



LEVEL SENSED DRAINS

SMART-GUARD-MINI
SMART-GUARD
SMART-GUARD-HP

POD-TD
NUFORS-XF
MAG-11
MINI-MAG



DRAIN EFFICIENCY

RELIABLE

COMPRESSED AIR CONDENSATE MANAGEMENT AND ENERGY SAVING PRODUCTS

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JORC Industrial is a global condensate management specialist of Dutch origin offering condensate drains, oil water separators and air saving equipment to distributors, dealers and OEM's in more than 100 countries. JORC Industrial is dedicated to setting the standard in helping its customers manage their condensate management requirements.

Information provided herewith is believed to be accurate and reliable. However, no responsibility is assumed for its use or for any infringement of patents or rights of others, which may result from its use. In addition, JORC reserves the right to revise information without notice and without incurring any obligation.

Chapter 1

COMPRESSED AIR CONDENSATE INTRODUCTION

During the process of compressing air, atmospheric air along with water vapor and atmospheric contaminants (hydrocarbon, dust particles or chemical vapors), are drawn into the compressor intake.

Additionally, the compression chambers of most compressors require oil for lubrication, sealing and cooling. Once compressed, the air flows into an after cooler to remove the heat of compression. As the air cools in the after cooler, water and hydrocarbon vapors will condense.

Additional condensation takes place as the air is further cooled in the piping and air dryers.

Environmental regulations strictly prohibit the discharge of oily wastes and chemicals, including the condensate drained from a compressed air system. Because of these requirements, municipalities regulate the discharge of compressor condensate to surface water, wastewater treatment facilities, and sanitary sewers. Please refer to our range of oil/water separators: SEPREMIUM and PURO-CT.

WHY INSTALL A CONDENSATE DRAIN?

Condensate drains are possibly the least glamorous and most ignored component of a compressed air system but nevertheless, a most important part. No matter how much money you spend on that fancy new compressed air system, not spending a little effort with your drain choice could cause you no end of headaches and increased operating costs for years to come.

Contaminants can enter a system at the compressor intake or be introduced into the airstream by the system itself. Lubricant, metal particles, rust, and pipe scale are all separated and filtered out, but it's the drains that have to operate properly for the filters and separators to be successful in completing their task.

Drains can be found on an intercooler, after-cooler, filter, dryer, receiver, drip leg, or at point of use. Drains come in many types and variants for all these applications, some quote fancy descriptions, but they fall into these basic categories. Level sensed – timer operated – float – none (yes that is a drain choice).

How do your drains improve system efficiency? Besides the obvious savings of compressed air with a zero air loss drain choice, there are other less obvious ways drains can save energy or cost you energy if not properly maintained. They are key components in the quest for system efficiency and reliability.

On multiple stage compressors moisture carry over from the intercooler may allow liquid into the next stage causing premature wear and possibly a catastrophic failure.

Installing a reliable drain is an absolute must!



WILL ANY CONDENSATE DRAIN DO?

Compressed air condensate contains particles that contaminate compressed air systems and potentially cause valve blockages. It is important to choose a drain that offers a large enough orifice. Avoid drains that have diaphragm type valve constructions, the diaphragm has a very small hole in it, that once blocked, the complete drain fails to operate.

Drains are also installed outdoors. NEMA 4 (IP65) insulation protection is therefore a minimum requirement. Avoid drains that do not comply to this minimum specification.

For long life expectations select drains that have FPM seals. FPM is the best suited for the aggressive make up of compressor condensate.

Servicing a drain must be straight forward and quick. Avoid drains that are not service friendly as this will cost more time during the maintenance interval.

JORC'S DRAIN CONSTRUCTION

It starts with the design! JORC drains are robust and designed for long life industrial applications.

The JORC direct acting valve construction has proven to be the most reliable option for condensate draining applications. We apply stainless steel moving parts that offer a long life guarantee and are less sensitive to aggressive particles found in condensate.

The JORC valves are constructed from robust brass or stainless steel and not from plastic. This ensures that no damage occurs during transportation, installation, functional operation and the subsequent maintenance moments throughout the drain's working life.

High grade coil insulation protect the copper wire from overheating and top brand PCB components are applied on our electronic modules.

Servicing JORC drains is quick and simple. Economically sensible service kit packages are available for all JORC drains.

In all JORC drains there are FPM seals that have been specifically selected based on their high and low temperature operation characteristics. In addition, FPM seals are selected as this material has proved to be the best choice for compressed air condensate draining applications.

JORC drains can be applied in both oil lubricated and oil free compressor applications.

JORC products carry globally recognized approvals and each product is 100% tested prior to dispatch.



JORC is NEN – EN - ISO 9001:2015 – certified

Chapter 3

SMART-GUARD-MINI

Electronic operated level sensed drain (with alarm function)

The SMART-GUARD-MINI removes all types of condensate from compressed air systems up to 350 CFM without the loss of compressed air.

PRODUCT FEATURES

The SMART-GUARD-MINI incorporates the reliable JORC direct acting valve assembly with FPM seals, operating within a pressure range of 0 to 230 psi.

The SMART-GUARD-MINI can be supplied with or without the external alarm contact options N/O or N/C.

With an inlet connection height of only 2.9" this is an incredibly robust and compact solution with unrivaled installation versatility and reliability.

The weight of the SMART-GUARD-MINI is one lbs.

The maximum compressor capacity of this drain is 350 CFM and typical draining applications include fridge dryers and filters - mainly due to its incredible compact size.



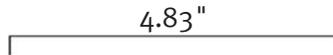
COMMERCIAL BENEFITS

- Extremely compact and lightweight unit
- Side inlet adapter optionally available
- True zero air loss solution
- One model covers all compressor capacities up to 350 CFM
- No sizing chart required, offering stocking advantages
- The serviceable valve allows easy maintenance
- Consult JORC for private labelling options

TECHNICAL ADVANTAGES

- Zero air loss during the condensate discharge
- Visual alarm (LED indication)
- Optionally supplied with alarm function N/O or N/C
- Easy to install due to its low inlet height
- External valve construction allows for fast and easy maintenance
- Direct acting valve with FPM seal
- Robust corrosion resistant aluminum housing
- A large integrated mesh strainer

PRODUCT DIMENSIONS



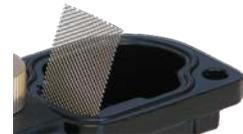
Version with external alarm contact option N/O (U1) or N/C (U2)



Standard version

PRODUCT SPECIFICATIONS

Max. compressor capacity	350 CFM
Max. drainage capacity	12 gallons condensate per hour at 230 psi
Min./max. system pressure	0 - 230 psi
Min./max. medium temperature	34 - 122 °F
Min./max. ambient temperature	34 - 122 °F
Supply voltage options	230VAC / 115VAC / 24VAC / 24VDC
Enclosure protection rating	NEMA 4 (IP65)
Connector type (power)	DIN 43650-B
Inlet connection	1/2" NPT
Inlet height	2.9"
Outlet connection	1/4", with brass hose barb adapter
Valve type	2/2 way, direct acting
Valve orifice	2 mm
Valve seals	FPM
Serviceable valve	yes
Integrated mesh strainer	yes
Housing material	Corrosion resistant aluminum, EP coating
Test feature	yes
Visual alarm	yes, LED indication
External alarm contact options	U1 (N/O), U2 (N/C) <u>supplied optional</u>



Large integrated mesh filter



Side inlet adapter optionally available



JORC direct acting valve construction offering you condensate discharge reliability

Chapter 4

SMART-GUARD

Electronic operated level sensed drain with alarm function

The SMART-GUARD removes all types of condensate from compressed air systems up to 3500 CFM without the loss of compressed air.

PRODUCT FEATURES

The SMART-GUARD is cost effective and offers a rapid pay-back period due to a competitive pricing level, low stocking cost, zero air-loss and energy saving features.

The compact robust industrial housing, 2/2 way direct acting valve with a large orifice, alarm N/O or N/C and the integrated mesh strainer make the SMART-GUARD a highly reliable draining solution.

Equipped with a digital, LED illuminated, sight-port/level indicator showing you the condensate level inside the reservoir and enabling you to monitor the SMART-GUARD's operation, even in poor lit places.



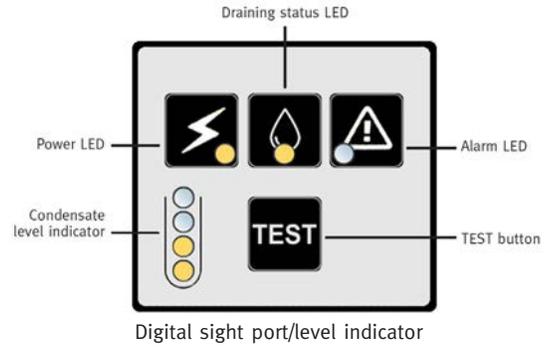
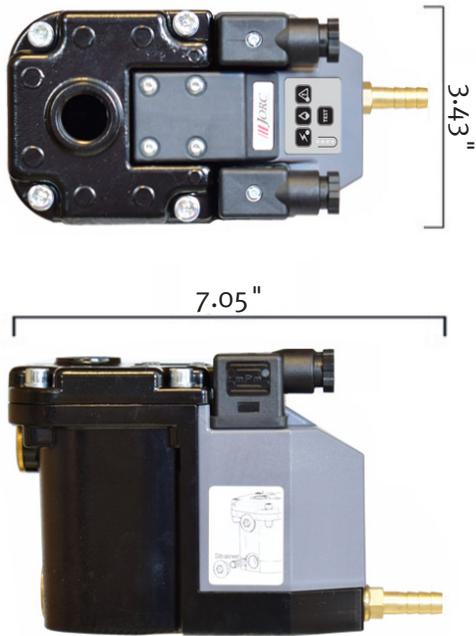
COMMERCIAL BENEFITS

- Competitive compact zero air loss draining solution
- Zero air loss technology saves air, energy and money
- Rapid pay-back period due to competitive pricing level and reduced stocking costs
- 1 Model covers up to 3500 CFM compressor capacity
- No sizing charts required
- Consult factory for D-LUX models (a variant that offers extensive programming options)
- Consult JORC for private labelling options

TECHNICAL ADVANTAGES

- Zero air loss during the condensate discharge
- Alarm function (N/O or N/C) standard incorporated
- Successful draining of all types of condensate due to large orifice
- Easy installation and visual display of operating status
- Integrated mesh strainer
- Direct acting valve assembly, ensuring reliable discharge operation
- Robust corrosion resistant aluminum housing
- Easy and quick to service
- Optional heater for cold weather applications available

PRODUCT DIMENSIONS



PRODUCT SPECIFICATIONS

Max. compressor capacity	3500 CFM
Max. drainage capacity U3/U4 version	176 gallons condensate per hour at 230 psi
Min./max. system pressure	0 - 230 psi
Min./max. medium temperature	34 - 122 °F
Min./max. ambient temperature	34 - 122 °F
Supply voltage options	230VAC / 115VAC / 24VAC / 24VDC
Enclosure protection rating	NEMA 4 (IP65)
Connector type (power and alarm)	DIN 43650-B
Inlet connections	1/2" NPT, 3 inlet options
Inlet height	4.5" (top) and 2.9" & 0.6" (side)
Outlet connection	1/4", with brass hose barb adapter
Valve type	2/2 way, direct acting
Valve orifice	4 mm
Valve seals	FPM
Serviceable valve	yes
Integrated mesh strainer	yes
Housing material	Corrosion resistant aluminum, EP coating
Test feature	yes
External alarm contact version U3	Normally Open (N/O)
External alarm contact version U4	Normally Closed (N/C)



Three inlets offer installation flexibility



Integrated mesh strainer protects the valve against large contaminants

Chapter 5

SMART-GUARD-HP

High pressure electronic level sensed condensate drain

The SMART-GUARD-HP (up to 725 PSI) removes all types of condensate from compressed air systems up to 3500 CFM without the loss of compressed air.

PRODUCT FEATURES

The SMART-GUARD-HP is a compact electronic zero air loss condensate drain for applications up to 725 psi.

The SMART-GUARD-HP is effective and offers a rapid pay-back period due to a competitive pricing level, low stocking cost, zero air loss and energy saving aspects.

The SMART-GUARD-HP can be installed in all compressed air system components up to 3500 CFM regardless size and climate zone – only 1 model needed!

The robust industrial housing, the alarm feature and the 2/2 way direct acting valve assembly make the SMART-GUARD-HP a reliable solution for all compressed air system applications.

The SMART-GUARD-HP offers an integrated mesh strainer (to prevent large particles from entering the valve orifice), is easy to disassemble and is service friendly.



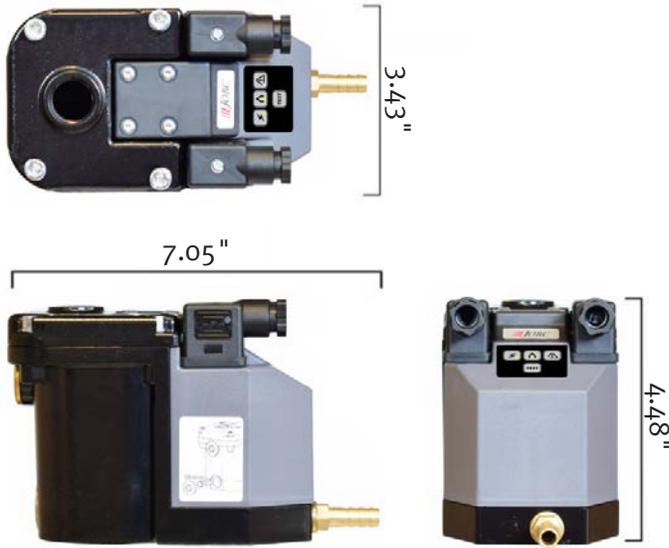
COMMERCIAL BENEFITS

- Competitive compact zero air loss draining solution
- Zero air loss technology saves air, energy and money
- Rapid pay-back period due to competitive pricing level and reduced stocking costs
- 1 model covers up to 3500 CFM compressor capacity
- No sizing charts required
- Consult JORC for private labelling options

TECHNICAL ADVANTAGES

- Alarm function (N/O or N/C) standard incorporated
- Successful draining of condensate due to large orifice (also heavily emulsified condensate)
- Easy installation and visual display of operating status
- Integrated mesh strainer
- Direct acting valve assembly, ensuring reliable discharge operation
- Robust corrosion resistant aluminum housing

PRODUCT DIMENSIONS



Three stage compressor applications can be fitted with the all-in-one solution, covering the various pressure stages – mounted on one bracket



PRODUCT SPECIFICATIONS

Max. compressor capacity	3500 CFM
Max. drainage capacity	31 gallons condensate per hour at 725 psi
Min./max. system pressure	0 - 725 psi
Min./max. medium temperature	34 - 122 °F
Min./max. ambient temperature	34 - 122 °F
Supply voltage options	230VAC / 115VAC / 24VAC / 24VDC
Enclosure protection rating	NEMA 4 (IP65)
Connector type (power and alarm)	DIN 43650-B
Inlet connections	1/2" NPT, 3 inlet options
Inlet height	4.5" (top) and 2.9" & 0.6" (side)
Outlet connection	1/4", with brass hose barb adapter
Valve type	2/2 way, direct acting
Valve orifice	1.8 mm
Valve seals	FPM
Serviceable valve	yes
Integrated mesh strainer	yes
Housing material	Corrosion resistant aluminum, EP coating
Test feature	yes
External alarm contact version U1	Normally Open (N/O)
External alarm contact version U2	Normally Closed (N/C)



Integrated mesh strainer to protect the valve



Multiple (3) inlet options

Chapter 6

POD-TD

Level sensed condensate drain

The POD-TD removes all types of condensate from compressed air systems up to 3500 CFM without the requirement of electricity.

PRODUCT FEATURES

The POD-TD removes condensate from compressed air systems without using electricity.

The discharge process is automatic and is based on a newly developed 3/2 way level controlled valve principle that operates a piston type direct acting valve.

The POD-TD is ideally suited in applications where power is not available, too expensive or not reliable.

The integrated stainless steel strainer protects the valve, optimizing the discharge performance.



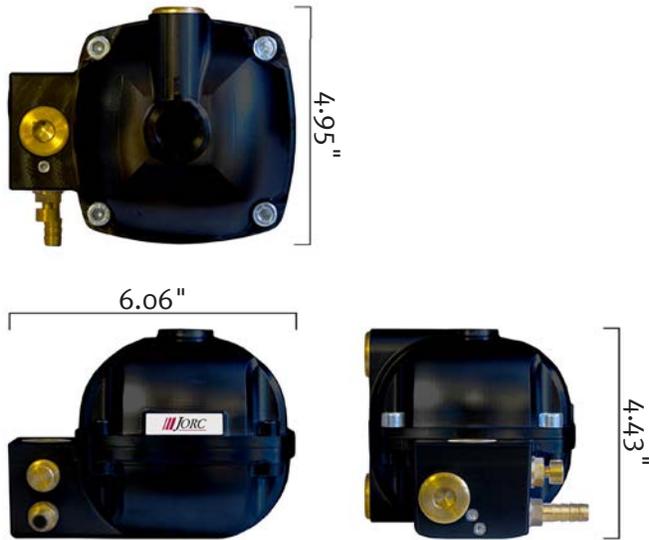
COMMERCIAL BENEFITS

- Suitable for any type of compressed air system
- No electricity required – install and go
- No operating costs
- Competitive ‘true green’ solution
- Reduced stocking costs - 1 model covers 3500 CFM
- No complicated sizing charts required
- Consult JORC for private labelling options

TECHNICAL ADVANTAGES

- Compact and unique design
- Incredibly easy and quick to install and service
- No complicated external control air balance line required
- Integrated mesh strainer
- Top and side inlets available
- Test feature for routine testing
- Robust corrosion resistant aluminum housing
- Direct acting valve construction for a reliable condensate discharge operation
- Successful draining of, even heavily emulsified, condensate due to large 6 mm valve orifice

PRODUCT DIMENSIONS



PRODUCT SPECIFICATIONS

Max. compressor capacity	3.500 CFM
Max. drainage capacity	281 gallons condensate per hour at 230 psi
Min./max. system pressure	44 - 230 psi
Min./max. medium temperature	34 - 122 °F
Min./max. ambient temperature	34 - 122 °F
Enclosure protection rating	NEMA 6 (IP68)
Inlet connection	1/2" NPT, 3 inlet options
Inlet height	4.7" (top) and 3.8" & 0.6" (side)
Outlet connection	1/4", with brass hose barb adapter
Valve type	Direct acting
Valve orifice	6 mm
Valve seals	FPM
Serviceable valve	yes
Integrated mesh strainer	yes
Housing material	Corrosion resistant aluminium, EP coating
Test feature	yes



Integrated strainer to protect the valve



Three inlet options for easy installation



Test feature for routine testing

Chapter 7

NUFORS-XF

Pneumatically operated level sensed condensate drain

The NUFORS-XF removes all types of condensate from compressed air systems up to 17500 CFM without the requirement of electricity and without the unnecessary loss of compressed air.

PRODUCT FEATURES

The NUFORS-XF has an exceptional large condensate discharge capacity of 1260 gallons per hour at 230 psi.

The discharge process is automatic and is based on a 3/2 way level controlled valve principle that operates a piston type direct acting valve.

The NUFORS-XF is ideally suited in applications where power is not available, too expensive or not reliable.

In addition, the NUFORS-XF can be applied in applications that demand a higher enclosure protection rating. The NUFORS-XF offers a NEMA 6 rating.



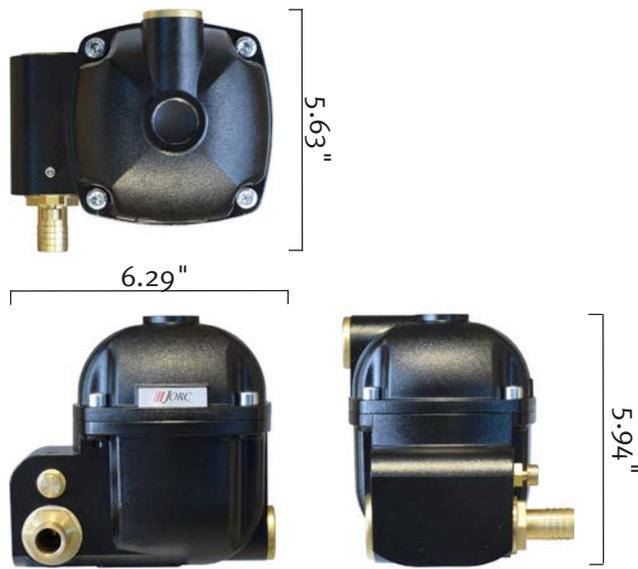
COMMERCIAL BENEFITS

- Suitable for large capacity compressed air applications up to 17500 CFM
- No electricity required – install and go
- No operating costs
- Competitive 'true green' solution
- Reduced stocking costs - 1 model covers 17500 CFM
- No complicated sizing charts required
- Consult JORC for private labelling options

TECHNICAL ADVANTAGES

- Level sensing drain technology
- Incredibly easy and quick to install and service
- No complicated external control air balance line required
- Top- and side inlets available
- Test feature for routine testing
- Robust corrosion resistant aluminum housing
- Direct acting valve construction for a reliable condensate discharge operation
- Successful draining of, even heavily emulsified, condensate due to a large 12 mm valve orifice

PRODUCT DIMENSIONS



PRODUCT SPECIFICATIONS

Max. compressor capacity	17500 CFM <i>guideline only</i>
Max. drainage capacity	1260 gallons condensate per hour at 230 psi
Min./max. system pressure	44 - 230 psi
Min./max. medium temperature	34 - 122 °F
Min./max. ambient temperature	34 - 122 °F
Enclosure protection rating	NEMA 6 (IP68)
Inlet connection	1/2" NPT, 3 inlet options
Inlet height	5.94" (top), 5.24" and 0.70" (side)
Outlet connection	3/4", with brass hose barb adapter
Valve type	Direct acting
Valve orifice	12 mm
Valve seals	FPM
Serviceable valve	yes
Integrated mesh strainer	yes
Housing material	Corrosion resistant aluminium, EP coating
Test feature	yes



Integrated strainer to protect the valve



Three inlet options for easy installation



Test feature for routine testing

Chapter 8

MINI-MAG single inlet

Magnetically operated level sensed filter drain

The MINI-MAG is a magnetically operated level sensed drain that discharges condensate from all types of compressed air filters by using a unique technology based on magnetic forces.

PRODUCT FEATURES

The MINI-MAG uses specially selected magnets that operate the 2/2 way direct acting valve assembly.

The discharge process of the MINI-MAG is automatic and there is no loss of compressed air during the condensate discharge cycle.

The specially selected magnets ensure a high operation consistency.

The MINI-MAG is easy to install and service. It can also remain hooked up to the filter while maintenance is being carried out (i.e. the drain does not need to be unthreaded from the filter).

JORC recommends users to replace all unreliable filter (float) drains and to install the MINI-MAG.



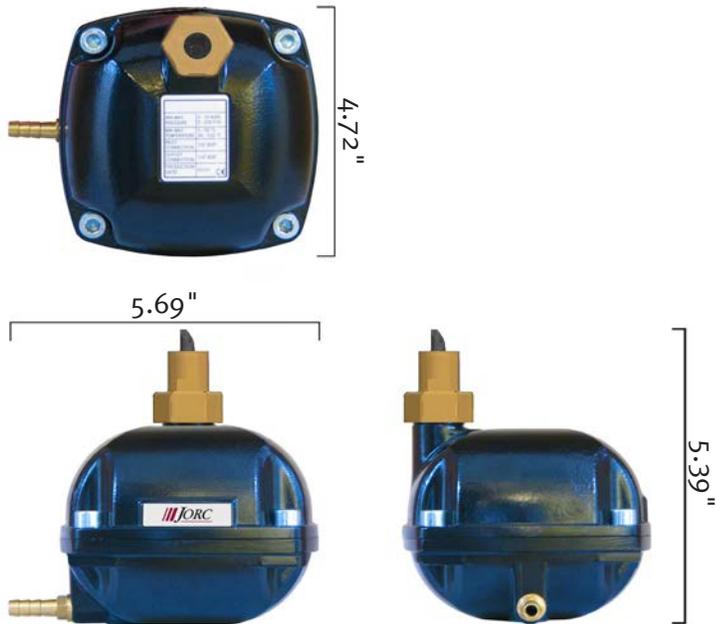
COMMERCIAL BENEFITS

- Does not require electricity
- No operating cost once installed
- Competitive true 'green' solution suitable for all compressed air filters
- Zero air loss technology saves air, energy and money
- Low stocking cost advantages for you
- Low purchase threshold for your customers
- Consult JORC for private labelling options

TECHNICAL ADVANTAGES

- Light weight, less than 2.2 lbs
- Robust corrosion resistant aluminium housing
- Incredibly easy to install and to service
- No need to unthread the MINI-MAG for routine maintenance
- Direct acting valve, for a reliable discharge
- Bottom part of the housing can be rotated 360° for installation simplicity
- Service kit available
- The anti-air-lock adapter is integrated in the design

PRODUCT DIMENSIONS



PRODUCT SPECIFICATIONS

Max. filter capacity	Unlimited
Max. drainage capacity	37.8 gallons condensate per hour at 230 psi
Min./max system pressure	0 - 230 psi
Min./max. medium temperature	34 - 122 °F
Min./max. ambient temperature	34 - 122 °F
Enclosure protection rating	NEMA 6 (IP68)
Inlet connection	1/2" NPT
Inlet height	5,4"
Outlet connection	1/8", with brass hose barb adapter
Valve type	2/2 way direct acting
Valve orifice	2 mm
Valve seal	FPM
Serviceable valve	yes
Housing material	Corrosion resistant aluminum, EP coating
Anti-air-lock adapter	Standard integrated



Easy to install and to service



Anti-air-lock adapter (included)



Designed for filter draining

Chapter 9

MAG-11

dual inlet

Magnetically operated zero air loss drain

The MAG-11 is a magnetically operated level sensed drain that discharges condensate from all types of compressed air filters and refrigerated dryers by using a unique technology based on magnetic forces.

PRODUCT FEATURES

The MAG-11 is a magnetically operated level sensed drain that discharges condensate from all compressed air filters and refrigerated dryers by using a unique technology based on magnetic forces. The MAG-11 uses specially selected magnets that operate the 2/2 way direct acting valve assembly.

The discharge process of the MAG-11 is automatic and there is no loss of compressed air during the condensate discharge cycle. The specially selected long-life magnets ensure a high operation consistency.

The MAG-11 is easy to install due to the top and side inlet options. The MAG-11 is ideally suited to applications where power is not available, too expensive or not reliable.

Typically the MAG-11 is installed in refrigerated dryers, filters and under piston compressors.



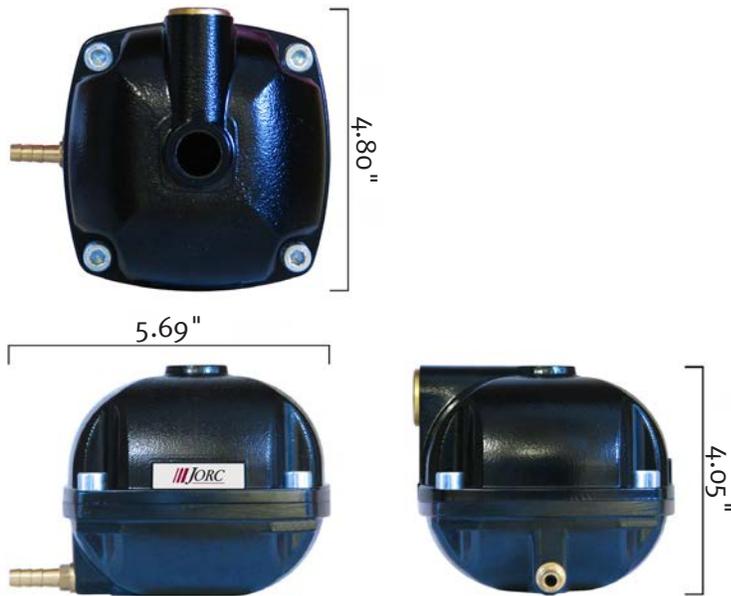
COMMERCIAL BENEFITS

- Does not require electricity
- No operating cost once installed
- Competitive true 'green' solution suitable for all compressed air filters and refrigerated dryers
- Zero air loss technology saves air, energy and money
- Low stocking cost advantages for you
- Low purchase threshold for your customers
- Consult JORC for private labeling options
- Bottom part of the housing can be rotated 360° for installation simplicity

TECHNICAL ADVANTAGES

- Two inlet options
- Robust corrosion resistant aluminum housing
- Incredibly easy to install and to service
- No need to unthread the MAG-11 for routine maintenance
- Direct acting valve, for a reliable discharge

PRODUCT DIMENSIONS



PRODUCT SPECIFICATIONS

Max. filter capacity	Unlimited
Max. drainage capacity	37.8 gallons condensate per hour at 230 psi
Min./max. system pressure	0 to 230 psi
Min./max. medium temperature	34 - 122 °F
Min./max. ambient temperature	34 - 122 °F
Enclosure protection rating	NEMA 6 (IP68)
Inlet connection	1/2" NPT (2 inlet options)
Inlet height	4.1" (top) and 3.5" (side)
Outlet connection	1/8", with brass hose barb adapter
Valve type	2/2 way direct acting
Valve orifice	2 mm
Valve seal	FPM
Serviceable valve	yes
Housing material	Corrosion resistant aluminum, EP coating



Service kit available



Bottom part of the housing can be rotated 360° for installation simplicity



Designed with top and side inlet options

ALARM FEATURES

Electronic operated level sensed drains with alarm function

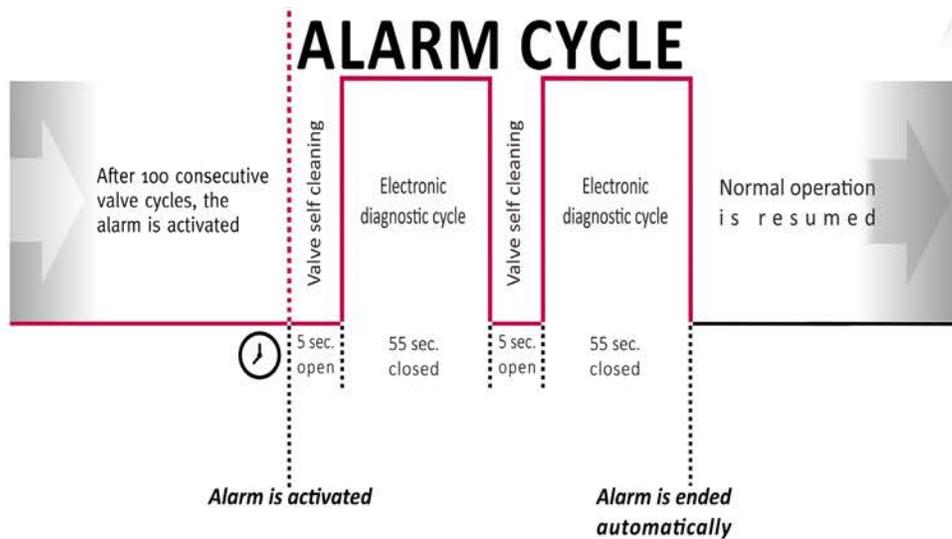
We determine an alarm situation when the drain has cycled too many times consecutively. As it only takes a fraction of time to drain condensate from the upper level to the lower level in the reservoir, we consider many consecutive discharge cycles abnormal and subsequently the alarm will be triggered.

The smart alarm feature is programmed to try and blow out any debris that might obstruct the valve's discharge orifice. Should a valve orifice blockage occur then the drain is programmed to go through a "blow-out" cycle to clear the orifice blockage.

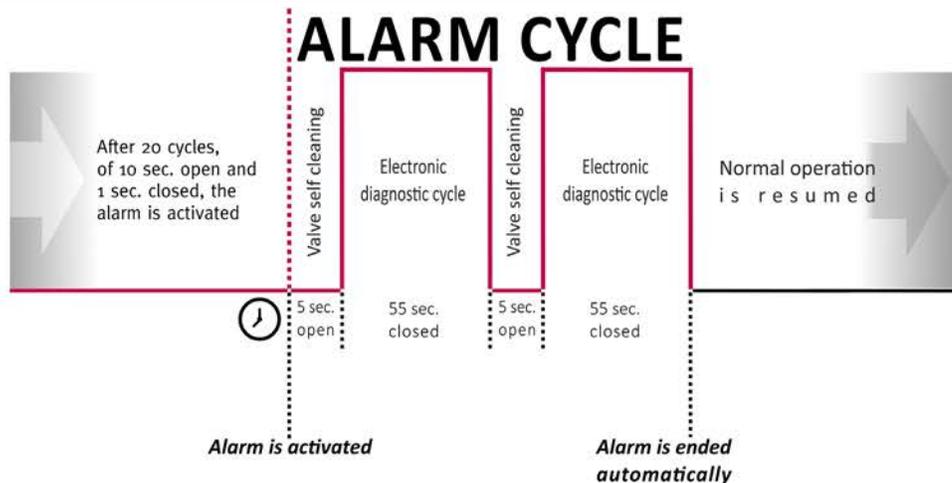
After the alarm cycle is completed the drain will automatically resume normal operation. There is no need to manually re-set the drain.



ALARM FEATURES SMART-GUARD-MINI U₁/U₂



ALARM FEATURES SMART-GUARD U₃/U₄



SERVICING THE SMART-GUARD

Servicing an electronic level sensed drain has never been so easy as with the SMART-GUARD range of drains.

The SMART-GUARD consists of three (3) main components that can be easily removed by unscrewing the 4 bolts on the top.

Remove the top part, slide off the (grey) PCB module and you have immediate access to the direct acting valve assembly.

A low cost service kit for the SMART-GUARD is available.



SERVICING THE SMART-GUARD-MINI



Servicing the SMART-GUARD-MINI could not be easier. The drain comes apart by unscrewing two screws. You lift the coil from the valve stem and you have direct access valve assembly.

The JORC valve inner (moving) parts are always produced from high quality grade stainless steel. This offers long life and high resistance to aggressive types of condensate.

SERVICING THE MINI-MAG & MAG-11

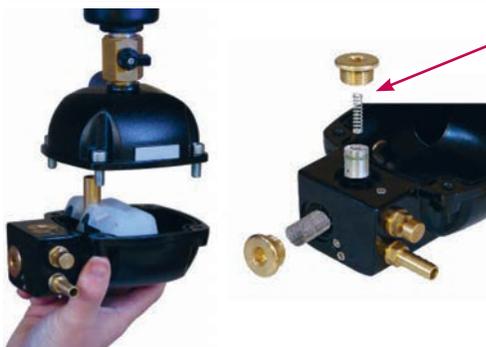
Like all JORC drains, once installed, the threaded connection remains in place during service activities.

The illustration of the MINI-MAG makes this very clear. One of the advantages is that you do not need to re-connect the threaded connection, which saves time.

The MINI-MAG service kit is simple to install and the Allan-key is part of the kit.



SERVICING THE POD-TD



The POD-TD design allows you to service the valve by unthreading one brass fitting. You have direct access to the valve plunger and orifice.

The POD-TD too is designed to remain threaded to your compressed air system whilst maintenance activities are being carried out.

Chapter 11

INSTALLATION

POSITIONING

Installation of level sensed drains requires attention to detail.

Level sensed drains must always be installed upright. Installing a level sensed drain on an angle or upside down will cause malfunction in the way of air locking.

We recommend proper installation of level sensed drains at all times.

The JORC installation manuals offer more detailed information and guidance on level sensed drain installation procedures.



ANTI AIR-LOCK ADAPTER

The anti-air-lock adapter is simple to install and helps prevent air locks from being created.

This adapter is typically applied in combination with the MINI-MAG but can also be connected to other level sensed condensate drains.

The anti-air-lock adapter has a 1/2" inlet and outlet.



SIDE INLET ADAPTER

A specially designed adapter is available to offer a side inlet option for the SMART-GUARD-MINI zero air loss drain.

The SMART-GUARD-MINI fitted with the specially designed adapter offers an inlet height of only 3,27"! This is particularly interesting for installing the SMART-GUARD-MINI inside refrigerated dryers.

Also, piston type air compressors can be fitted with the reliable SMART-GUARD-MINI and adapter combination.

The SMART-GUARD-MINI can be ordered together with the brass adapter, alternatively you can order the brass adapter as a loose item and have it with you during installations, offering you installation flexibility.



LEVEL SENSED DRAIN ACCESSORIES

IN-LINE BALL VALVE STRAINER

The specially designed in-line ball valve strainer allows for easy local shut off of zero air loss drains for maintenance purposes.

Any debris will be caught in the mesh strainer that protects the drain from any blockages and reducing maintenance to a minimum.

It is specially designed to prevent flow restrictions that can cause air-locks.

A specially designed in-line protective strainer ensures debris does not affect the valve orifice or seals and allows the service engineer to safely shut the drain off from the compressed air system.

The typical Y or L type strainers are not designed for applications involving level sensed drains.



HOSE BARB ADAPTERS

Hose barb adapters are a robust and simple way to install the discharge pipe.

The diameter matches the connection to the JORC oil/water separators.

Alternatively, we can offer push-in nipples.



HEATER

In very cold temperatures, condensate may run the risk of freezing when it does not continuously flow through the system.

The heater guarantees a continuous condensate flow in all systems where you have trouble keeping the condensate flowing due to extreme cold weathers.

The heater can be installed in most of JORC's level sensed drains.



COMPRESSED AIR CONDENSATE MANAGEMENT AND ENERGY SAVING PRODUCTS

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