



Service Kits

All Jorc timer controlled condensate drains have serviceable valves. Maintain your drains and ensure a long life of reliable performance with our cost effective service kits.



Electrical Connectors & Power Cords

Jorc provides Form A and B DIN connectors and conduit connectors for your Jorc drains (and many other uses) as well as a 7 foot power cord with or without a power indicating light.



Replacement Timers

Timers are replaceable and interchangeable on most Jorc timer controlled condensate drains. Simply replace your timer or upgrade it to a Quick-Set or D-LUX digital timer quickly and easily. Available in a wide range of voltage options from 12 VDC through 380 VAC.



Replacement Valves & Solenoids

Replacement valves and solenoids (or actuators) are available for all Jorc timer controlled condensate drains. When servicing your drain is not enough, use these replacement parts to get back up and running quickly and without the expense of replacing the entire drain assembly.



Private Labelling

Many Jorc timer controlled condensate drains can be private labelled. Timers are available in a range of colors and logos and part numbers can be added. Contact us today for information on how we can help you create your very own condensate drain product lines.



Jorc Condensate Separators

Environmental regulations strictly prohibit disposing condensate down a drain without proper treatment to remove the oil. Jorc Condensate Separators are the perfect complement to your Jorc Condensate Drains. With advanced separation medias that work anywhere, anytime, on virtually any condensate, Jorc is leading the way in advanced condensate separation technology.





JORC Industrial LLC
302-395-0310
info@jorc.com
www.jorc.com