

LEVEL SENSED DRAINS

KAPTIV-MD KAPTIV-CS KAPTIV-CS-HP

NUFORS-CR NUFORS-XF

MAGY-UL











DRAIN EFFICIENCY

RELIABLE



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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.

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 aftercooler to remove the heat of compression. As the air cools in the aftercooler, 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, aftercooler, 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).

Drains improve your 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. IP65 (NEMA 4) 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 heavy duty 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 aggresive particles found in condensate.

The drain housings are constructed from robust coated aluminium and not from plastic. This ensures that no damage is occurring during transport, 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. Low cost 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 is the best choice for compressed air condensate as it is often quite aggressive.

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

JORC products carry globally recognised approvals.









KAPTIV-MD

Electronic zero air loss drain (with optional alarm feature)

The KAPTIV-MD removes all types of condensate from compressed air systems up to 10 m³/min. without the loss of compressed air.

PRODUCT FEATURES

The KAPTIV-MD is an electronic zero air loss drain with an optional N/O or N/C alarm feature (potential free relay), suitable for smaller compressed air applications.

With an inlet connection height of 74 mm and a weight of only 0.5 kg, the KAPTIV-MD offers an incredibly compact solution with unrivalled installation versatility and reliability.

The maximum compressor capacity of this drain is 10 m³/min. (350 CFM) and typical draining applications include fridge dryers and filters - mainly due to its incredible compact size.

To further simplify the installation in restrictive height conditions, a side inlet adapter is available.



KAPTIV-MD-**AL**

COMMERCIAL BENEFITS

- Extremely compact and lightweight
- True zero air loss solution
- 1 model covers compressor capacities up to 10 m³/min.
- No sizing chart required, offering stocking advantages
- The serviceable valve offers maintenance opportunities
- Consult JORC for private labelling options

- Zero air loss during the condensate discharge
- Visual alarm (LED indication)
- Optional N/O or N/C alarm feature (potential free relay)
- 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 aluminium housing
- A large integrated mesh strainer
- Side inlet adapter optionally available
- DRAIN HEATER for cold weather applications and T-adapter optionally available









KAPTIV-MD-AL with alarm feature (potential free relay)









KAPTIV-MD standard version

TECHNICAL SPECIFICATIONS

Max. compressor capacity Max. drainage capacity

Min./max. system pressure

Min./max. medium temperature Min./max. ambient temperature

Supply voltage options Enclosure protection rating Connector type (power and alarm)

Inlet connection Inlet height Side inlet adapter Outlet connection

Valve type Valve orifice Valve seals Serviceable valve Integrated mesh strainer Housing material

Test feature Visual alarm Alarm feature (potential free relay) 10 m³/min. (350 CFM) 45 liters condensate per hour at 16 bar

o - 16 bar (o - 230 psi)

1 - 50 °C (34 - 122 °F) 1 - 50 °C (34 - 122 °F)

230VAC / 115VAC / 24VAC / 24VDC IP65 (NEMA 4) DIN 43650-B

1/2" BSP or NPT 74 mm Yes, optional

1/4" BSP, with brass hose barb adapter

2/2 way, direct acting

2 mm **FPM** Yes Yes

Corrosion resistant aluminium, EP coating

Yes

Yes, LED indication

A1 (N/O), A2 (N/C) supplied optional



Incredibly compact

Large integrated mesh strainer





Side inlet adapter optionally available



T-Adapter for DRAIN HEATER optionally available

KAPTIV-CS

Electronic zero air loss drain with alarm feature

The KAPTIV-CS removes all types of condensate from compressed air systems up to 100 m³/min. without the loss of compressed air.

PRODUCT FEATURES

The KAPTIV-CS 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 and robust industrial housing, 2/2 way direct acting valve with a large orifice, alarm feature (potential free relay) and the integrated mesh strainer make the KAPTIV-CS 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 KAPTIV-CS's operation, even in poor lit places.



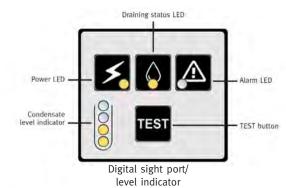
COMMERCIAL BENEFITS

- 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 compressor capacities up to 100 m³/min.
- No sizing charts required
- Consult factory for D-LUX models (a variant that offers extensive programming options)
- Consult JORC for private labelling options

- · Alarm feature (potential free relay) standard incorporated
- Visual alarm (LED) indication
- Digital, LED illuminated sight-port/level indicator
- Zero air loss during condensate discharge
- 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 aluminium housing
- Easy and quick to service
- DRAIN HEATER for cold weather applications available







179 mm





Multiple (3) inlet options

TECHNICAL SPECIFICATIONS

Max. compressor capacity Max. drainage capacity A₃/A₄ version 665 liters condensate per hour at 16 bar

Min./max. system pressure

o - 16 bar (o - 230 psi)

100 m³/min. (3500 CFM)

Min./max. medium temperature Min./max. ambient temperature 1 - 50 °C (34 - 122 °F) 1 - 50 °C (34 - 122 °F)

Supply voltage options Enclosure protection rating Connector type (power and alarm) 230VAC / 115VAC / 24VAC / 24VDC IP65 (NEMA 4) DIN 43650-B

Inlet connections Inlet height Outlet connection 1/2" BSP or NPT, 3 inlet options 11 cm (top) and 7.5 & 1.5 cm (side) 1/4" BSP, with brass hose barb adapter



Integrated mesh strainer to protect the valve

Valve type 2/2 way, direct acting Valve orifice 4 mm Valve seals **FPM**

Serviceable valve Yes Integrated mesh strainer

Housing material

Corrosion resistant aluminium, EP coating

Test feature Visual alarm

Yes, LED indication

Optional heater for cold weather applications available

Alarm feature type A₃ (N/O)* Alarm feature type A₄ (N/C)** Normally open alarm output contact (potential free relay) Normally closed alarm output contact (potential free relay)

^{*}A3 = Normally open contacts, closed when in alarm phase. LED on the drain is OFF when in operation and ON when in alarm mode.

^{**}A4 = Normally closed contacts, open when in alarm phase. LED on the drain is OFF when in operation and ON when in alarm mode.

KAPTIV-CS-HP

Electronic zero air loss drain for high pressure applications

The KAPTIV-CS-HP (up to 50 bar) removes all types of condensate from compressed air systems up to 100 m³/min. without the loss of compressed air.

PRODUCT FEATURES

The KAPTIV-CS-HP is a compact electronic zero air loss condensate drain for applications up to 50 bar.

The KAPTIV-CS-HP 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 aspects.

The KAPTIV-CS-HP can be installed in all compressed air system components up to 100 m³/min. 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 KAPTIV-CS-HP a reliable solution for all compressed air system applications.



The KAPTIV-CS-HP offers an integrated mesh strainer (to protect the valve), 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 compressor capacities up to 100 m³/min.
- No sizing charts required
- Consult JORC for private labelling options

- Alarm feature (potential free relay) standard incorporated
- Operating pressure up to 50 bar
- Visual alarm (LED) indication
- Zero air loss during condensate discharge
- Easy installation and visual display of operating status
- Integrated mesh strainer
- Direct acting valve assembly, ensuring reliable discharge operation
- Robust corrosion resistant aluminium housing
- Easy and quick to service













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

TECHNICAL SPECIFICATIONS

Max. compressor capacity Max. drainage capacity

Min./max. system pressure

Min./max. medium temperature Min./max. ambient temperature

Supply voltage options Enclosure protection rating Connector type (power and alarm)

Inlet connections Inlet height Outlet connection

Valve type Valve orifice Valve seals Serviceable valve Integrated mesh strainer Housing material

Test feature Visual alarm

Alarm feature type A1 (N/O)* Alarm feature type A2 (N/C)** 100 m³/min. (3500 CFM) 120 liters condensate per hour at 50 bar

o - 50 bar (o - 725 psi)

1 - 50 °C (34 - 122 °F) 1 - 50 °C (34 - 122 °F)

230VAC / 115VAC / 24VAC / 24VDC IP65 (NEMA 4) DIN 43650-B

1/2" BSP or NPT, 3 inlet options 11 cm (top) and 7.5 & 1.5 cm (side) 1/4" BSP, with brass hose barb adapter

2/2 way, direct acting

1.8 mm FPM Yes

Corrosion resistant aluminium,

EP coating

Yes

Yes, LED indication

Normally open alarm output contact (potential free relay) Normally closed alarm output contact (potential free relay)



Multiple inlets offer installation flexibility

Integrated mesh strainer to protect the valve

^{*}A1 = Normally open contacts, closed when in alarm phase. LED on the drain is OFF when in operation and ON when in alarm mode.

^{**}A2 = Normally closed contacts, open when in alarm phase. LED on the drain is OFF when in operation and ON when in alarm mode.

NUFORS-CR

Pneumatically operated level sensed condensate drain

The NUFORS-CR removes all types of condensate from compressed air systems up to 100 m³/min. without using electricity and without the unnecessary loss of compressed air.

PRODUCT FEATURES

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

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

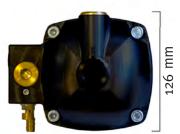


COMMERCIAL BENEFITS

- Suitable for any type of compressed air system
- No electricity required install and go
- No operating costs once installed
- Competitive "true green" solution
- Reduced stocking costs 1 model covers compressor capacities up to 100 m³/min.
- No complicated sizing charts required
- Consult JORC for private labelling options

- 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





154 mm







TECHNICAL SPECIFICATIONS

Max. compressor capacity Max. drainage capacity

Min./max. system pressure

Min./max. mediumtemperatur Min./max. ambient temperature

Enclosure protection rating

Inlet connections Inlet height Outlet connection

Valve type Valve orifice Valve seals Serviceable valve Integrated mesh strainer Housing material

Test feature

100 m³/min. (3500 CFM) 1062 liters condensate per our at 16 bar

3 - 16 bar (44 - 230 psi)

1 - 50 °C (34 - 122 °F) 1 - 50 °C (34 - 122 °F)

IP68 (NEMA 6)

1/2" BSP or NPT, 3 inlet options 11,2 cm (top) and 9,7 cm & 1,5 cm (side) 1/4" BSP, with brass hose barb adapter

Direct acting 6 mm FPM Yes Yes

Corrosion resistant aluminium, EP coating

Yes



Integrated strainer to protect the valve



Three inlet options for easy installation



Test feature for routine testing

NUFORS-XF

Pneumatically operated level sensed condensate drain

The NUFORS-XF removes all types of condensate from large capacity compressed air applications up to 500 m³/min. without using electricity and without the unnecessary loss of compressed air.

PRODUCT FEATURES

The NUFORS-XF has an exceptional large condensate discharge capacity of 4800 litres per hour at 16 bar.

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 an IP68 (NEMA 6) rating.



COMMERCIAL BENEFITS

- Suitable for large capacity compressed air applications up to 500 m³/min.
- No electricity required install and go
- No operating costs once installed
- Competitive "true green" solution
- Reduced stocking costs 1 model covers compressor capacities up to 500 m³/min.
- No complicated sizing charts required
- Consult JORC for private labelling options

- Large condensate discharge capacity of 4800 litres per hour at 16 bar
- 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 aluminium 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



160 mm







TECHNICAL SPECIFICATIONS

Max. compressor capacity Max. drainage capacity

Min./max. system pressure

Min./max. mediumtemperatur Min./max. ambient temperature

Enclosure protection rating

Inlet connections Inlet height Outlet connection

Valve type Valve orifice Valve seals Serviceable valve Housing material

Test feature

500 m³/min. (17500 CFM) guideline only 4800 liters condensate per our at 16 bar

3 - 16 bar (44 - 230 psi)

1 - 50 °C (34 - 122 °F) 1 - 50 °C (34 - 122 °F)

IP68 (NEMA 6)

3/4" BSP or NPT, 3 inlet options 15,1 cm (top) and 13,3 cm & 1,8 cm (side) 3/4" BSP, with brass hose barb adapter

Direct acting 12 mm FPM Yes

Corrosion resistant aluminium, EP coating

Yes



The NUFORS-XF on its optionally available mounting bracket



Three inlet options for easy installation



Test feature for routine testing

MAGY-UL single inlet

Magnetically operated zero air loss filter drain

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

The discharge process of the MAGY-UL 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 MAGY-UL is easy to install and to service and 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 to replace all unreliable filter (float) drains and to install the MAGY-UL.



COMMERCIAL BENEFITS

- Does not require electricity
- No operating costs 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

- Light weight, less than 1 kg.
- Incredibly easy to install and to service
- No need to unthread the MAGY-UL for routine maintenance
- Bottom part of the housing can be rotated 360° for installation simplicity
- The anti-air-lock adapter is integrated in the design
- Direct acting valve, for a reliable discharge
- Service kit available
- Robust corrosion resistant aluminium housing

/// JORC

PRODUCT DIMENSIONS









TECHNICAL SPECIFICATIONS

Max. filter capacity
Max. drainage capacity

Min./max. system pressure

Min./max. mediumtemperatur Min./max. ambient temperature

Enclosure protection rating

Inlet connection
Inlet height
Outlet connection

Outlet connection

Valve type Valve orifice Valve seals Serviceable valve Housing material

8

Anti-air-lock adapter

Unlimited

145 liters condensate per hour at 16 bar

o - 16 bar (o - 230 psi)

1 - 50 °C (34 - 122 °F) 1 - 50 °C (34 - 122 °F)

IP68 (NEMA 6)

1/2" BSP or NPT

13,7 cm

1/8" BSP, with brass hose barb adapter

2/2 way, direct acting

2 mm FPM Yes

Corrosion resistant aluminium, EP coating

Standard integrated



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



Integrated anti-air-lock adapter



Service kit available

MAGY dual inlet

Magnetically operated zero air loss drain

The MAGY 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 MAGY is a magnetically operated zero air loss drain that discharges condensate from all compressed air filters and refrigerated dryers. The MAGY uses specially selected magnets that operate the 2/2 way direct acting valve construction.

The discharge process of the MAGY is automatic and there is no compressed air lost during the condensate discharge cycle. The specially selected long-life magnets ensure a reliable discharge operation.

The MAGY is easy to install with top and side inlet options. The MAGY is ideally suited in applications where power is not available, too expensive or not reliable.



Typically the MAGY 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

- Two inlet options
- Incredibly easy to install and to service
- No need to unthread the MAGY for routine maintenance
- Bottom part of the housing can be rotated 360° for installation simplicity
- Direct acting valve, for a reliable discharge
- Service kit available
- Robust corrosion resistant aluminium housing





144 mm







TECHNICAL SPECIFICATIONS

Max. filter capacity
Max. drainage capacity

Min./max. system pressure

Min./max. mediumtemperatur Min./max. ambient temperature

Enclosure protection rating

Inlet connections
Inlet height
Outlet connection

Valve type Valve orifice Valve seals Serviceable valve Housing material Unlimited

145 liters condensate per hour at 16 bar

o - 16 bar (o - 230 psi)

1 - 50 °C (34 - 122 °F) 1 - 50 °C (34 - 122 °F)

IP68 (NEMA 6)

1/2" BSP or NPT, 2 inlet options
10,3 cm (top) and 9 cm (side)

1/8" BSP, with brass hose barb adapter

2/2 way, direct acting

2 mm FPM Yes

Corrosion resistant aluminium, EP coating



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



Service kit available



Anti-air-lock adapter available

ALARM FEATURES

Electronic operated level sensed drains with alarm function

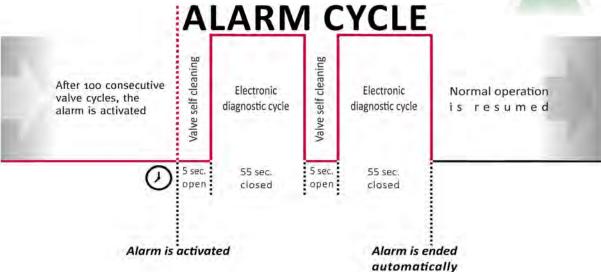
We determine an alarm situation when the drain has cycled too many times consecutively. As it only takes a fraction of time to drain condensate from the upper level to the lower level in the reservoir, we consider many consecutive discharge cycles abnormal and subsequently the alarm will be triggered.

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.

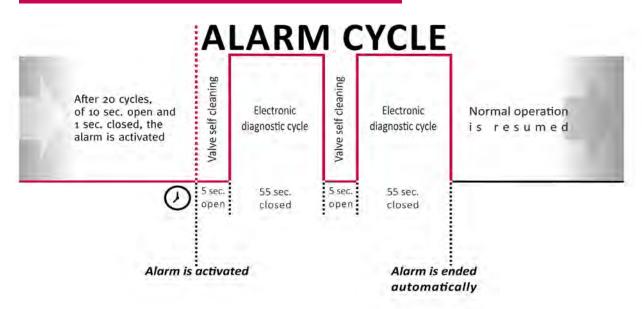
After the alarm cycle is completed the drain will automatically resume normal operation. There is no need to manually reset the drain.



ALARM FEATURES KAPTIV-MD-AL A1/A2



ALARM FEATURES KAPTIV-CS A3/A4



SERVICING THE KAPTIV-CS

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

The KAPTIV-CS 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 KAPTIV-CS is available.



SERVICING THE KAPTIV-MD



Servicing the KAPTIV-MD 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 MAGY

Like all JORC drains, once installed, the threaded connection remains in place during service activities. The illustration of the MAGY-UL makes this very clear.

One of the advantages is that you do not need to re-connect the threaded connection, which saves time.

The MAGY service kits are simple to install and the Allen key is part of the kit.



SERVICING THE NUFORS



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

Also the NUFORS is designed to remain threaded to your compressed air system whilst maintenance activities are being carried out.

INSTALLATION

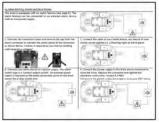
POSITIONING

Installation of level sensed drains involves 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 MAGY-UL (integrated in the MAGY-UL design), 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 KAPTIV-MD zero air loss drain.

The KAPTIV-MD fitted with the specially designed adapter offers an inlet height of only 83 mm! This is particularly interesting for installing the KAPTIV-MD inside refrigerated dryers.

Also, piston type air compressors can be fitted with the reliable KAPTIV-MD and adapter combination.

The KAPTIV-MD 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.





ACCESSORIES



IN-LINE BALL VALVE STRAINER

The specially designed <u>in-line</u> 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.



DRAIN HEATER AND T-ADAPTER

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

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

The DRAIN HEATER can be installed in most of JORC's level sensed drains. The T-adapter is a useful installation aid as it enables you to connect the DRAIN HEATER to various 1/2" drains.

The DRAIN HEATER with T-adapter can be applied in combination with both levels sensed drains and timer controlled drains





NOTES:	





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