SCB

CONDENSATE DRAIN® TECHNOLOGIES

A complete range of condensate drains

SCB

SCB represents **technical ability** and an attentive look at the market allows the company to guarantee a **constant growth.**

Content

LOGIDRAIN 100

«ZERO-LOSS» drain system.
No wastage of compressed air.

Compact design,
minimal space required.

Optimal price-
performance ratio.

Adjustable to different power
supply voltages.

Integrated filter
to collect contaminations.
Easy to clean and maintain.
FKM (fluoroelastomer)
diaphragm.

Electronic condensate drains

LogiDrain 100 is an innovative system of automatic condensate drainage, designed to apply on compressors, aftercoolers, dryers and filters.

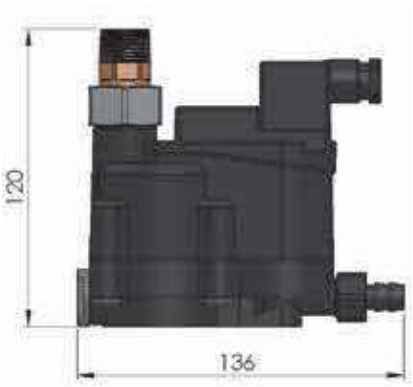
LogiDrain 100 integrates all the solutions suited to guarantee the drainage operation without clogging or waste of compressed air by using a highly reliable level sensor, a large orifice with a servo controlled fluoroelastomeric diaphragm and an integrated stainless steel filter to hold impurities. Easy to clean and maintain.

LogiDrain 100 is extremely easy to install, even in very small spaces thanks to its compact size and user-friendly “Easy Lock” connection system. It is possible to realize various connection systems to fit the product at each specific application: in this way you can optimize the installation and at the same time minimize handling costs.

LD100

LD100	230 V	115 V	115 V UL
Power supply (±10%)	230 V (50/60 Hz)	115 V (50/60 Hz)	115 V (50/60 Hz)
Power consumption (during drainage)	10 VA		
Operating pressure	0,2-16 bar		
Operating temperature	+1/+60 °C		
Protection class	IP65 (with connector and correctly assembled gasket)		
Electrical connection	EN 175301-803 Type B (ex DIN 43650) (Supplied)		
Nominal flow rate (m^3/min) (1)	3		
Nominal discharge (lt/h)	2		
Maximum discharge (lt/h)	5		
Maximum compressor capacity (m^3/min)	3		
Maximum dryer capacity (m^3/min)	6		
Maximum filter capacity (m^3/min)	30		
Inlet connection	1 x R1/2"M (ISO7)		1 x R1/2"M NPT
Outlet connection (with flow limiter)	1 x ø12		
Weight (kg)	0,4		
Receiver volume (l)	0,06		
Certificates	CE + UKCA		CE + UL + UKCA
Code	15-152	15-151	15-155

(1) = Data refer to 1000 mbar(a), 20° C and 60% relative humidity. Operating pressure 7 bar and outlet temperature of the aftercooler 35° C.



LOGIDRAIN

«ZERO-LOSS» drain system.

No wastage of compressed air.

«revolving Easy-lock» connection, adjustable for vertical and/or horizontal connections.

Integrated filter to collect contaminated condensate.

Easy to clean and maintain.

FKM (fluoroelastomer) diaphragm.

Remote alarm connection.

Available in different supply voltages.

Hard coated receiver resistant to more aggressive condensates.

Electronic condensate drain with digital level control

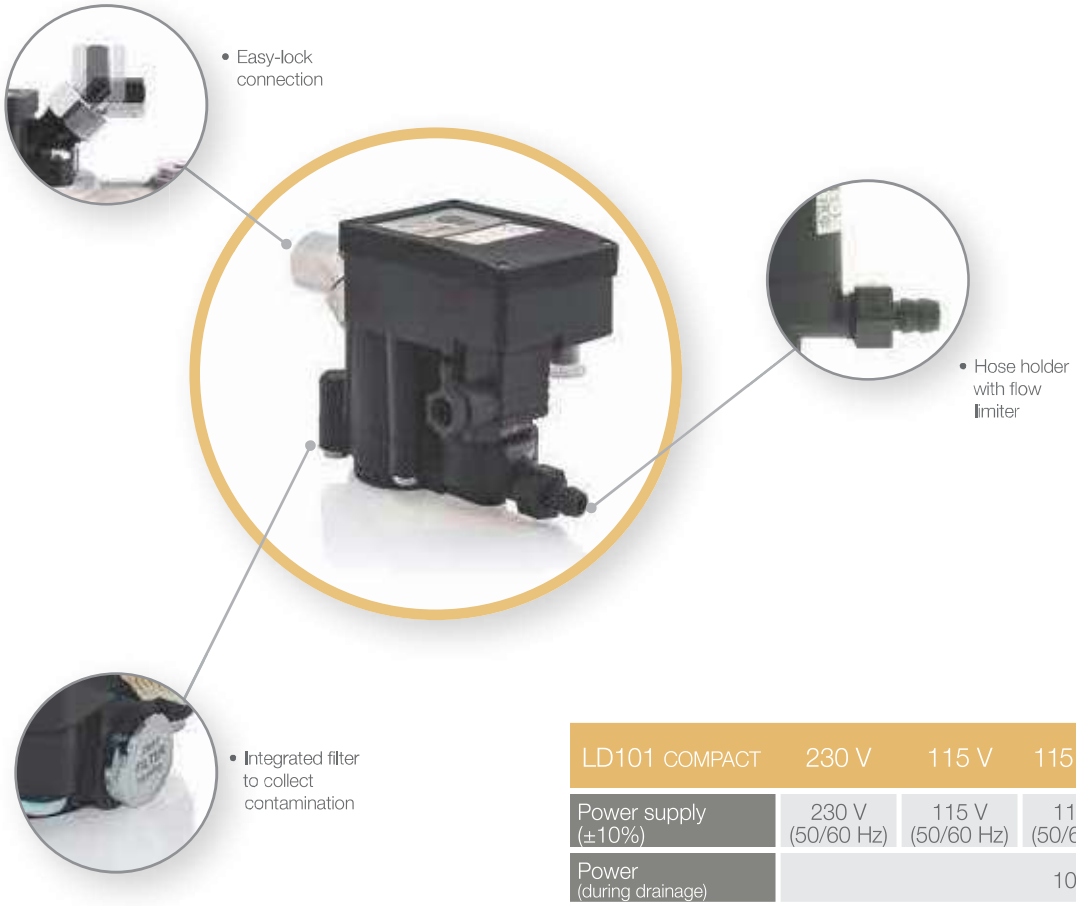
The new series of **LogiDrain** level drains has been designed to solve the problem of condensation water drainage from production plants and compressed air distribution systems. The specific technology applied permits a controlled drainage of condensation water without any compressed air leaks.

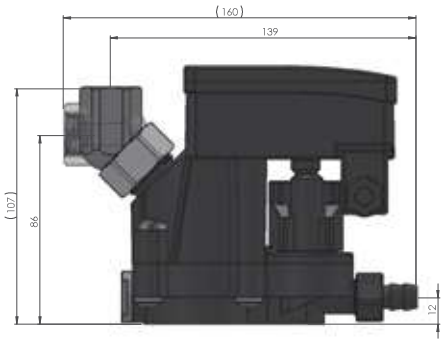
LogiDrain is equipped with an integrated storage receiver inside which a level sensor has been mounted and is controlled by an intelligent electronic circuit. All drain functions are displayed on a control panel. A test button is available on the control panel for manual drainage.

LogiDrain starts working as soon as a sensor detects water at max. level and controls the opening of the solenoid valve in order to take the water level back down to a minimum value, leaving a small residual quantity to prevent the system from discharging compressed air. In case of trouble, the control circuit unlocks the drain pipes by carrying out a series of forced opening/closing cycles of the solenoid valve. If this is not enough, the problem is reported outside by an alarm with potential-free contact that can be used to draw the attention of maintenance staff in order to instruct the plant control logic.

LogiDrain is available in several models with different flow rates. All versions are suitable for working with any type of condensation water even the most aggressive one or water containing a high percentage of oil. A built-in cup of filter, that is easy to clean, prevents the solenoid valve from clogging.

LD101 COMPACT

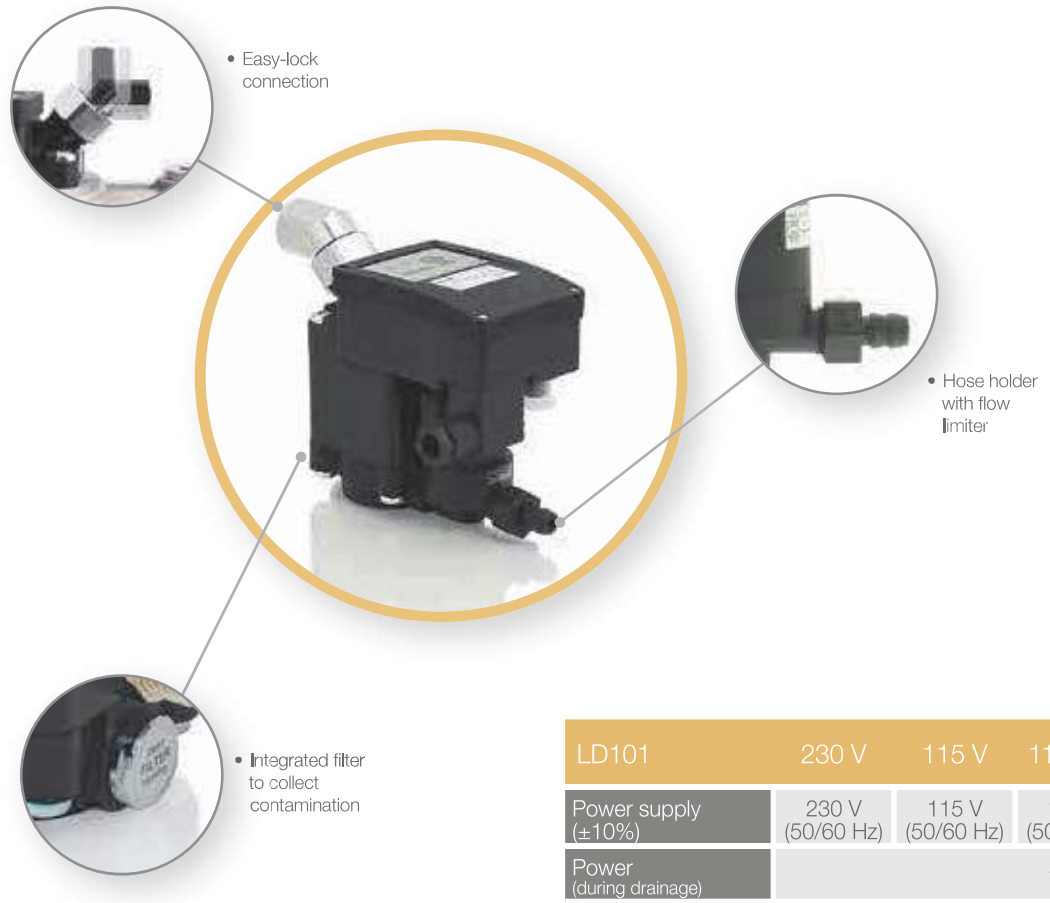


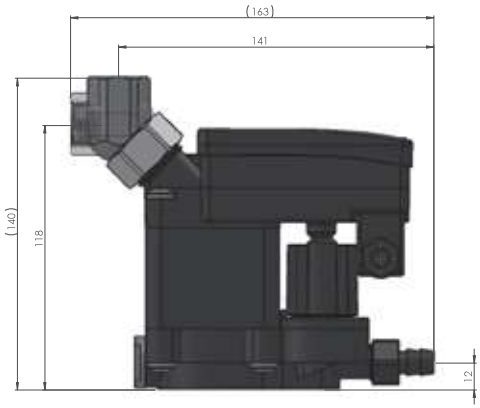


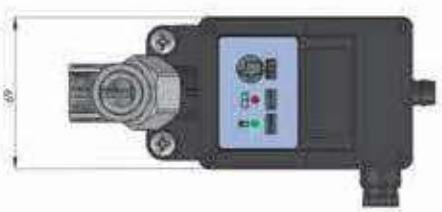
LD101 COMPACT	230 V	115 V	115 V UL	24 V	24 Vdc
Power supply (±10%)	230 V (50/60 Hz)	115 V (50/60 Hz)	115 V (50/60 Hz)	24 V (50/60 Hz)	24 V dc
Power (during drainage)	10 VA				
Alarm contact	Contact NC/NO: 240V Ac max - 1A / 30V Dc max - 1A				
Working pressure	0,2-16 bar				
Working temperature	+1/+60 °C				
Protection class	IP65 (with connector and correctly assembled gasket)				
Electric connection	EN 175301-803 Type B (ex DIN 43650) (Supplied)				
Alarm connection	M12 Code A 4 Poles (Not supplied)				
Nominal flow (m^3/min) (1)	6,3				
Nominal drain (lt/h)	3,3				
Maximum drain (lt/h)	10				
Maximum compressor capacity (m^3/min)	6,3				
Maximum dryer capacity (m^3/min)	12,6				
Maximum filter capacity (m^3/min)	63				
Inlet	1 x G1/2"F		1 x R1/2" NPT	1 x G1/2"F	
Outlet (with flow limiter)	1 x ø12				
Weight (kg)	0,5				
Receiver volume (l)	0,08				
Certificates	CE + UKCA		CE + UL + UKCA	CE + UKCA	
Code	15-232	15-231	15-235	15-233	15-234

(1) = Data refer to 1000 mbar(a), 20° C and 60% relative humidity. Operating pressure 7 bar and outlet temperature of the aftercooler 35° C.

LD101



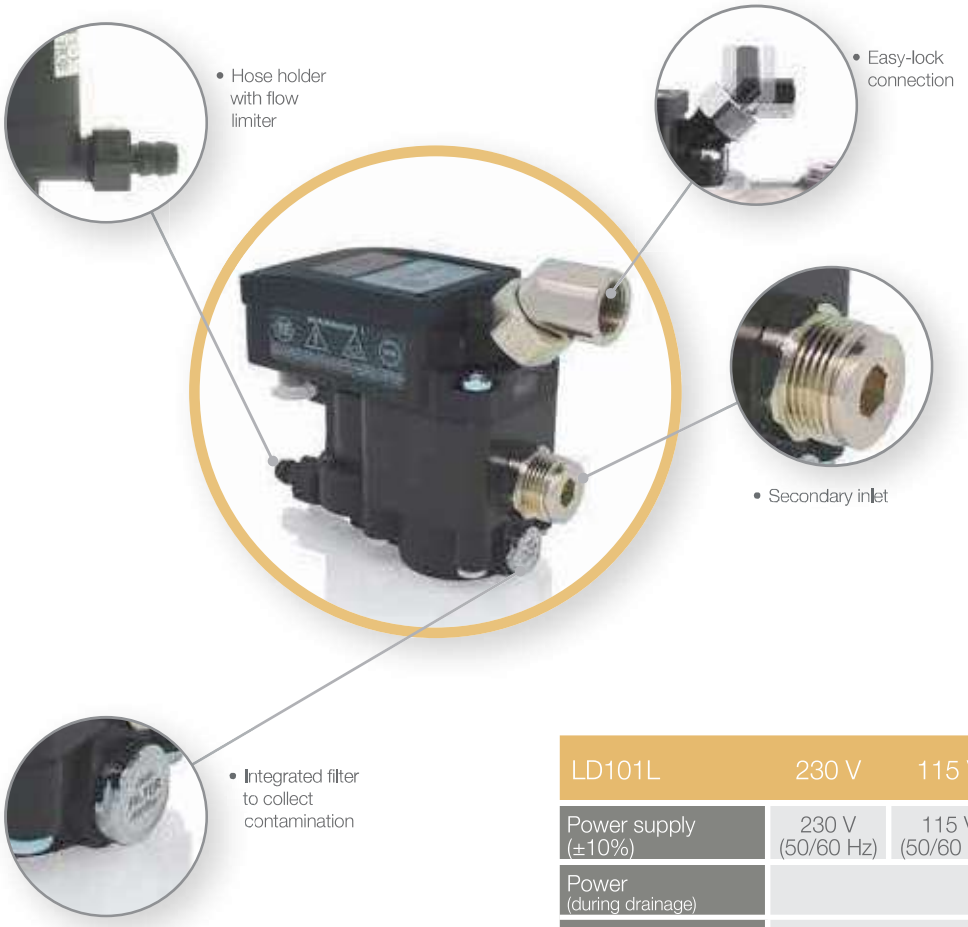


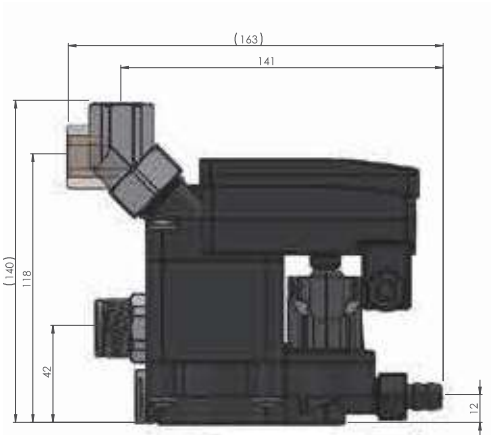


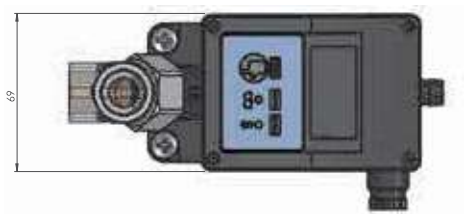
LD101	230 V	115 V	115 V UL	24 V	24 Vdc
Power supply (±10%)	230 V (50/60 Hz)	115 V (50/60 Hz)	115 V (50/60 Hz)	24 V (50/60 Hz)	24 V dc
Power (during drainage)	10 VA				
Alarm contact	Contact NC/NO: 240V Ac max - 1A / 30V Dc max - 1A				
Working pressure	0,2-16 bar				
Working temperature	+1/+60 °C				
Protection class	IP65 (with connector and correctly assembled gasket)				
Electric connection	EN 175301-803 Type B (ex DIN 43650) (Supplied)				
Alarm connection	M12 Code A 4 Poles (Not supplied)				
Nominal flow (m^3/min) (1)	7,5				
Nominal drain (lt/h)	5				
Maximum drain (lt/h)	15				
Maximum compressor capacity (m^3/min)	7,5				
Maximum dryer capacity (m^3/min)	15				
Maximum filter capacity (m^3/min)	75				
Inlet	1 x G1/2"F		1 x R1/2"F NPT	1 x G1/2"F	
Outlet (with flow limiter)	1 x ø12				
Weight (kg)	0,6				
Receiver volume (l)	0,09				
Certificates	CE + UKCA		CE + UL + UKCA	CE + UKCA	
Code	15-252	15-251	15-255	15-253	15-254

(1) = Data refer to 1000 mbar(a), 20° C and 60% relative humidity. Operating pressure 7 bar and outlet temperature of the aftercooler 35° C.

LD101L



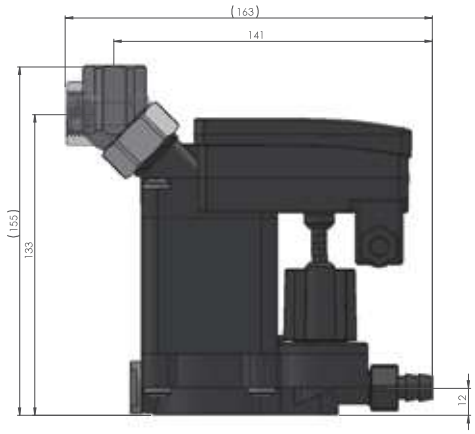




LD101L	230 V	115 V	115 V UL	24 V	24 Vdc
Power supply (±10%)	230 V (50/60 Hz)	115 V (50/60 Hz)	115 V (50/60 Hz)	24 V (50/60 Hz)	24 V dc
Power (during drainage)	10 VA				
Alarm contact	Contact NC/NO: 240V Ac max - 1A / 30V Dc max - 1A				
Working pressure	0,2-16 bar				
Working temperature	+1/+60 °C				
Protection class	IP65 (with connector and correctly assembled gasket)				
Electric connection	EN 175301-803 Type B (ex DIN 43650) (Supplied)				
Alarm connection	M12 Code A 4 Poles (Not supplied)				
Nominal flow (m^3/min) (1)	7,5				
Nominal drain (lt/h)	5				
Maximum drain (lt/h)	15				
Maximum compressor capacity (m^3/min)	7,5				
Maximum dryer capacity (m^3/min)	15				
Maximum filter capacity (m^3/min)	75				
Inlet	1 x G1/2"F + 1 x G3/4"M - G1/2"F (2)		2 x R1/2"F NPT	1 x G1/2"F + 1 x G3/4"M - G1/2"F (2)	
Outlet (with flow limiter)	1 x ø12				
Weight (kg)	0,6				
Receiver volume (l)	0,09				
Certificates	CE + UKCA		CE + UL + UKCA	CE + UKCA	
Code	15-272	15-271	15-275	15-273	15-274

(1) = Data refer to 1000 mbar(a), 20° C and 60% relative humidity. Operating pressure 7 bar and outlet temperature of the aftercooler 35° C.
(2) = For NPT version, minimum purchase lots are required. Get in touch with the Customer Service.

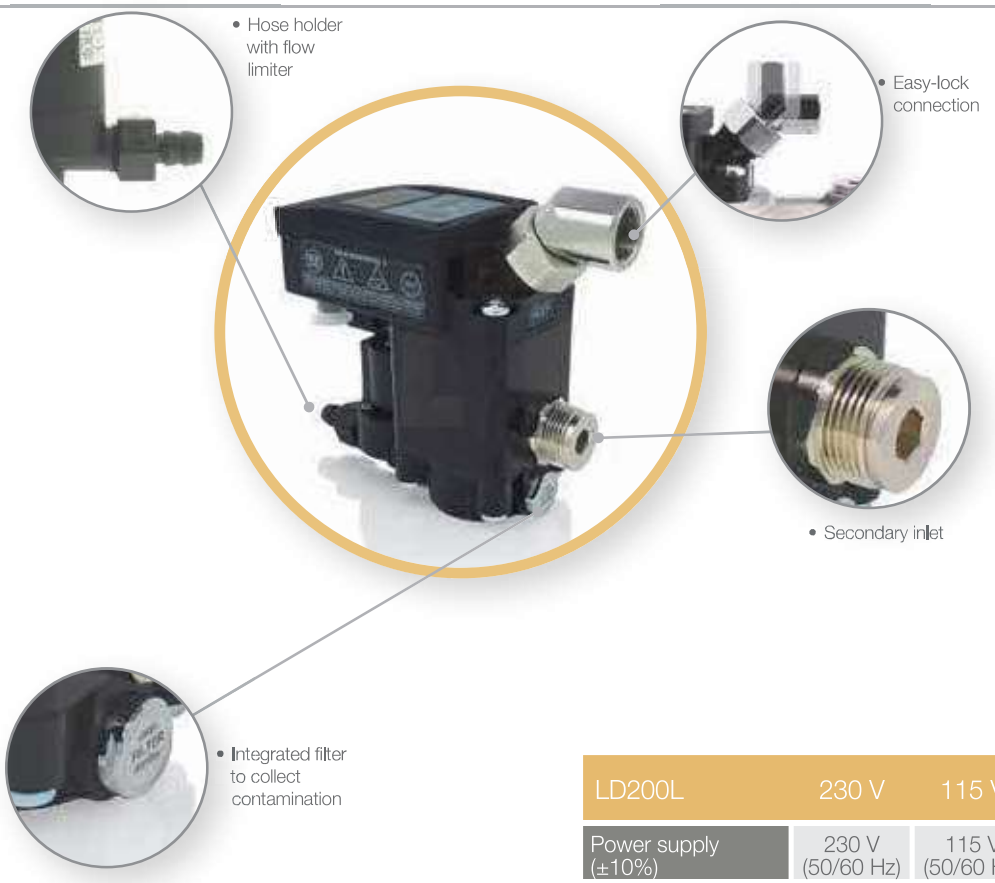
LD200

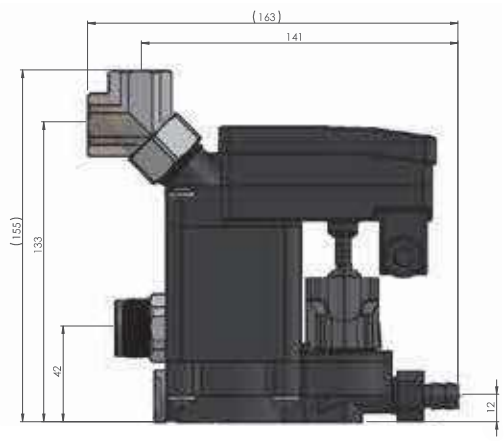


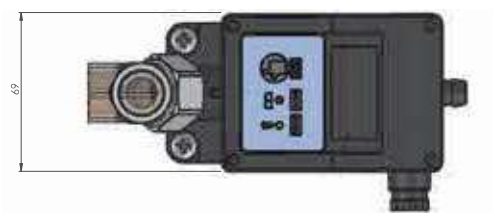
LD200	230 V	115 V	115 V UL	24 V	24 Vdc
Power supply (±10%)	230 V (50/60 Hz)	115 V (50/60 Hz)	115 V (50/60 Hz)	24 V (50/60 Hz)	24 V dc
Power (during drainage)	10 VA				
Alarm contact	Contact NC/NO: 240V Ac max - 1A / 30V Dc max - 1A				
Working pressure	0,2-16 bar				
Working temperature	+1/+60 °C				
Protection class	IP65 (with connector and correctly assembled gasket)				
Electric connection	EN 175301-803 Type B (ex DIN 43650) (Supplied)				
Alarm connection	M12 Code A 4 Poles (Not supplied)				
Nominal flow (m^3/min) (1)	15				
Nominal drain (lt/h)	10				
Maximum drain (lt/h)	20				
Maximum compressor capacity (m^3/min)	15				
Maximum dryer capacity (m^3/min)	30				
Maximum filter capacity (m^3/min)	150				
Inlet	1 x G1/2"F		1 x R1/2"F NPT	1 x G1/2"F	
Outlet (with flow limiter)	1 x ø12				
Weight (kg)	0,7				
Receiver volume (l)	0,11				
Certificates	CE + UKCA		CE + UL + UKCA	CE + UKCA	
Code	15-352	15-351	15-355	15-353	15-354

(1) = Data refer to 1000 mbar(a), 20° C and 60% relative humidity. Operating pressure 7 bar and outlet temperature of the aftercooler 35° C.

LD200L



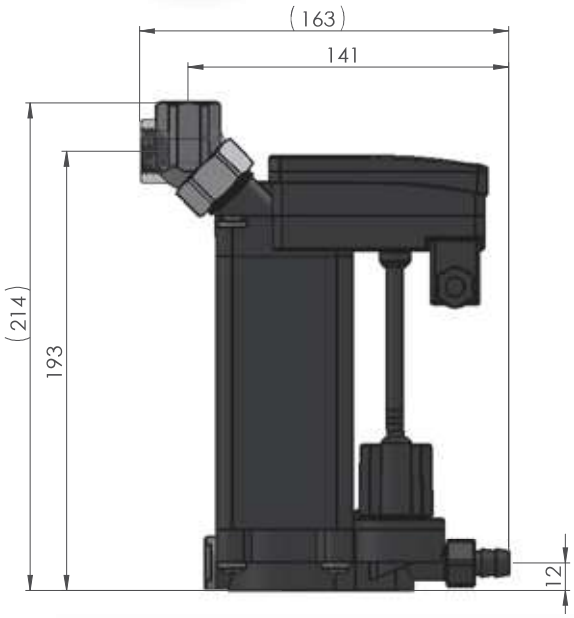




LD200L	230 V	115 V	115 V UL	24 V	24 Vdc
Power supply (±10%)	230 V (50/60 Hz)	115 V (50/60 Hz)	115 V (50/60 Hz)	24 V (50/60 Hz)	24 V dc
Power (during drainage)	10 VA				
Alarm contact	Contact NC/NO: 240V Ac max - 1A / 30V Dc max - 1A				
Working pressure	0,2-16 bar				
Working temperature	+1/+60 °C				
Protection class	IP65 (with connector and correctly assembled gasket)				
Electric connection	EN 175301-803 Type B (ex DIN 43650) (Supplied)				
Alarm connection	M12 Code A 4 Poles (Not supplied)				
Nominal flow (m^3/min) (1)	15				
Nominal drain (lt/h)	10				
Maximum drain (lt/h)	20				
Maximum compressor capacity (m^3/min)	15				
Maximum dryer capacity (m^3/min)	30				
Maximum filter capacity (m^3/min)	150				
Inlet	1 x G1/2"F + 1 x G3/4"M - G1/2"F (2)		2 x R1/2"F NPT	1 x G1/2"F + 1 x G3/4"M - G1/2"F (2)	
Outlet (with flow limiter)	1 x ø12				
Weight (kg)	0,7				
Receiver volume (l)	0,11				
Certificates	CE + UKCA		CE + UL+ UKCA	CE + UKCA	
Code	15-372	15-371	15-375	15-373	15-374

(1) = Data refer to 1000 mbar(a), 20° C and 60% relative humidity. Operating pressure 7 bar and outlet temperature of the aftercooler 35° C.
(2) = For NPT version, minimum purchase lots are required. Get in touch with the Customer Service.

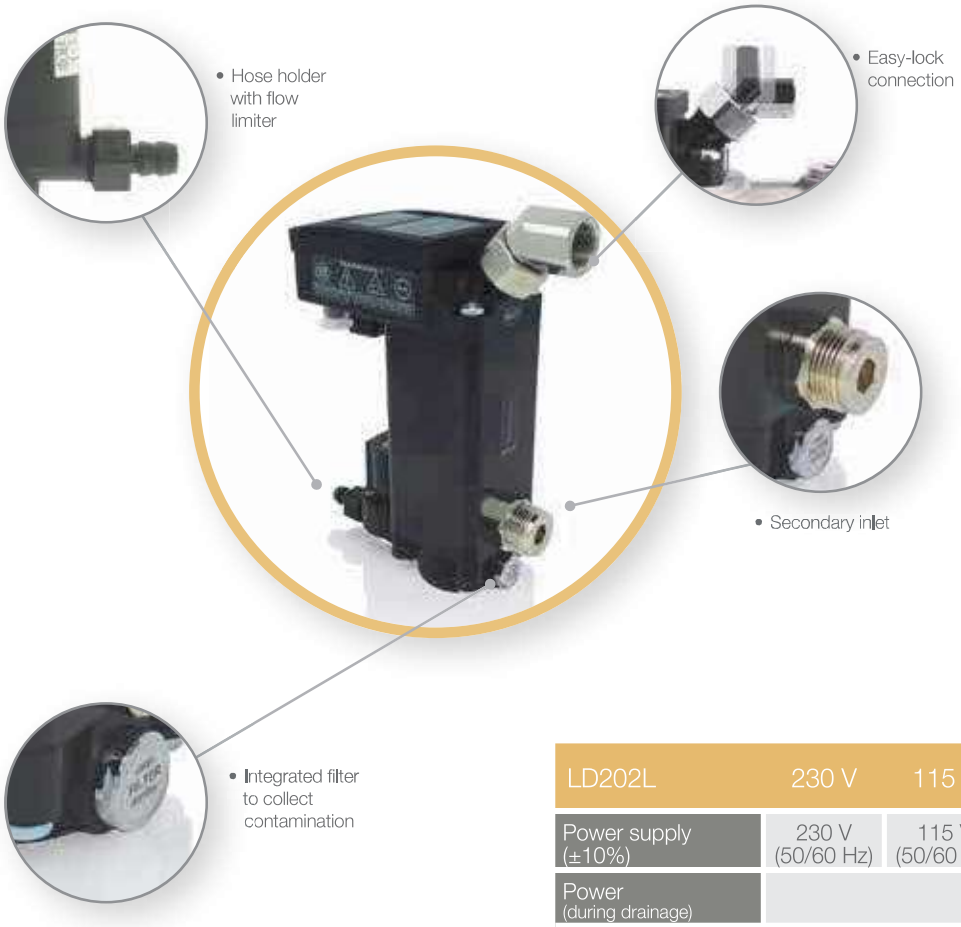
LD202

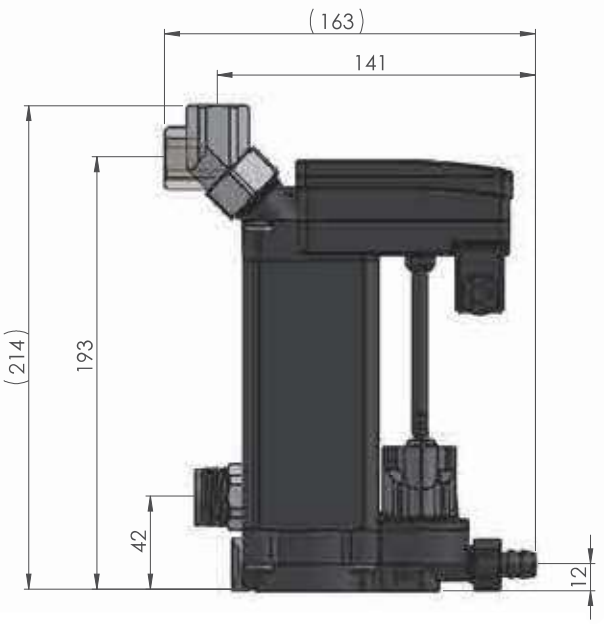


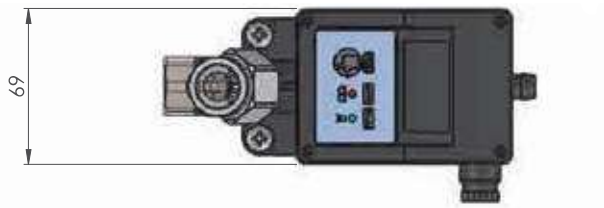
LD202	230 V	115 V	115 V UL	24 V	24 Vdc
Power supply (±10%)	230 V (50/60 Hz)	115 V (50/60 Hz)	115 V (50/60 Hz)	24 V (50/60 Hz)	24 V dc
Power (during drainage)	10 VA				
Alarm contact	Contact NC/NO: 240V Ac max - 1A / 30V Dc max - 1A				
Working pressure	0,2-16 bar				
Working temperature	+1/+60 °C				
Protection class	IP65 (with connector and correctly assembled gasket)				
Electric connection	EN 175301-803 Type B (ex DIN 43650) (Supplied)				
Alarm connection	M12 Code A 4 Poles (Not supplied)				
Nominal flow (m^3/min) (1)	30				
Nominal drain (lt/h)	20				
Maximum drain (lt/h)	35				
Maximum compressor capacity (m^3/min)	30				
Maximum dryer capacity (m^3/min)	60				
Maximum filter capacity (m^3/min)	300				
Inlet	1 x G1/2"F		1 x R1/2"F NPT	1 x G1/2"F	
Outlet (with flow limiter)	1 x ø12				
Weight (kg)	1,2				
Receiver volume (l)	0,22				
Certificates	CE + UKCA		CE + UL + UKCA	CE + UKCA	
Code	15-452	15-451	15-455	15-453	15-454

(1) = Data refer to 1000 mbar(a), 20° C and 60% relative humidity. Operating pressure 7 bar and outlet temperature of the aftercooler 35° C.

LD202L



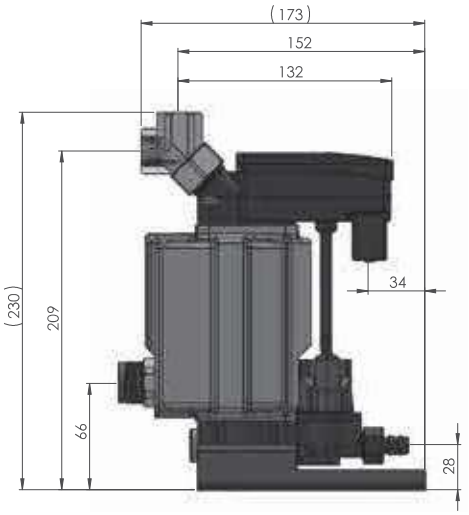


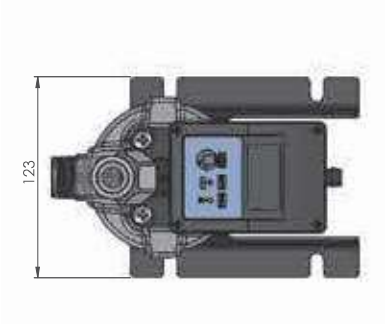


LD202L	230 V	115 V	115 V UL	24 V	24 Vdc
Power supply (±10%)	230 V (50/60 Hz)	115 V (50/60 Hz)	115 V (50/60 Hz)	24 V (50/60 Hz)	24 V dc
Power (during drainage)	10 VA				
Alarm contact	Contact NC/NO: 240V Ac max - 1A / 30V Dc max - 1A				
Working pressure	0,2-16 bar				
Working temperature	+1/+60 °C				
Protection class	IP65 (with connector and correctly assembled gasket)				
Electric connection	EN 175301-803 Type B (ex DIN 43650) (Supplied)				
Alarm connection	M12 Code A 4 Poles (Not supplied)				
Nominal flow (m^3/min) (1)	30				
Nominal drain (lt/h)	20				
Maximum drain (lt/h)	35				
Maximum compressor capacity (m^3/min)	30				
Maximum dryer capacity (m^3/min)	60				
Maximum filter capacity (m^3/min)	300				
Inlet	1 x G1/2"F + 1 x G3/4"M - G1/2"F (2)		2 x R1/2"F NPT	1 x G1/2"F + 1 x G3/4"M - G1/2"F (2)	
Outlet (with flow limiter)	1 x ø12				
Weight (kg)	1,2				
Receiver volume (l)	0,22				
Certificates	CE + UKCA		CE + UL + UKCA	CE + UKCA	
Code	15-472	15-471	15-475	15-473	15-474

(1) = Data refer to 1000 mbar(a), 20° C and 60% relative humidity. Operating pressure 7 bar and outlet temperature of the aftercooler 35° C.
(2) = For NPT version, minimum purchase lots are required. Get in touch with the Customer Service.

LD203

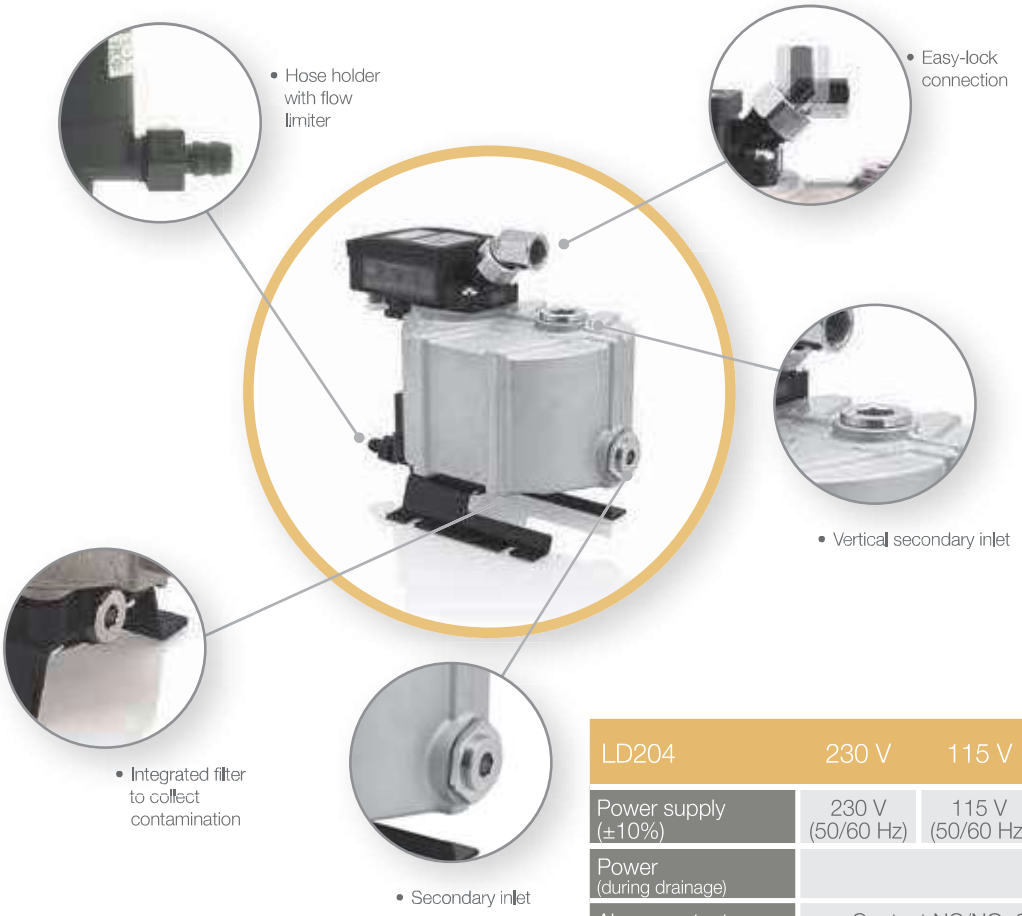


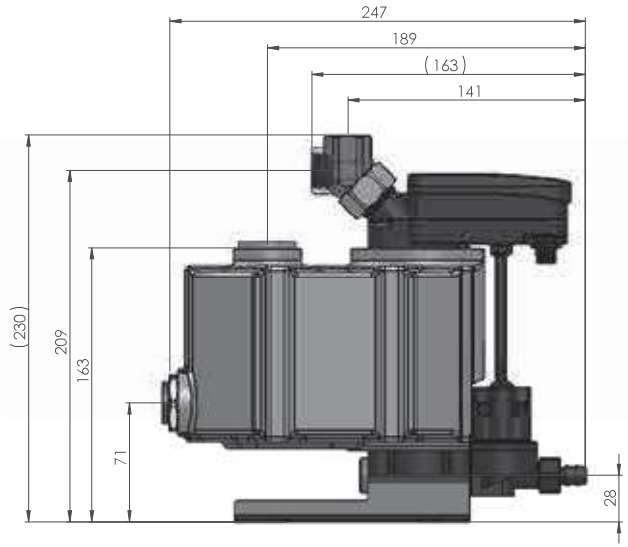


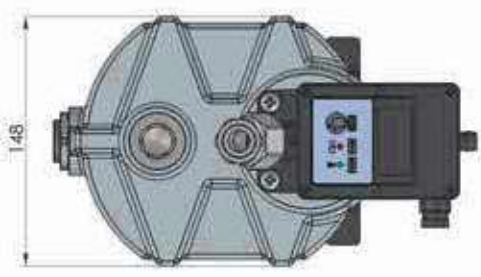
LD203	230 V	115 V	115 V UL	24 V	24 Vdc
Power supply (±10%)	230 V (50/60 Hz)	115 V (50/60 Hz)	115 V (50/60 Hz)	24 V (50/60 Hz)	24 V dc
Power (during drainage)	10 VA				
Alarm contact	Contact NC/NO: 240V Ac max - 1A / 30V Dc max - 1A				
Working pressure	0,2-16 bar				
Working temperature	+1/+60 °C				
Protection class	IP65 (with connector and correctly assembled gasket)				
Electric connection	EN 175301-803 Type B (ex DIN 43650) (Supplied)				
Alarm connection	M12 Code A 4 Poles (Not supplied)				
Nominal flow (m^3/min) (1)	160				
Nominal drain (lt/h)	90				
Maximum drain (lt/h)	150				
Maximum compressor capacity (m^3/min)	160				
Maximum dryer capacity (m^3/min)	320				
Maximum filter capacity (m^3/min)	1600				
Inlet	1 x G1/2"F + 1 x G3/4"M - G1/2"F (2)		2 x R1/2"F NPT	1 x G1/2"F + 1 x G3/4"M - G1/2"F (2)	
Outlet (with flow limiter)	1 x ø12				
Weight (kg)	1,8				
Receiver volume (l)	0,5				
Certificates	CE + UKCA		CE + UL + UKCA	CE + UKCA	
Code	15-552	15-551	15-555	15-553	15-554

(1) = Data refer to 1000 mbar(a), 20° C and 60% relative humidity. Operating pressure 7 bar and outlet temperature of the aftercooler 35° C.
(2) = For NPT version, minimum purchase lots are required. Get in touch with the Customer Service.

LD204







LD204	230 V	115 V	115 V UL	24 V	24 Vdc
Power supply (±10%)	230 V (50/60 Hz)	115 V (50/60 Hz)	115 V (50/60 Hz)	24 V (50/60 Hz)	24 V dc
Power (during drainage)	10 VA				
Alarm contact	Contact NC/NO: 240V Ac max - 1A / 30V Dc max - 1A				
Working pressure	0,2-16 bar				
Working temperature	+1/+60 °C				
Protection class	IP65 (with connector and correctly assembled gasket)				
Electric connection	EN 175301-803 Type B (ex DIN 43650) (Supplied)				
Alarm connection	M12 Code A 4 Poles (Not supplied)				
Nominal flow (m^3/min) (1)	300				
Nominal drain (lt/h)	200				
Maximum drain (lt/h)	>350				
Maximum compressor capacity (m^3/min)	300				
Maximum dryer capacity (m^3/min)	600				
Maximum filter capacity (m^3/min)	3000				
Inlet	2 x G1/2F"+1 x G3/4"F (2)		1 x G1/2"F + R1/2"F NPT + G3/4"F	2 x G1/2F"+1 x G3/4"F (2)	
Outlet (with flow limiter)	1 x ø12				
Weight (kg)	3,45				
Receiver volume (l)	1,5				
Certificates	CE + UKCA		CE + UL + UKCA	CE + UKCA	
Code	15-652	15-651	15-655	15-653	15-654

(1) = Data refer to 1000 mbar(a), 20° C and 60% relative humidity. Operating pressure 7 bar and outlet temperature of the aftercooler 35° C.
(2) = For NPT version, minimum purchase lots are required. Get in touch with the Customer Service.

VACUUMDRAIN

Vacuum-designed technology.

ZERO-LOSS

drain system.

Stainless steel fittings.

Large, nickel-plated

aluminum receiver.

2 regulators and relative

pressure gauges to monitor

the service pressures.

Electronic condensate drain for applications with vacuum system

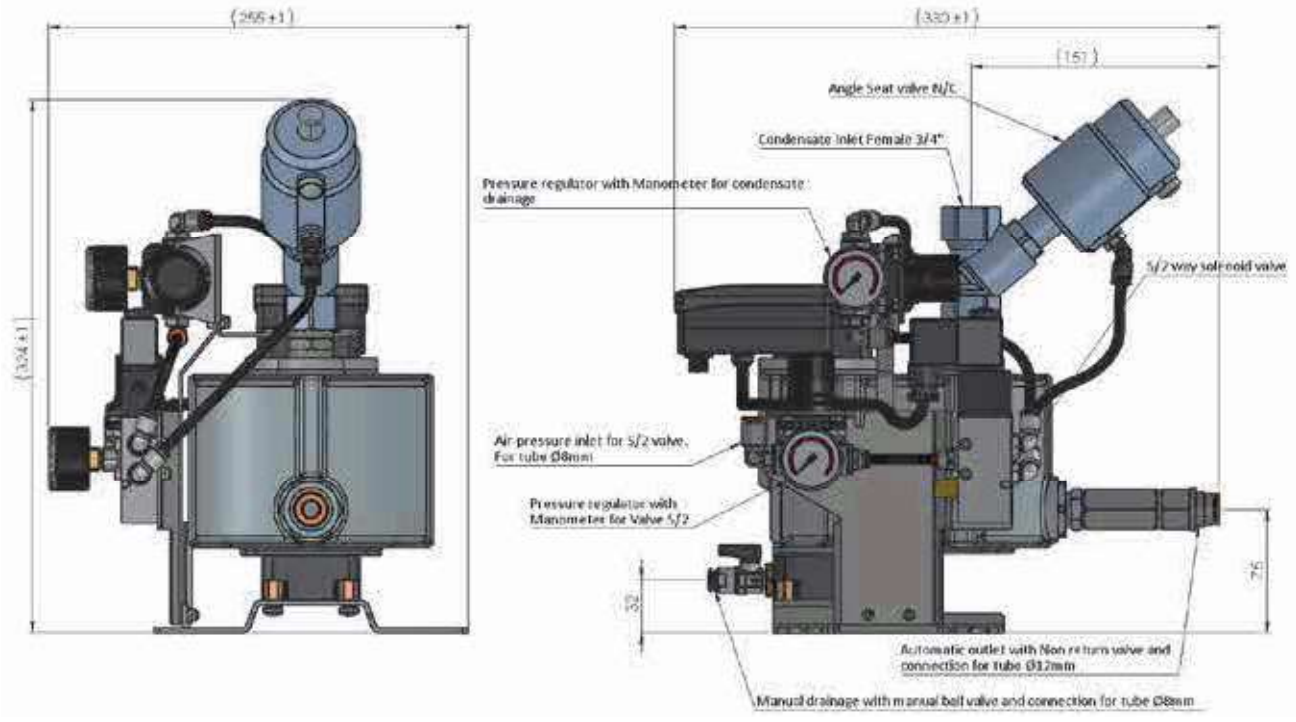
Vacuum Drain is an automatic condensate drain system specially designed for vacuum plants, in order to be a reliable solution to support vacuum applications.

During the condensate dripping phase, the non-return valve at the outlet is closed thanks to the vacuum conditions created inside the receiver, which is at the same pressure as the vacuum system. When the Vacuum Drain receiver reaches the maximum accumulation level, the electronics command the closure of the piston valve and, thanks to the 5/2 valve, the 4bar service pressure allows a quick drain of the condensate from the non-return valve. When the condensate level returns to the minimum, the 5/2 valve opens the piston valve, while the non-return valve closes to repeat the cycle.

In case of non-discharge of the condensate, **Vacuum Drain** activates a sequence of forced drains to try to resolve the suffering situation. During this sequence, the red LED on the control panel flashes and an alarm signal is sent outside. A ball valve for manual discharge represents a further versatile solution for service activities.

VACUUM

VACUUM DRAIN	230 V AC	115V AC	24V AC
Power supply (±10%)	230 V (50/60 Hz)	115 V (50/60 Hz)	24 V AC
Power consumption (during drainage)	4 VA	4 VA	
Working pressure	0,1 – 1,8 bar (abs)		
Working temperature	+1/+60 °C		
Protection class	IP65 (with power supply connector correctly mounted)		
Electric connection	EN 175301-803 Type B (ex DIN 43650) (Supplied)		
Alarm connection	M12 Code A 4 Poles (Not supplied)		
Nominal flow	30lt/h @4 bar (g)		
Single Draining	0,5lt @4 bar (g)		
Max Performance	60lt/h @4 bar (g)		
Pressure to operate the 5/2way valve	4bar		
Pressure to ensure open/close angle seat valve	2bar		
Inlet	1xG¾" F		
Outlet	1 x ø12		
Weight (kg)	5,1		
Receiver volume (l)	1,5		
Certificates	CE + UKCA		
Code	20-661	20-662	20-663



AUTODRAIN

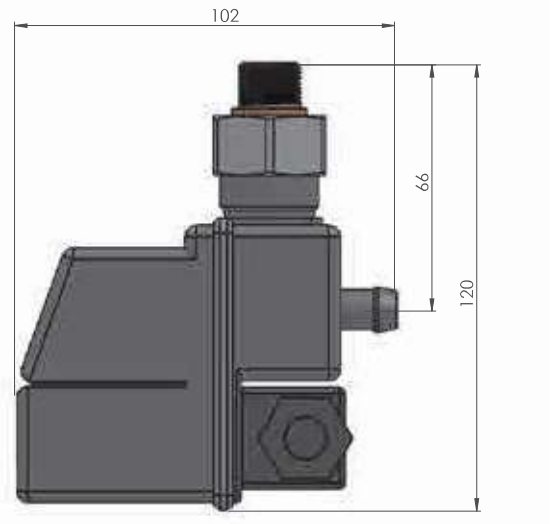
Compact design, adjustable for very low points of the plant.

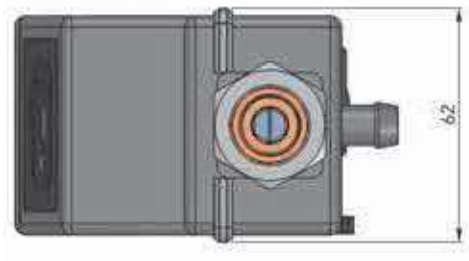
Self-calibrating discharge timing.

Optimal price-performance ratio.

Integrated filter to collect contamination.

FKM (fluoroelastomer) diaphragm.





Automatic self-calibrating condensate drain

AutoDrain is an automatic drain able to discharge condensation cyclically.

AutoDrain has a built-in timed electronic circuit, a condensation sensor and an assisted-drive solenoid valve, which opens at preestablished intervals. The opening time varies according to the actual quantity of condensation at the installation point. This allows to limit compressed air waste to a minimum.

AutoDrain does not require setting waiting and discharge times since the product is totally self-calibrating. The front control panel (version 950) contains two LEDs displaying power supply and drain state. A button permits to control the drain manually.

AutoDrain is extremely small and can be installed at any position and anywhere in a compressed air installation.

To make its installation easier **AutoDrain** includes an industrial connector EN 175301-803 Type A (ex DIN 43650) for power supply and an Easy Lock three-part fitting for pneumatic connection.

	AutoDrain 925		AutoDrain 950	
	230 V	115 V	230 V	115 V
Power supply (±10%)	230 V (50/60 Hz)	115 V (50/60 Hz)	230 V (50/60 Hz)	115 V (50/60 Hz)
Power consumption (during drainage)	10 VA			
Operating pressure	0,2-16 bar			
Operating temperature	+1/+60 °C			
Protection class	IP65 (with connector and correctly assembled gasket)			
Electrical connection	EN 175301-803 Type A (ex DIN 43650) (Supplied)			
Nominal flow rate (m^3/in) (1)	60			
Nominal discharge (lt/h)	40			
Maximum discharge (lt/h)	70			
Maximum compressor capacity (m^3/min)	60			
Maximum dryer capacity (m^3/min)	120			
Maximum filter capacity (m^3/min)	600			
Inlet connection	1 x R3/8"M			
Outlet connection (with flow limiter)	ø10 mm			
Weight (kg)	0,215			
Certificates	CE + UKCA			
Code	35-822	35-823	35-842	35-843

(1) = Data refer to 1000 mbar(a), 20° C and 60% relative humidity. Operating pressure 7 bar and outlet temperature of the aftercooler 35° C.

TIMEDRAIN

Compact design, minimal space required.

Precise and intuitive programming.

Optimal price-performance ratio.

Integrated filter to collect contamination.

FKM (fluoroelastomer) diaphragm).

Timed condensate drain

TimeDrain is an automatic drain system capable of removing cyclically condensate water. TimeDrain integrates a digital timer and a servo-controlled solenoid valve, which is periodically opened according to T-on and T-off times planned by using its control panel.

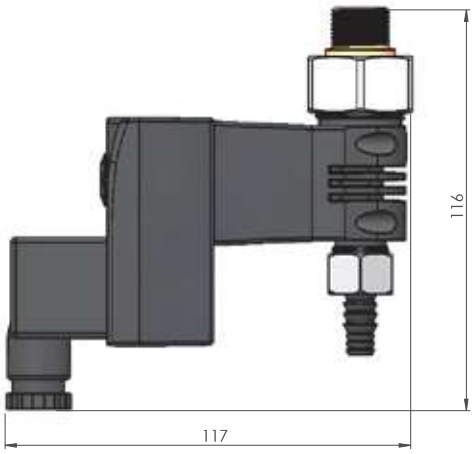
TimeDrain makes time regulation extremely precise thanks to its selector with eight different sectors which enables the choice among eight different pause times (T-Off) and a button for setting three drainage levels (T-on). The same button has a double testing function, useful to check if the drainage system works correctly.

TimeDrain has a really small size and it can be installed in each kind of position and at each point of the compressed air plant.

In order to make the installation much easier **TimeDrain** is equipped with a EN 175301-803 Type B (ex DIN 43650) plug for connecting to the power supply and an Easy-Lock connection inlet for connecting to the pneumatic system.

TimeDrain	230 V	115 V
Power supply	230 V (50/60 Hz)	115 V (50/60 Hz)
Power consumption (during drainage)	10 VA	
Operating pressure	0,2-16 bar	
Operating temperature	+1/+60 °C	
Protection class	IP65 (with connector and correctly assembled gasketi)	
Electrical connection	EN 175301-803 Type B (ex DIN 43650) (Supplied)	
Nominal flow rate (m^3/min) (1)	60	
Nominal discharge (lt/h)	40	
Maximum discharge (lt/h)	40	
Maximum compressor capacity (m^3/min)	60	
Maximum dryer capacity (m^3/min)	120	
Maximum filter capacity (m^3/min)	600	
Inlet connection	1 x R3/8"M	
Outlet connection (with flow limiter)	ø10 mm	
Weight (kg)	0,18	
Certificates	CE + UKCA	
Code	45-885	45-886

(1) = Data refer to 1000 mbar(a), 20° C and 60% relative humidity. Operating pressure 7 bar and outlet temperature of the aftercooler 35° C.



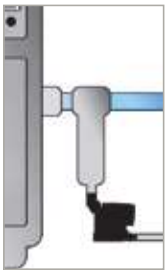
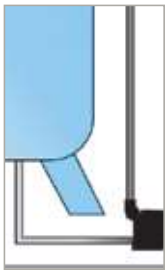
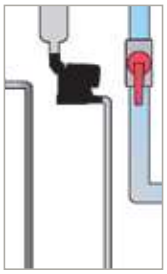
condensate drains SCB

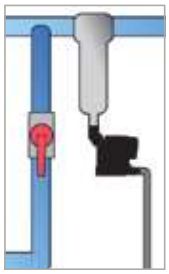
Climate areas and technical specifications

	LogiDrain							TimeDrain	AutoDrain
	LD100	LD101 COMPACT	LD101(L)	LD200(L)	LD202(L)	LD203	LD204	TD	AD 925 (950)
Compressor capacity m^3/min	3,6	7,6	9	18	36	190	360	70	70
	3	6,3	7,5	15	30	160	300	60	60
	1,8	3,8	4,5	9	18	96	180	35	35
Dryer capacity m^3/min	7	15	18	36	72	380	720	144	144
	6	13	15	30	60	320	600	120	120
	3,5	7,5	9	18	36	190	360	70	70
Filter capacity m^3/min	36	76	90	180	360	1900	3600	700	700
	30	63	75	150	300	1600	3000	600	600
	18	38	45	90	180	960	1800	350	350

GREEN FIELDS cold and dry climate: Northern Europe, Canada, North America, Central Asia
BLUE FIELDS moderate climate: Central and Southern Europe, Central America, Northern and Southern Africa and central areas of South America
RED FIELDS hot and humid climate: Southern tropic areas, equatorial areas

Selection Overview




COMPRESSOR PERFORMANCES

COMPRESSOR POWER (KW)	COMPRESSOR DELIVERY VOLUME (m^3/min)	AFTERCOOLER	TANK	PREFILTER	DRYER	FILTER	PIPELINE
< 15	3	LD100 AD925	LD101L AD950 TD	LD100 AD950 TD LD101COMPACT	LD101COMPACT LD100 AD925	LD101COMPACT LD100 AD950 TD	LD101COMPACT LD100 AD950 TD
30	6	LD101COMPACT LD101 AD925					
55	10						
75	15	LD200 AD950			LD101COMPACT LD101 AD950		
110	20						
130	25						
145	30	LD202 AD950			LD200 AD950		
200	35						
250	40						
300	60	LD203	LD200L TD	LD101COMPACT LD101 AD950	LD202	LD101COMPACT LD101 TD	
355	70						
560	100						
750	140		LD202L TD	LD200 TD	LD203	LD200	LD101 LD101COMPACT
900	175	LD204					
1200	200						
1300	250		LD203	LD202		LD202	
1500	300						

The specifications contained in this chart refer to a temperate climate (blue) that is dominant in most industrialized areas.

SEPDRAIN

• Twin system

Water /oil separator

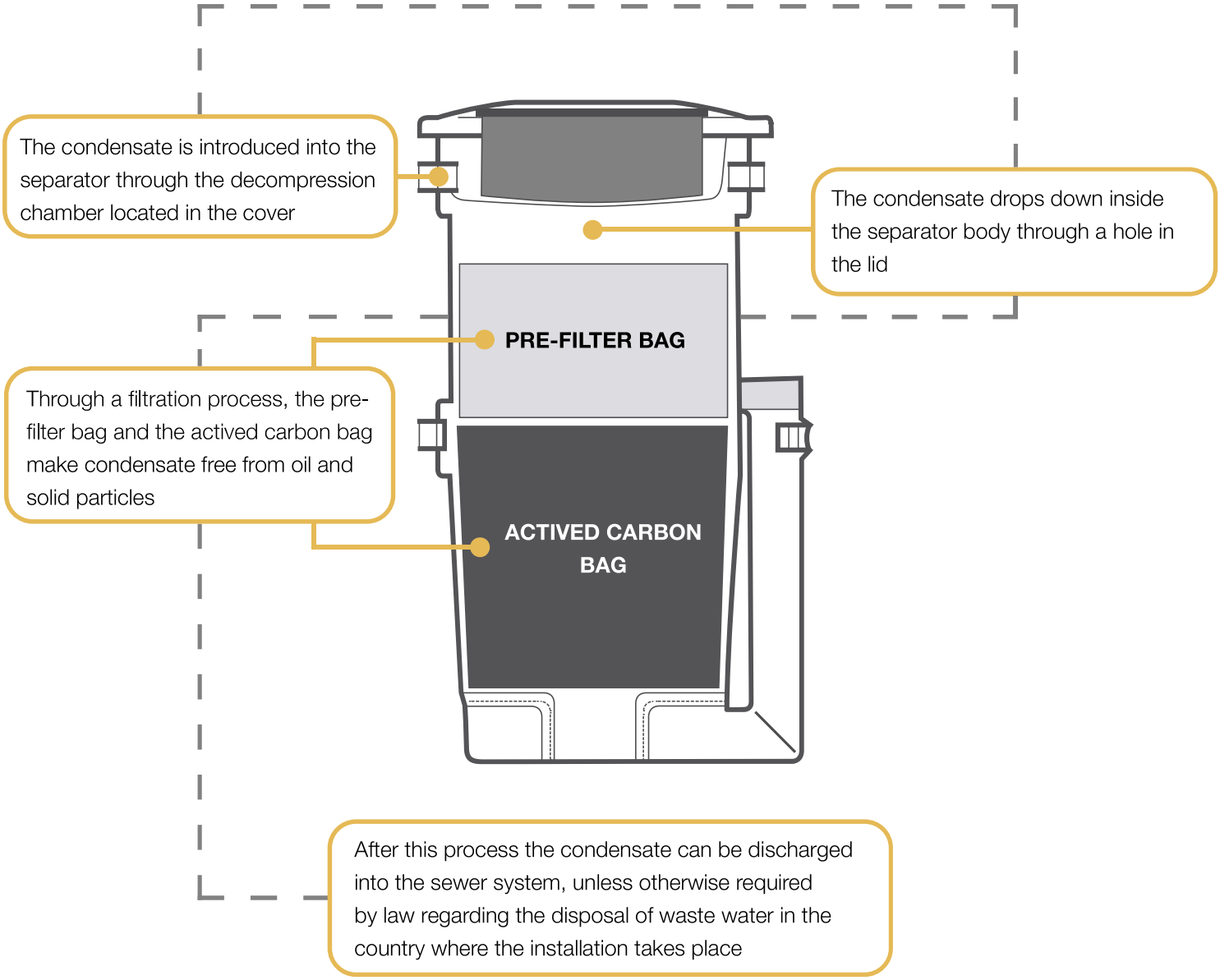
SepDrain is suitable to separate oil from condensate into air compressed systems.

SepDrain is the very new condensate separator ready to offer you:

- 100% performance even on new synthetic compressor lubricants
- simplified maintenance
- concentrations of outgoing oil below 10 ppm/l
- saving-space solution
- recycled and eco-friendly materials
- high reliability

Its **Twin System** technology will allow you to double or triple the condensate treatment capacity and reduce the amount of residual contaminant.

SepDrain operation



	Sepdrain 1.7	Sepdrain 2.8	Sepdrain 8.5	Sepdrain 21	Sepdrain 42
Code	65-965	65-961	65-962	65-963	65-964
Nominal flow rate (m^3/min)	1.7	2.8	8.5	21	42
Connection (BSP-F)	1/4”	1/2”	1/2”	3/4”	3/4”
Dimensions HxD (mm)	220 x 145	460 x 200	600 x 280	930 x 430	930 x 430 (x2)
Weight (Kg)	1	5	11	29	58

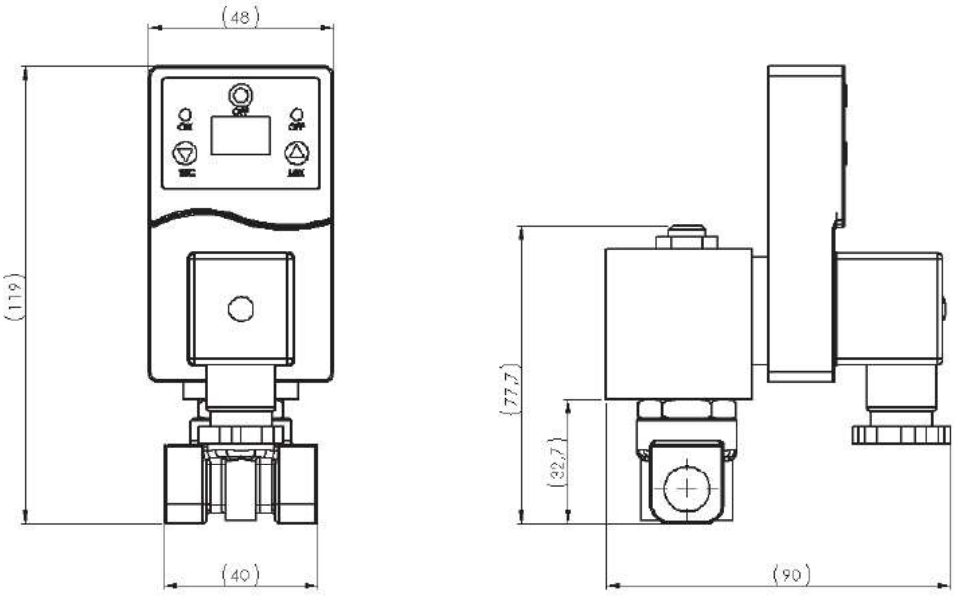
HTD

HIGH PRESSURE TIMER DRAIN

Timer-controlled Condensate Drain

- ✓ Timer-controlled Condensate Drain
- ✓ Compact design
- ✓ Simple to install and fully automatic
- ✓ Easy and practical display that indicates the set value
- ✓ Two buttons that allow to change the T-on and T-off (T-on in seconds, T-off in minutes).
- ✓ Two LEDs that show the timer status (on or off).
- ✓ Test button to manually drain the condensate and check the operation of of the valve
- ✓ NPT connection available for version 115V Ac
- ✓ Supplied with connector plug type A (DIN43650A ISO 440/6952)
- ✓ - NC 2/2 way direct acting valve (made in Europe)

Size



The dimensions may vary when using different types of valves.

• Timer Unit

Timer Drain:	HTD30			HTD100			HTD350	
	230V GAS	115V NPT	24Vac GAS	230V GAS	115V NPT	24Vac GAS	230V GAS	115V NPT
SCB p/n	75-983	75-984	75-985	75-991	75-992	75-993	75-995	75-996
Working pressure	30 bar			100 bar			350 bar	400 bar
Valve vent (ø)	1,5 mm			1,2 mm			1 mm	0,9 mm
Kv (a 1 bar)	1,4 lt/min			1 lt/min			0,3 lt/min	
Power	8W		17VA	8W		17W	16W	
IN/OUT connection	Gas ¼"	Npt ¼"	Gas ¼"	Gas ¼"	Npt ¼"	Gas ¼"	Gas ¼"	Npt ¼"
Voltage	230V 50/60 Hz	115V 50/60 Hz	24V 50/60 Hz	230V 50/60 Hz	115V 50/60 Hz	24V 50/60 Hz	230V 50/60 Hz	115V 50/60 Hz
Valve's body material	brass			brass			Inox	Inox
Gaskets	FKM			PTFE			PU	Peek
Timer approval	CE – UL (e488201)							
Valve approval	CE, UL, CSA, VDE						CE - UL	
T-on	Draining time 0,5 to 10 seconds							
T-off	Interval 0,5 to 45 minutes							
Working temperature	+ 1° C / + 60° C							

MFD
MECHANICAL FLOAT DRAIN

CURRENTLY NOT AVAILABLE

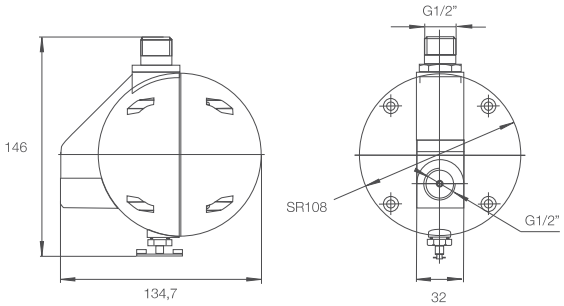
Mechanical Condensate Drain

- ✓ Simple and reliable product
- ✓ Suitable to any air compressed points (air compressor, aftercooler, pressure vessel, dryer, filter)
- ✓ Works with oil-contaminated condensate (unsuitable to oil-free applications)
- ✓ Power connection not required
- ✓ No air loss
- ✓ Simple to install and fully automatic. Requires no configuration or testing
- ✓ ½" female connections
- ✓ Supplied with inlet ½" male adapter fitting
- ✓ Manual exhaust to drain condensate manually and check the valve function
- ✓ Operating pressure up to 16 bar
- ✓ EC (CE) approved

Mechanical Drain	MFD Gas ½"	MFD NPT ½"
SCB p/n	85-050	85-060
Operating pressure	0,2 to 16 bar (3-232 psi)	
Working temperature (°C)	+ 1° C / + 60° C	
Valve vent (ø)	2,5 mm	
Type of valve	Direct operation, NC	
Nominal volume (1)	20000 m³/h	
Drain capacity (at 7 bar)	2,8 l/min (167 l/h)	
Drain capacity (at 10 bar)	4,2 l/min (250 l/h)	
IN/OUT thread	Gas ½"	
Inlet size by brass adapter	Bsp ½"Male / Bsp ½" Male	Bsp ½"Male / NPT ½" Male
Tank	Aluminum	
Tank volume	0,4 l	
Float	Stainless steel	
Gaskets	NBR	
Plastic coating	PA6	
Weight (kg)	0,6	
Dimensions (mm)	135x110x130 (without inlet fitting)	
Certified	CE + UKCA	

(1): Refer to 1 bar and 20 °C at 7 bar operating pressure, intake air of compressor 25 °C at 60% of relative humidity, 35 °C compressed air temperature.

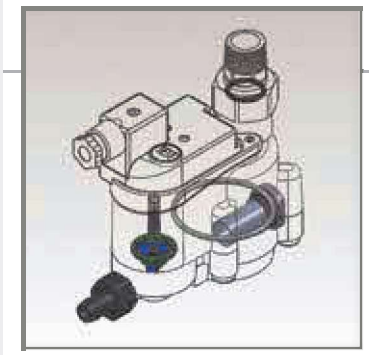
Size



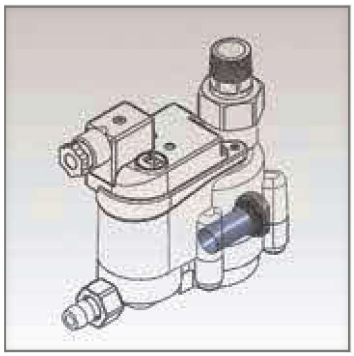
service kit accessories

LD100

KIT_001
Maintenance kit
with key plug



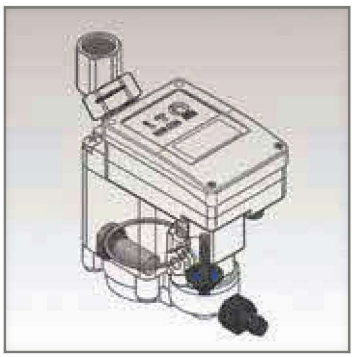
KIT_002
Filter with key plug



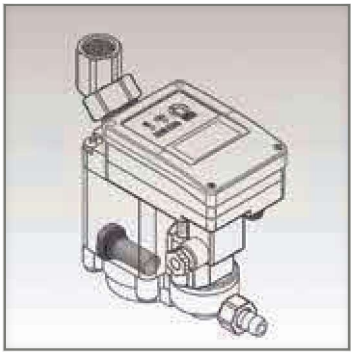
KIT_040
Maintenance kit
valve body
with key plug

LD101 COMPACT - LD101 LD200
LD202 - LD101L LD200L - LD202L

KIT_001
Maintenance kit
with key plug



KIT_002
Filter with key plug
CH 17



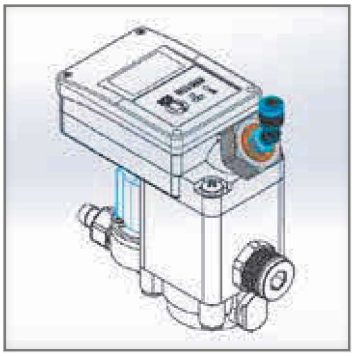
service kit accessories

KIT_003

Maintenance kit
valve body
with key plug

KIT_053

Venting kit

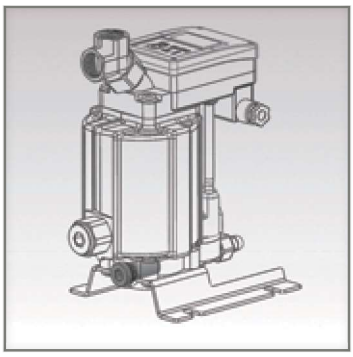


KIT_027

Maintenance kit
with HEX socket
plug

KIT_029

Filter with HEX
socket plug



KIT_031

Maintenance kit
valve body with HEX
socket plug

LD101 COMPACT - LD101
LD101L - LD200 - LD202
LD200L - LD202L

LD101 COMP. - LD101 - LD101L
LD200 - LD202 - LD200L
LD202L - LD203 - LD204

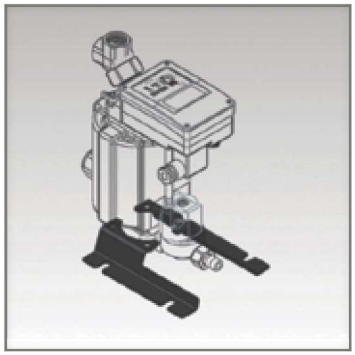
LD203 - LD204

service kit accessories

LD203 - LD204

KIT_032

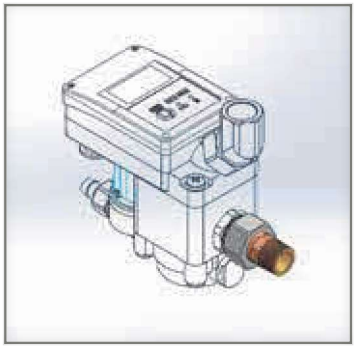
Support brackets



LD101L - LD200L
LD202L - LD203

F12

Easy lock connection
R 1/2” M with seal



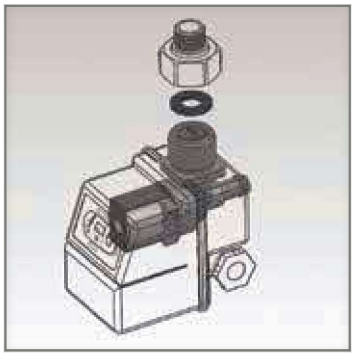
AUTODRAIN

C661

Maintenance kit

C664

Complete valve body
230V



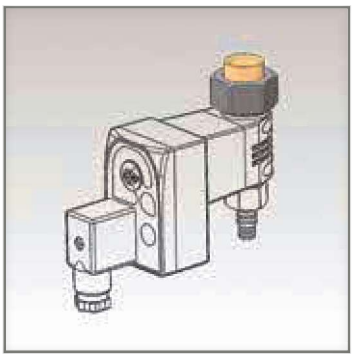
C665

Complete valve body
115V

service kit accessories

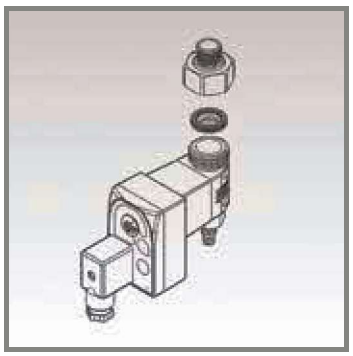
F38

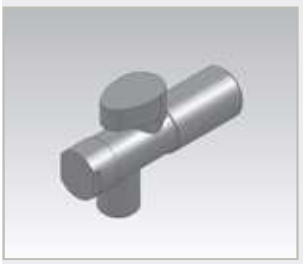
Easy lock connection
G 3/8" F
with flat seal



KIT_018

Inlet filter



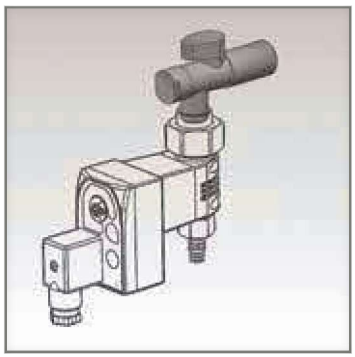


KIT_022

Tap M 1/2"
with integrated filter

KIT_023

Tap M 3/8"
with integrated filter



CED

Ind. Connector Type B
11mm PG9 with M3 screws
and flat gasket

CED UL

Ind. Connector Type B
11mm PG9 UL with M3
screws and flat gasket
(UL/CSA Certified)

service kit accessories

ELECTRICAL CONNECTION

C712

2mt cable with 11mm
type B rectangular
power connector

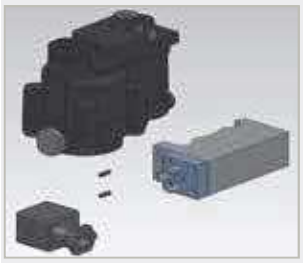
C713

5mt cable with cable
socket M12 4 poles

C715

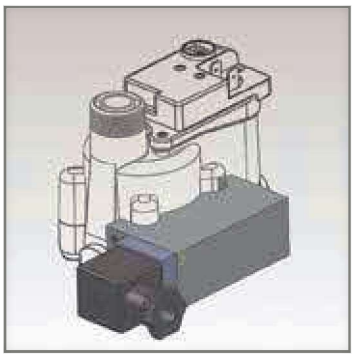
2mt cable with type A
square power connector

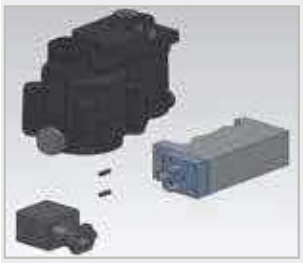
heaters



C683 (230V)

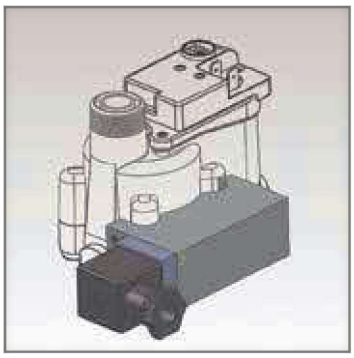
Heater for model
LD100 and LD101C

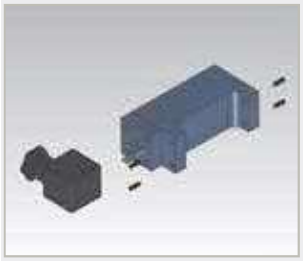




C716 (115V UL)

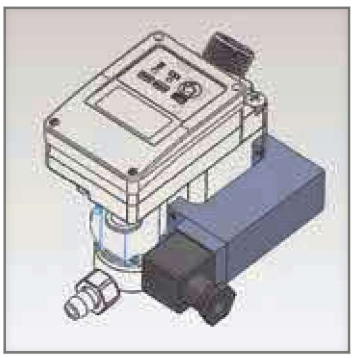
Heater for model
LD100 and LD101C

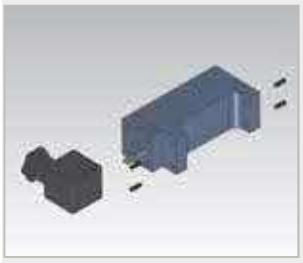




C685 (230V)

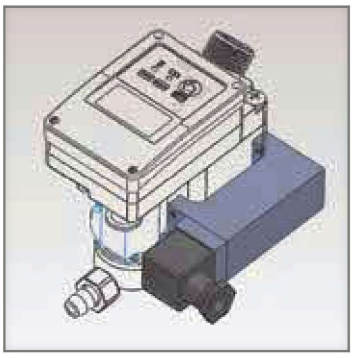
Heater for LogiDrain
101 -101L - 200
200L- 202 -202L





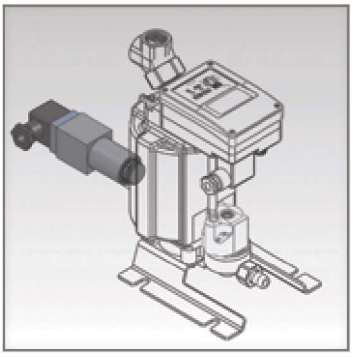
C717 (115V UL)

Heater for LogiDrain
101 -101L - 200
200L- 202 -202L

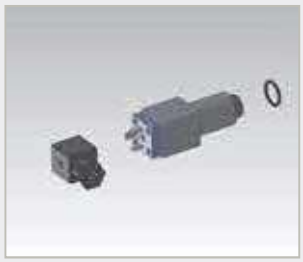


C686 (230V)

Heater for LogiDrain
203 -204



heaters



C718 (115V UL)

Heater for LogiDrain
203 -204