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Zero Loss Energy Saving
Condensate Drains
**Optimise your condensate
management operations**

Maximize the potential **of your compressed air system!**

In the complex world of compressing air, where atmospheric contaminants like hydrocarbons, dust particles, and water and chemical vapours are constant companions, the importance of a reliable draining system cannot be overstated. Your air compression system is an investment that needs to be well protected to ensure that it provides lifetime value & supports your business growth to the fullest. Decades of experience in the condensate management technology allowed us to develop a range of products that provides a range of real-life benefits. Jorc is proud of being the go-to partner for numerous leading air compressor manufacturers as well as of having a vast, worldwide network of trusted compressed air distributors. Together we support the seamless operation of countless compressed air systems around the globe.

All Jorc Condensate Drains are **CE, UL, CRN, REACH, RoHS, UKCA, ISO 9001** certified or compliant and are able to operate even with 0 bar pressure.



Cost saving

With zero air loss drain choice, JORC drains are the guardians of system efficiency. They ensure that every ounce of compressed air is utilized to its fullest, saving energy and cost.



Environmental Compliance

In an era where environmental regulations are stringent, JORC drains stand tall, ensuring that your system complies with all legal requirements, avoiding potential fines and legal hassles.



Ease of Maintenance

Time is valuable, and JORC understands that. With quick and simple servicing options and low-cost service kit packages, maintaining JORC drains is a breeze.



Superior reliability

Crafted with stainless steel moving parts and robust coated aluminium, JORC drains are designed for heavy-duty applications. They are built to last, ensuring that your investment today pays off for years to come.

JORC products are globally recognized, a testament to their quality and performance. When you choose JORC, you choose a brand trusted by industry leaders worldwide. Browse this product catalog to learn more about our top-quality levels sensed drains and request a quote today!

TEC-44

Technical features

- **Does not air-lock** during operation.
- **For compressed air** applications up to 40 bar.
- **Suitable for all types** of compressed air systems with a high contamination of its condensate (rust, scale).
- **TEST** (micro-switch) feature.
- **Micro-processor controlled** (high level of time cycle accuracy).
- **Medium pressure** up to 40 bar.
- **Remote control** - optional.
- **Large (full bore) 12 mm orifice**, offering you a drain that cannot block.
- **Digital cycle display**, offering you a visual display of drain status.
- **Stainless steel ball valve**, offering you crushing power

Product specifications TEC-44

Max. compressor capacity	Any size
Pressure range	0 - 40 bar
Supply voltage options	24VDC, 115VAC and 230VAC 50/60Hz. (please indicate)
Medium temperature	1 - 60 °C
Ambient temperature	1 - 55 °C
Timer cycle range (On/OFF)	7 seconds to 15 minutes ON / 4 minutes to 24 hours OFF
Timer PCB	SMD technology, ensuring consistency in production
Timer cycle indication	Bright LED illumination, LED program indicator
TEST feature	Yes
Valve type	motorised ball valve
Valve orifice	12 mm
Valve seals	FPM and PTFE
Inlet/outlet connections	1/2" (BSP or NPT)
Inlet connection height	1.0 cm
Serviceable valve	Yes
Valve housing material	Brass nickel plated, ballvalve stainless steel
Power connection	Cable and plug
Environmental protection	IP65 (NEMA4)

KAPTIV-MD-AL-MULTI

Handles up to 10 m³/min, designed for tight spaces and maximum flexibility.

Introducing the KAPTIV-MD-AL-MULTI the game-changer in compressed air systems. Tailored for smaller applications, this electronic drain boasts an alarm feature, ensuring you're always in the know. Its compact design doesn't compromise on performance, making it the top choice for fridge dryers and filters. Experience unmatched reliability and versatility with KAPTIV-MD-AL-MULTI. Your air systems deserve nothing less. Features multiple inlets for improved flexibility.

Product benefits:



Compact and lightweight



True zero air-loss



Flexible & Easy Integration



Easy Maintenance



KAPTIV-MD-AL-MULTI

Technical features

- **Zero air-loss** during the condensate discharge
- **Visual alarm** (power LED) indication
- **Alarm feature N/O or N/C** (potential free relay) incorporated
- **Easy to install** due to its low inlet height
- **External valve construction** allows fast and easy maintenance
- **Direct acting valve** with FPM seal
- **Robust corrosion** resistant aluminium housing
- **Large integrated mesh strainer** to protect the valve
- **Drain heater** for cold weather applications optionally
- **Version without the alarm** feature available upon request

Product specifications KAPTIV-MD-AL-MULTI

Max. compressor capacity	10 m ³ /min. (350 CFM) regardless of climate zone
Max. drainage capacity	45 litres condensate per hour at 16 bar (230 psi)
Min./max. system pressure	0 - 16 bar (up to 230 psi)
Min./max. medium temperature	1 - 50 °C (34 - 122 °F)
Min./max. ambient temperature	1 - 50 °C (34 - 122 °F)
Supply voltage options	230VAC / 115VAC / 24VAC / 24VDC
Enclosure protection rating	IP 65 (NEMA 4)
Connector type (power and alarm)	DIN 43650-B
Inlet connection	1/2" (BSP or NPT)
Inlet height	74 mm (2.95 in)
Side inlet adapter	Yes, optional
Outlet connection	1/4" (BSP), with brass hose barb adapter
Valve type	2/2 way, direct acting
Valve orifice	2 mm (0.08 in)
Valve seals	FPM
Serviceable valve	Yes
Integrated mesh strainer	Yes
Housing material	Corrosion resistant aluminium, EP coating
Test feature	Yes
Visual alarm *	Yes, LED (power) indication on the drain
Alarm feature type A1 (N/O)**	Normally open alarm output contact (potential free relay)
Alarm feature type A2 (N/C)***	Normally closed alarm output contact (potential free relay)

* Power LED on the drain starts flashing fast when in alarm mode.

** A1 = Normally open contacts, closed when in alarm phase.*** A2 = Normally closed contacts, open when in alarm phase.



KAPTIV-CS

Efficiently handles up to 100 m³/min at 16 bar without air loss.

Step into the future of compressed air systems with the KAPTIV-CS. Not only is it a budget-friendly solution, but its top-tier features also guarantee peak performance and durability. The integrated alarm feature and integrated mesh strainer further enhance its reliability.

Product benefits:



Highly efficient



True zero air-loss



Quick Return on investment



Smart Control Panel



KAPTIV-CS

Technical features

- **Zero air loss** during the condensate discharge
- **Alarm feature N/O or N/C** (potential free relay) incorporated as standard
- **Visual alarm** (LED) indication
- **Digital, LED illuminated** sight-port/level indicator
- **Successful draining** of all types of condensate due to large orifice
- **Easy installation** and visual display of operating status
- **Integrated mesh strainer** to protect the valve
- **Direct acting** valve assembly, ensuring reliable discharge operation
- **Robust corrosion resistant** aluminium housing
- **Easy and quick** to service
- **Drain heater** for cold weather applications optionally

Product specifications KAPTIV-CS

Max. compressor capacity	100 m³/min. (3500 CFM)
Max. drainage capacity A3/A4 version	665 litres condensate per hour at 16 bar (230 psi)
Min./max. system pressure	0 - 16 bar (up to 230 psi)
Min./max. medium temperature	1 - 50 °C (34 - 122 °F)
Min./max. ambient temperature	1 - 50 °C (34 - 122 °F)
Supply voltage options	230VAC / 115VAC / 24VAC / 24VDC
Enclosure protection rating	IP 65 (NEMA 4)
Connector type (power and alarm)	DIN 43650-B
Inlet connections	1/2" BSP or NPT, 3 inlet options
Inlet height	11 cm (top) and 7.5 & 1.5 cm (side) – 4.33 in (top) and 2.95 & 0.59 in (side)
Outlet connection	1/4" (BSP), with brass hose barb adapter
Valve type	2/2 way, direct acting
Valve orifice	4 mm (0.16 in)
Valve seals	FPM
Serviceable valve	Yes
Integrated mesh strainer	Yes
Housing material	Corrosion resistant aluminium, EP coating
Test feature	Yes
Visual alarm *	Yes, alarm LED indication on the drain
Alarm feature type A1 (N/O)**	Normally open alarm output contact (potential free relay)
Alarm feature type A2 (N/C)***	Normally closed alarm output contact (potential free relay)

* Alarm LED on the drain is OFF when in normal operation and continuous ON when in alarm mode.

** A1 = Normally open contacts, closed when in alarm phase. *** A2 = Normally closed contacts, open when in alarm phase.



KAPTIV-CS-HP

Efficiently handles up to 100 m³/min at 50 bar without air loss.

Introducing the KAPTIV-CS-HP, the epitome of modern compressed air system solutions. This compact electronic drain is not only budget-friendly but also boasts top-tier features that guarantee peak performance across all applications. With its universal design, you need just one model for any environment. Choose KAPTIV-CS-HP and experience the future of efficiency and reliability.

Product benefits:



High Capacity



True zero air-loss



Cost-effective



Easy Maintenance



KAPTIV-CS-HP

Technical features

- **Zero air loss** during the condensate discharge
- **Operating pressure** up to 50 bar
- **Alarm feature N/O or N/C** (potential free relay) standard incorporated
- **Visual alarm** (LED) indication
- **Easy installation** and visual display of operating status
- **Integrated protective** mesh strainer
- **Direct acting** valve assembly, ensuring reliable discharge operation
- **Robust corrosion** resistant aluminium housing, EP coating
- **Easy and quick** to service
- **500 bar version** available upon request

Product specifications KAPTIV-CS-HP

Max. compressor capacity	100 m³/min. (3500 CFM)
Max. drainage capacity	120 litres condensate per hour at 50 bar (725 psi)
Min./max. system pressure	0 - 50 bar (up to 725 psi)
Min./max. medium temperature	1 - 50 °C (34 - 122 °F)
Min./max. ambient temperature	1 - 50 °C (34 - 122 °F)
Supply voltage options	230VAC / 115VAC / 24VAC / 24VDC
Enclosure protection rating	IP 65 (NEMA 4)
Connector type (power and alarm)	DIN 43650-B
Inlet connections	1/2" BSP or NPT, 3 inlet options
Inlet height	11 cm (top) and 1.5 & 7.5 cm (side) – 4.33 in (top) and 0.59 & 2.95 in (side)
Outlet connection	1/4" BSP, with brass hose barb adapter
Valve type	2/2 way, direct acting
Valve orifice	1.8 mm (0.07 in)
Valve seals	FPM
Serviceable valve	Yes
Integrated mesh strainer	Yes
Housing material	Corrosion resistant aluminium, EP coating
Test feature	Yes
Visual alarm*	Yes, alarm LED indication on the drain
Alarm feature type A1 (N/O)**	Normally open alarm output contact (potential free relay)
Alarm feature type A2 (N/C)***	Normally closed alarm output contact (potential free relay)

** Alarm LED on the drain is OFF when in normal operation and continuous ON when in alarm mode.
 ** A1 = Normally open contacts, closed when in alarm phase. *** A2 = Normally closed contacts, open when in alarm phase.



NUFORS-CR

Removes condensate up to 100 m³/min without electricity.

Discover the next generation of condensate drains with the NUFORS-CR. This pneumatically operated, level-sensed solution guarantees top-notch performance even in the most challenging environments. Whether power is a luxury or a concern, NUFORS-CR has got you covered.

Product benefits:



Flexible solution



No operating costs



Environmentally friendly



Easy Maintenance



NUFORS-CR

Technical features

- **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 aluminium housing
- **Direct acting** valve construction for a reliable condensate discharge operation
- **Successful draining** of, even heavily contaminated, condensate due to large 6 mm valve orifice
- **Drain heater** for cold weather applications optionally

Product specifications NUFORS-CR

Max. compressor capacity	100 m³/min. (3500 CFM)
Max. drainage capacity	1062 litres condensate per hour at 16 bar (230 psi)
Min./max. system pressure	3 - 16 bar (44 - 230 psi)
Min./max. medium temperature	1 - 50 °C (34 - 122 °F)
Min./max. ambient temperature	1 - 50 °C (34 - 122 °F)
Enclosure protection rating	IP68 (NEMA 6)
Inlet connection	1/2" BSP or NPT, 3 inlet options
Inlet height	12 cm (top) and 9,7 cm & 1,5 cm (side) - 4.72 in (top) and 3.82 & 0.59 in (side)
Outlet connection	1/4" (BSP), with brass hose barb adapter
Valve type	Direct acting and piston
Valve orifice	6 mm (0.24 in)
Valve seals	FPM
Serviceable valve	Yes
Integrated mesh strainer	Yes
Housing material	Corrosion resistant aluminium, EP coating
Test feature	Yes

MAGY

Unique magnetic technology ensures no compressed air wastage.

Harnessing the power of specially selected magnets, this drain offers an eco-friendly solution without compromising on performance. Whether you're dealing with power constraints or simply seeking a more sustainable choice, the MAGY is your answer. Experience the blend of innovation and reliability.

Product benefits:



Flexible solution



No operating costs



Environmentally friendly



True zero air-loss



MAGY

Technical features

- **Zero air loss**, level sensed magnetic technology
- **Two inlet options**
- **Incredibly easy** to install and to service
- **Service kit** available
- **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
- **Robust corrosion** resistant aluminium housing
- **Anti-air-lock adapter** optionally available
- **Optionally available** without the test feature = button

Product specifications MAGY-TEST

Max. filter capacity	Unlimited
Max. drainage capacity	145 litres condensate per hour at 16 bar (230 psi)
Min./max. system pressure	0 - 16 bar (up to 230 psi)
Min./max. medium temperature	1 - 50 °C (34 - 122°F)
Min./max. ambient temperature	1 - 50 °C (34 - 122°F)
Environmental Protection	IP68 (NEMA6)
Inlet connection	1/2" BSP or NPT, 2 inlet options
Inlet height	10.3 cm (top) 9 cm (side) - 4.06 in (top) and 3.54 in (side)
Outlet connection	1/8" BSP, with brass hose barb adapter
Valve type	2/2 way direct acting
Valve orifice	2 mm (0.08 in)
Valve seal	FPM
Serviceable valve	Yes
Housing material	Corrosion resistant aluminium, EP coating
Test button	Optionally available w/o
Anti-air-lock adapter	Optionally available w/o
Test button = test feature	Optionally available w/o

MAGY-UL

Our ideal solution for filter bowl applications.

This magnetically operated wonder ensures seamless condensate discharge from all compressed air filters, blending innovation with reliability. With its user-friendly design, maintenance becomes a breeze, and there's no need to disconnect during servicing. JORC recommends making the switch to MAGY-UL for unmatched performance. Our magnet-based design ensures reliable valve opening and closing.

Product benefits:



Flexible solution



No operating costs



Environmentally friendly



True zero air-loss



MAGY-UL

Technical features

- **Zero air loss**, level sensed magnetic technology
- **Compact design** and light weight, less than 1 kg.
- **Incredibly easy** to install and to service
- **Service kit** available
- **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 standard integrated in the MAGY-UL design
- **Direct acting valve**, for a reliable discharge
- **Robust corrosion** resistant aluminium housing
- **Optionally available** with a test button = test feature
- **Can be installed extremely close** to the wall

Product specifications MAGY-UL

Max. filter capacity	Unlimited
Max. drainage capacity	145 litres condensate per hour at 16 bar (230 psi)
Min./max. system pressure	0 - 16 bar (up to 230 psi)
Min./max. medium temperature	1 - 50 °C (34 -122°F)
Min./max. ambient temperature	1 - 50 °C (34 -122°F)
Environmental Protection	IP68 (NEMA6)
Inlet height incl. anti-air-lock adapt.	13,7 cm (5.39 in)
Outlet connection	1/8" BSP, with brass hose barb adapter
Valve type	2/2 way direct acting
Valve orifice	2 mm (0.08 in)
Valve seal	FPM
Serviceable valve	Yes
Housing material	Corrosion resistant aluminium, EP coating
Test button	Optionally available
Anti-air-lock adapter	Standard integrated
Test button = test feature	Optionally available

Service Support

Great care is taken to ensure long lasting components are selected and applied in our products. JORC products are designed in a way that makes **servicing simple, quick and error free**. Servicing JORC products is a cost-effective way to recondition the products for many more years of draining service.



Service & Maintenance

Jorc is dedicated to supporting our partners on every stage of the journey. That's why we offer robust service and maintenance support by providing the needed know-how and performing repairs in our service center. Thanks to this, you can make your customers happy and keep their equipment in top shape throughout its lifecycle.



Genuine Components

Jorc offers genuine spare kits and parts than ensure **100% compliance with original equipment**. Utilizing genuine kits allows to extend the equipment lifetime and keep it running at optimum efficiency. The **service kits include all components that wear and tear in our products**, making the service work seamless. On top of that, we offer a wide range of genuine accessories including strainers, adapters, spare coils and much more.



Manuals & Certifications

Service manuals are available, offering useful information and guidelines during routine maintenance activities. **Contact us to receive concrete materials and support that will help you solve your specific issues in no time!**





In the grand scheme of things, it's often the smallest components that make the biggest difference. JORC Level Sensed Drains are a testament to this truth. Despite their modest appearance, their role in ensuring the efficiency, reliability, and compliance of your compressed air system is undeniable.

So, as you plan your next investment in a compressed air system, remember the silent workhorse that keeps it all running smoothly - the JORC Level Sensed Drains. It's not just a product; it's a partnership in excellence.



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