



JORC



Highly Efficient 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. We also offer private labeling options on all products to help you maintain your branding consistency.



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!





Condensate Drain Types

Timer Drains incorporate a timer and drain valve used to discharge condensate from compressed air systems. The timer can be adjusted to discharge the condensate at programmable intervals. The valve is also set how long it should remain open, depending on the specific needs of the compressed air system. With a lower initial investment, they offer a robust condensate management solution for systems that characterize with regular operation.

GO TO PRODUCTS

Level Sensing Drains use internal sensors to determine condensate levels and choose the exact moment to discharge it. Level sensing drains prove to be the more reliable choice providing maximum service life for the system and the drain valve. Level sensed drains typically offer superior performance and reliability in applications where levels of condensate fluctuate in compressed air systems due to ambient atmospheric conditions and variations in system load.

GO TO PRODUCTS





Product Selector

Start your selection and determine which drain best suits your application. Choose your application and then click on the buttons below to view the condensate drain options:

 Condensate drain installation option for High Pressure Applications.





TIMER DRAINS

FLUIDRAIN

Cost-efficient Solution for any size.

The FLUIDRAIN timer controlled condensate drain is a combination of a solenoid valve and an electronic timer designed to automatically remove condensate from compressors, compressed air dryers and receivers - up to any size, type or capacity. The FLUIDRAIN offers installation simplicity and it is recognised as one of the most reliable and best performing condensate drain worldwide. The large orifice in the direct acting valve, combined with its sophisticated timer module ensure many years of trouble-free draining of condensate providing minimum service work is carried out.

Product benefits:



Low Maintenance Needs



Cost-effective



Easy Integration



Request
a Quote

FLUIDRAIN

Technical features

- **Large (4.5 mm) valve orifice**
- **Also available in stainless steel** and high pressure
- **Serviceable valve construction**, offering you routine maintenance revenues
- **Environmental low Watt** version available
- **High quality PCB components**, offering you consistent quality
- **Any type of compressed air system** and up to any compressor capacity
- **Does not air-lock** during operation
- **Quick** to service
- **TEST** (micro-switch) feature
- **Accurate** time cycles
- **Voltage range** 12 - 380VAC/DC

Product specifications FLUIDRAIN

Max. compressor capacity	Any size
Pressure range	0 - 16 bar (higher pressure available, see FLUIDRAIN-HP-S)
Supply voltage options	12 - 380 VAC/DC 50/60Hz. (plesse indicate)
Medium temperature	1 - 55 °C
Ambient temperature	1 - 55 °C
Timer cycle range (On/OFF)	0.5 - 10 seconds / 0.5 - 45 minutes
Timer PCB	SMD technology, ensuring consistency in production
Timer cycle indication	Bright LED illumination
TEST feature	Yes
Valve type	2/2 way, direct acting
Valve orifice	4,5 mm
Valve seals	FPM
Inlet/outlet connections	1/8", 1/4: 3/8" or 1/2" BSP Or NPT
Inlet connection height	1 cm
Serviceable material	Yes
Valve housing material	Brass (Stainless steel available)
Power connection	DIN 43650-A
Environmental protection	IP65 (NEMA4)

FLUIDRAIN-COMBO

Features extended installation flexibility thanks to dual-thread inlet design.

The FLUIDRAIN-COMBO timer controlled condensate drain is a combination of a solenoid valve and an electronic timer designed to automatically remove condensate from compressors, compressed air dryers and receivers - **up to 16 bar applications**. The FLUIDRAIN-COMBO saves installation time and protects against large particles found in condensate, thanks to the integrated ball valve and strainer. The unit can be shut off from the compressed air system, enabling easy and safe work to be carried out.

Product benefits:



Easy Maintenance



Cost-effective



Flexible & Easy Integration



FLUIDRAIN-COMBO

Technical features

- **Installation time saver** thanks to the integrated shut off valve and mesh strainer
- **Integrated mesh strainer**, offering valve and orifice protection from larger particles found in condensate
- **Dual thread inlet (1/2" & 1/4")**, offering installation flexibility
- **Consult JORC** for private labelling options
- **Any type of compressed** air system and up to 16 bar
- **Serviceable valve construction**, offering you routine maintenance revenues
- **Integrated shut off valve**, offering easy shut off of the valve for routine maintenance
- **Does not air-lock** during operation
- **TEST** (micro-switch) feature

Product specifications FLUIDRAIN-COMBO

Max. compressor capacity	Any size
Pressure range	0 - 16 bar
Supply voltage options	12 - 380 VAC/DC 50/60Hz. (plesse indicate)
Medium temperature	1 - 55 °C
Ambient temperature	1 - 55 °C
Timer cycle range (On/OFF)	0.5 - 10 seconds / 0.5 - 45 minutes
Timer PCB	SMD technology, ensuring consistency in production
Timer cycle indication	Bright LED illumination
TEST feature	Yes
Valve type	2/2 way, direct acting
Valve orifice	4 mm
Valve seals	FPM
Inlet/outlet connections	1/4" & 1/2" / 1/2" BSP or NPT
Inlet connection height	1 cm
Serviceable material	Yes
Valve housing material	Brass
Power connection	DIN 43650-A
Environmental protection	IP65 (NEMA4)



TIMER DRAINS

FLUIDRAIN-HP-S

Designed to handle high pressure applications up to 500 bar.

The FLUIDRAIN-HP is designed to remove condensate from high pressure compressed air systems and systems that require stainless steel valves (i.e. food industry, etc.) - up to 500 bar. The FLUIDRAIN-HP offers true installation simplicity and trouble-free condensate draining on systems up to 500 bar, depending on the valve orifice, valve material and seal selection. It is recognized as the most reliable and best-performing condensate drain worldwide.

Product benefits:



High Pressure



Special Applications



Flexible & Easy Integration



FLUIDRAIN-HP-S

Technical features

- **Suitable for all types** of compressed air systems up to 500 bar
- **Special valve constructions & seals** available for special applications
- **Stainless steel valve options**, offering you solutions in niche markets
- **Serviceable valve construction**, offering you routine maintenance revenues
- **Consult JORC** for private labelling options
- **Brass & stainless steel** valve constructions depending on pressure
- **FPM, Peek, PU, NBR** and several other seals are available
- **Does not** air-lock during operation
- **Quick** to service
- **TEST** (micro-switch) feature

Product specifications FLUIDRAIN-HP-S

Max. compressor capacity	Any size
Pressure range	0 - 500 bar (depending on FLUIDRAIN model)
Supply voltage options	12 - 380 VAC/DC 50/60Hz. (please indicate)
Medium temperature	1 - 55 °C
Ambient temperature	1 - 55 °C
Timer cycle range (On/OFF)	0.5 - 10 seconds / 0.5 - 45 minutes
Timer PCB	SMD technology, ensuring consistency in production
Timer cycle indication	Bright LED illumination
TEST feature	Yes
Valve type	2/2 way, direct acting
Valve orifice	Depending on pressure
Valve seals	FPM, Peek, PU, PTFE, NBR (depending on pressure)
Inlet/outlet connections	1/4" BSP or NPT
Inlet connection height	1 cm
Serviceable material	Yes
Valve housing material	Brass and Stainless steel valve constructions, depending on pressure
Power connection	DIN 43650-A
Environmental protection	IP65 (NEMA4)



COMBO-D-LUX

Features extended installation flexibility thanks to dual-thread inlet design.

The COMBO-D-LUX timer controlled condensate drain is a combination of a solenoid valve and an premium digital timer designed to automatically remove condensate from compressors, compressed air dryers and receivers - **up to 16 bar applications**. The COMBO-D-LUX saves installation time and protects against large particles found in condensate, thanks to the integrated ball valve and strainer. The unit can be shut off from the compressed air system, enabling easy and safe work to be carried out.

Product benefits:



Flexible solution



Easy Maintenance



Exceptionally accurate cycle timing



COMBO-D-LUX

Technical features

- **Any type of compressed** air system and up to 16 bar
- **Integrated mesh strainer**, offering valve and orifice protection from larger particles found in condensate
- **Bright digital illuminated display**, offering you a visual indication of current operating cycle
- **Consult JORC** for private labelling options
- **Installation time saver** thanks to the integrated shut off valve and mesh strainer
- **Dual thread inlet** (1/2" & 1/4"), offering installation flexibility
- **Serviceable valve construction**, offering you routine maintenance revenues
- **Integrated shut off valve**, offering easy shut off of the valve for routine maintenance
- **Does not** air-lock during operation
- **TEST** (micro-switch) feature

Product specifications COMBO-D-LUX

Max. compressor capacity	Any size
Pressure range	0 - 16 bar (higher pressures available, see page 17)
Min./max. medium temperature	1 - 55 °C
Min./max. ambient temperature	1 - 55 °C
Supply voltage options	12 – 230 VAC/DC 50/60 Hz.
Environmental protection:	IP65 (NEMA4)
Connector type (power)	DIN 43650-A
Inlet/outlet connections:	1/4" & 1/2" / 1/2" (BSP or NPT)
Inlet connection height	Approx. 1 cm
Valve type	2/2 way, direct acting
Valve orifice	4.0 mm
Valve seals	FPM
Serviceable valve	Yes
Valve housing material	Brass
TEST feature	Yes
Timer cycle range (ON/OFF)	0.01 second to 99 hours (both ON and OFF)
Timer PCB	SMD technology, ensuring consistency in production
Time cycle indication	Bright LED illumination



EZ-1

Cost-efficient Solution for any size

The EZ-1 timer controlled condensate drain is a combination of a solenoid valve and an electronic timer designed to automatically remove condensate from compressors, compressed air dryers and receivers - up to any size, type or capacity. The EZ-1 offers installation simplicity and it is recognised as one of the most reliable and best performing condensate drain worldwide. The large orifice in the direct acting valve, combined with its sophisticated timer module ensure many years of trouble-free draining of condensate providing minimum service work is carried out.

Product benefits:



Low Maintenance Needs



Cost-effective



Easy Integration



EZ-1

Technical features

- **High quality PCB** components, offering you consistent quality
- **Also available in stainless steel** and high pressure
- **Any type of compressed air system** and up to any compressor capacity
- **Voltage range** 12 – 380VAC/DC
- **Environmental low Watt** version available
- **Serviceable valve** construction, offering you routine maintenance revenues
- **Large (4.0 mm) valve orifice**
- **Does not air-lock** during operation
- **Quick** to service
- **TEST** (micro-switch) feature
- **Accurate** time cycles

Product specifications EZ-1

Max. compressor capacity	Any size
Pressure range	0 - 16 bar (higher pressure available, see FLUIDRAIN-HP-S)
Supply voltage options	24 – 230VAC/DC 50/60 Hz.
Medium temperature	1 - 55 °C
Ambient temperature	1 - 55 °C
Timer cycle range (On/OFF)	0.5 - 10 seconds / 0.5 - 45 minutes
Timer PCB	SMD technology, ensuring consistency in production
Timer cycle indication	Bright LED illumination
TEST feature	Yes
Valve type	2/2 way, direct acting
Valve orifice	4.0 mm
Valve seals	FPM
Inlet/outlet connections	1/4", 3/8" or 1/2" BSP or NPT
Inlet connection height	1 cm
Serviceable valve	Yes
Valve housing material	Brass
Power connection	DIN 43650-A
Environmental protection	IP65 (NEMA4)

TEC-11

The most versatile drain solution for air filters and dental compressors.

The TEC-11 timer controlled condensate drain is a combination of a solenoid valve and an electronic timer designed to automatically remove condensate from compressed air filters and small dental (oil free type) compressors. The clever in-line design allows for perfect installation under all types of compressed air filters and dental compressors, regardless of their capacity or size.

Product benefits:



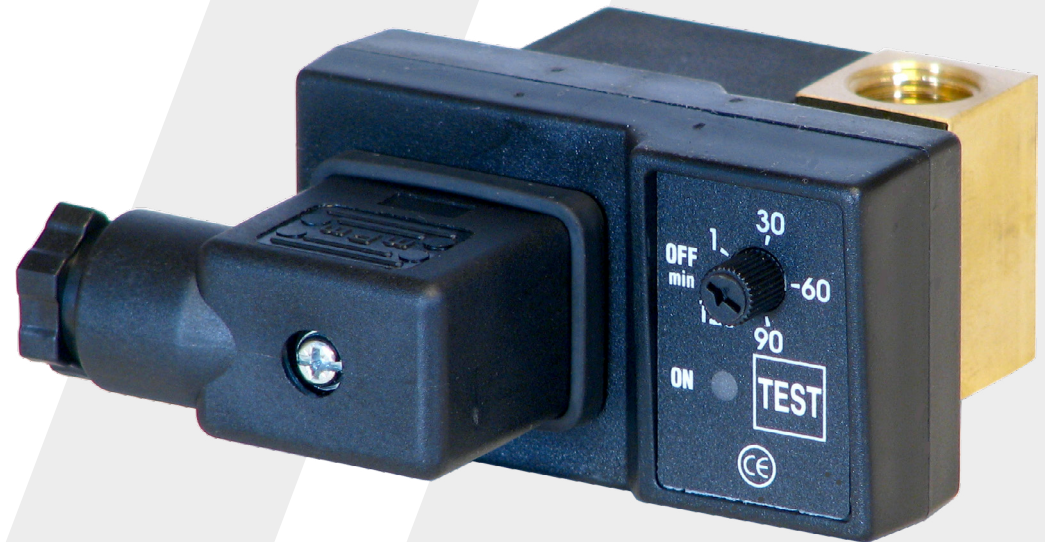
Versatile



Compact



Exceptionally accurate cycle timing



TEC-11

Technical features

- **Small and compact**, offering easy installation on small dental compressors.
- **Suitable for** Compressed air filters up to 16 bar.
- **Serviceable valve construction**, offering you routine maintenance revenues.
- **Fixed ON cycle** and an adjustable OFF cycle.
- **Medium pressure up to 16 bar** (optionally up to 21 bar).
- **Does not** air-lock during operation.
- **Clever** in-line design.
- **TEST** (micro-switch) feature.
- **Connection sizes** 1/8" & 1/4" NPT).
- **Incredibly** compact design.
- **In-line design**, offering easy mounting under filters.

Product specifications TEC-11

Max. compressor capacity	Any size
Pressure range	0 - 16 bar (higher pressure available, see FLUIDRAIN-HP-S)
Supply voltage options	12 - 380 VAC/DC 50/60Hz. (please indicate)
Medium temperature	1 - 55 °C
Ambient temperature	1 - 55 °C
Timer cycle range (On/OFF)	2 seconds, fixed / 1.2 - 120 minutes, adjustable 0.3 seconds fixed (ON) optionally available
Timer PCB	SMD technology, ensuring consistency in production
Timer cycle indication	Bright LED illumination
TEST feature	Yes
Valve type	2/2 way, direct acting
Valve orifice	2 mm
Valve seals	FPM
Inlet/outlet connections	1/8" or 1/4" (BSP or NPT)
Inlet connection height	1 cm
Serviceable valve	Yes
Valve housing material	Brass
Power connection	DIN 43650-B/ISO 6952
Environmental protection	IP65 (NEMA4)



TEC-44

A powerful workhorse for applications with a high level of condensate contamination.

The TEC-44 is a powerful timer drain controlled by a motorised ball valve, designed to remove condensate from deliquescent dryers, tanks, vessels and refrigerated dryers. The TEC-44 is designed to remove heavy contaminated condensate up to pressure ratings of 40 bar. This condensate drain cannot be blocked and is applied where all else fails. Draining applications with a high level of contamination (rust, scale etc.) require the TEC-44. The TEC-44 is impossible to block due to its powerful ball valve rotation and large orifice.

Product benefits:



Heavy duty



Fail-Safe



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)



LEVEL SENSING DRAINS

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.





LEVEL SENSING DRAINS

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.





LEVEL SENSING DRAINS

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.





LEVEL SENSING DRAINS

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



Request
a Quote

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



LEVEL SENSING DRAINS

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



Request
a Quote

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



LEVEL SENSING DRAINS



Request
a Quote

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.



JORC

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