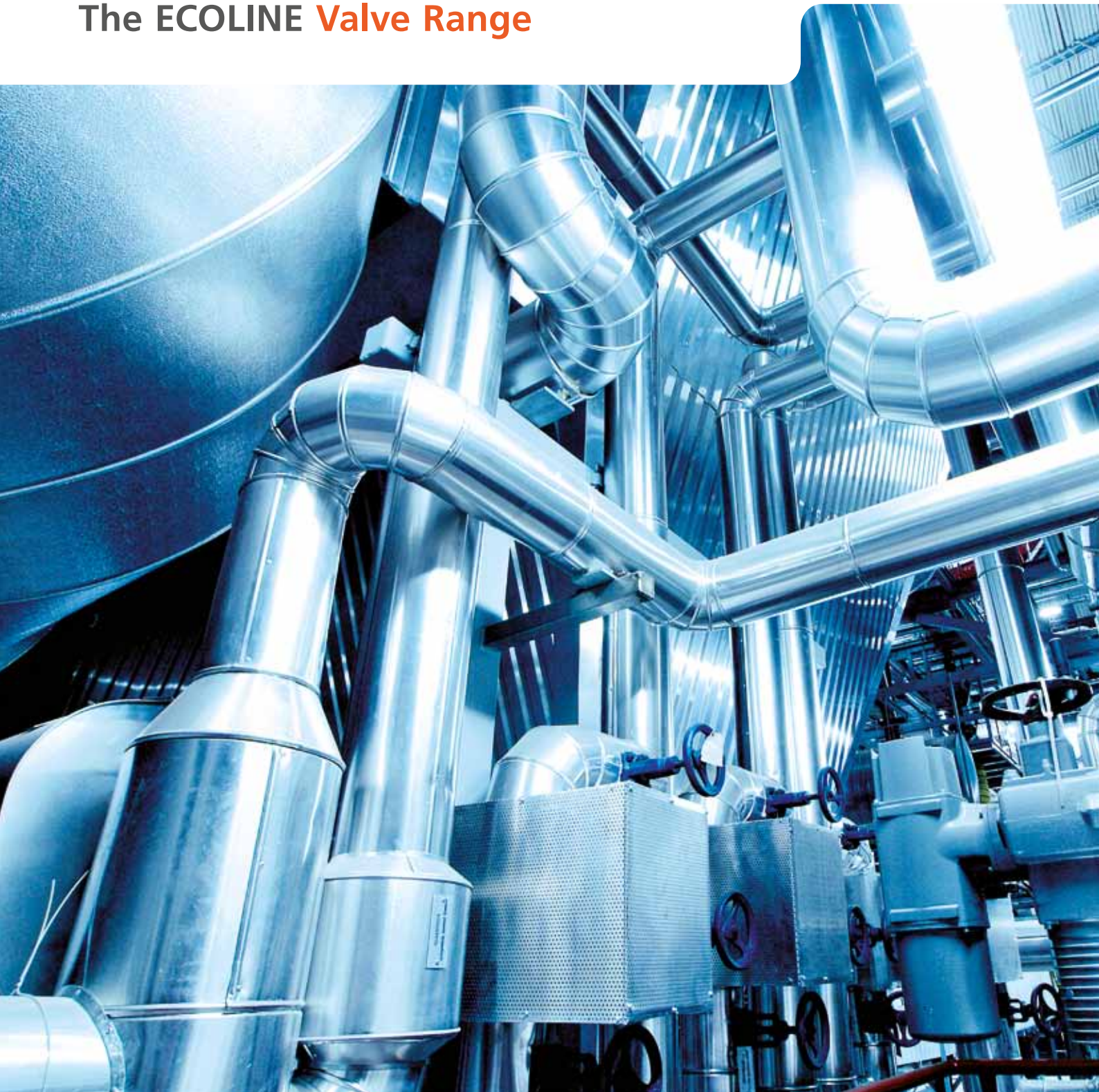


► Our technology. Your success.

Pumps • Valves • Service



The ECOLINE Valve Range



KSB, reliable partner for pumps, valves, automation systems and service

In all cases in which it is necessary to transmit, monitor, control or feed water of fluids regardless of temperature, state or potential risk, KSB, thanks to “state of the art” technology applied to pumps and valves, keeps everything in motion for you.

KSB pumps and valves operate therefore, with the same degree of reliability in the segment of water and waste water management, and within the field of industrial technology in the construction of thermal power plants and mineral extraction.

Further to the technical components, we develop for the industrial plants of our clients, complete (turnkey) systems and personalised assistance programs. Amongst these, we remind the extraction systems and the pump stations as well as pressure booster systems or temperature regulating systems and complete service packages.

Our solutions always take into account, the system in its entirety and, adopting the control and regulation technology most suitable, guarantee perfect interaction between all the components involved.

In this manner we are able to increase the efficiency of the plants and reduce costs in terms of energy for our clients.

All products are completed with a broad range of Service programs that guarantee assistance installation and rapid intervention in case of emergency. Near to 1400 technicians and engineers provide to inspection, maintenance and repair of KSB products.

KSB, quality and reliability

Quality for KSB means commitment to agreements supplier and client in pursuit of the highest level of satisfaction of the client in respect to the environment and regulations of the territory.

KSB, a solid presence

The KSB group is one of the major producers of pumps, valves and related systems.

KSB operates in Italy since 1925 conducting an intense commercial activity, assisted and supported by a relevant industrial activity and service to guarantee total collaboration with all clients.

The activity is concentrated in the location of Concorezzo, close to Milan, where the administrative, information technology and commercial sales and service offices are concentrated together with the fully automated warehouses for the distribution of packaged products.

KSB Italia also has 6 facilities at Concorezzo, Padoa, Venice, Frosinone, Taranto and Cagliari and a capillary network of agents and authorised workshops distributed over the national territory.

KSB, is certified

- UNI EN ISO 9001:2000
- UNI EN ISO 14000:2004
- OHS 18001
- CE

KSB, Valves for all applications

KSB valve range covers every kind of application with maximum security; extreme temperatures, elevated pressures, aggressive fluids, corrosive and with solids.

They find application in the industrial, chemical, petrochemical & pharmaceutical, refining, desalination, water, sewage and conventional and nuclear power industries as well as in marine and civil engineering construction.

Covering a complete range from DN 15 to DN 3700; gate and butterfly valves antivibration joints, compensators, globe, check, and diaphragm valves.

Further to the vast assortment of standardised valves availability of special executions to satisfy the most particular requirements.

KSB Italia's Valve Business Unit (BUV) distributes all the products of all the manufacturers in the KSB group some of which are historical brands such as AMRI (butterfly valves and associated actuators), SISTO (diaphragm valves for industrial and pharmaceutical applications), IVC (Ball & butterfly valves, actuators and control panels).

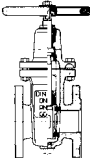
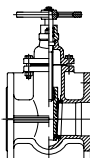

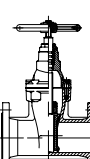
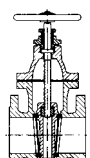
KSB Italia has further agreements for the exclusive commercialization in Italian market, of products other important manufacturers such as RITAG (wafer type swing and duo-check valves), PSA (valves and accessories for water and waste water applications), STENFLEX (pipe compensators and elastic joints), MECA-INOX (ball valves, threaded, welding and flanged end connections).

KSB Italia thirty years experience, and the market increasing requests, lead to the realization of a brand line products, distributed by us, either in Italian market or foreign market.

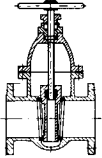
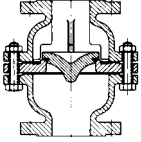
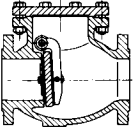
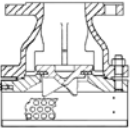
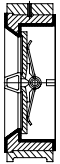



The ECOLINE Valve Range for all applications

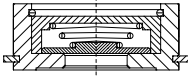
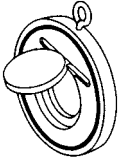
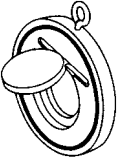
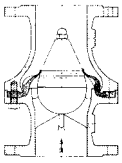
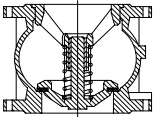
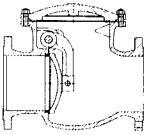
Product Portfolio ECOLINE Valve available in stock c/o KSB Italy - Concorezzo Site

Short description model	Main Characteristics	Range DN/inch	PN Class	General Industry	Chemical Industry	Clean Water	Waste Water	Building Service	Energy Low Pressure
Gate valve "ECOLINE-SP" 	Metal seated, cast iron body and wedge flanged end, face to face ISO 558-14	40 to 200	16	■		■		■	
Gate Valve "ECOLINE-SP10" 	Metal seated, cast iron body and wedge. Flanged end, face to face EN 558-1-14	40 to 300	10			■		■	
Gate valve "ECOLINE-SO" 	Metal seated, cast iron body, flanged end, face to face ISO 558-15	40 to 300	10 - 16	■		■		■	
Gate valve "ECOLINE-GTR16P" "ECOLINE-GTR16O" 	Soft seated, ductile iron body, epoxy coated, flanged end, face to face ISO 558-14/15	40 to 300	16	■		■	■	■	
Gate valve "CP/IT" 	Metal seated, cast iron body, flanged end, face to face ISO 558-14	40 to 300	6 - 10	■		■		■	

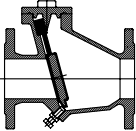
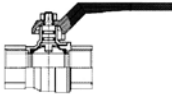
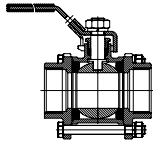
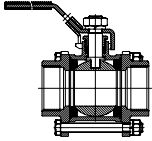
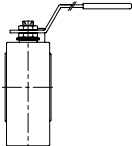
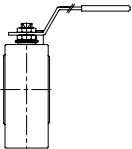
Product Portfolio ECOLINE Valve available in stock c/o KSB Italy - Concrezzo Site

Short description model	Main Characteristics	Range DN/inch	PN Class	General Industry	Chemical Industry	Clean Water	Waste Water	Building Service	Energy Low Pressure
Gate valve "CO/IT" 	Metal seated, cast iron body, flanged end, face to face ISO 558-15	40 to 300	16	■		■		■	
Non-return valve "Intermedia" 	Soft seated vertical type, cast iron body, flanged end	40 to 200	16	■		■		■	
Non-return valve "R1" 	Swing check, soft seated, cast iron body, flanged end	40 to 250	16	■		■	■	■	
Foot valve "ECOLINE-FND" 	Soft seated vertical type, cast iron body, strainer stainless steel flanged end	40 to 300	10			■			
Check Valve "ECOLINE-DPL" 	Check valve. Ductile Iron body, EPDM liner, Al-Bronze Clapet	50 to 500	10 - 16	■		■		■	
Non-return valve "KSR" 	Check disk, steel or stainless steel, metal seated, wafer flanged end	15 to 200	6 - 40	■	■	■		■	■

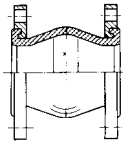

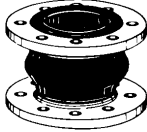
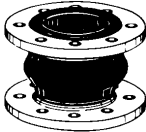


Product Portfolio ECOLINE Valve available in stock c/o KSB Italy - Concrezzo Site

Short description model	Main Characteristics	Range DN/inch	PN Class	General Industry	Chemical Industry	Clean Water	Waste Water	Building Service	Energy Low Pressure
Non Return Valve "ECOLINE-RD1640i" 	Check disc, stainless steel body, metal seated, wafer flanged valve	15 - 100	6 - 40	■	■	■		■	■
Non-return valve "ECOLINE-WT" 	Swing check, soft seated, carbon steel body, wafer flanged end	50 to 300	16	■	■	■	■	■	■
Non Return Valve "ECOLINE-WTI" 	Swing check, soft seated, stainless steel body, wafer flanged end	50 to 300	16	■	■	■	■	■	■
Non-return valve "HIDRO-STOP®" 	Diaphragm non slam valve, cast iron body, epoxy coated flanged end	40 to 300	10 - 16			■		■	
Check Valve "ECOLINE-RFV16S" 	Non slam valve, metal seated, epoxy coated, flanged ends. Short face to face	50 to 300	16	■		■		■	
Non-return valve "ECOLINE-CT" 	Swing check, soft seated, cast iron body, flanged end	40 to 250	16	■		■	■	■	

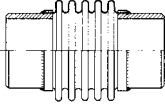
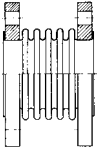
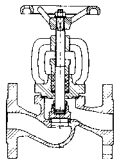
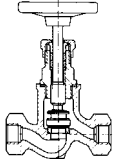
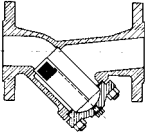
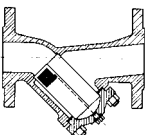
Product Portfolio ECOLINE Valve available in stock c/o KSB Italy - Concrezzo Site

Short description model	Main Characteristics	Range DN/inch	PN Class	General Industry	Chemical Industry	Clean Water	Waste Water	Building Service	Energy Low Pressure
Non-return valve "ECOLINE-CTGM NG" 	Swing check, soft seated, cast iron body, flanged end	50 to 200	16	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Ball valve "MF-OCS" 	Brass body, soft seated, threaded end	1/2" to 4"	50	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
Ball Valve "ECOLINE-BLC1000" 	Carbon steel body, soft seated, stainless steel ball, threaded ends	3/8" to 2"	64	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Ball Valve "ECOLINE-BLC1000 INOX" 	Stainless steel body, soft seated, stainless steel ball, threaded ends	3/8" to 2"	64	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Ball Valve "MP/CI NG" 	Carbon steel body, soft seated, stainless steel ball, wafer flanged ends	15 to 150	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Ball Valve "MP/II NG" 	Stainless steel body, soft seated, stainless steel ball, wafer flanged ends	15 to 150	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

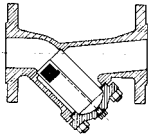
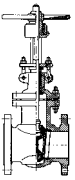
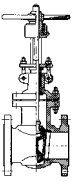
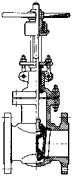
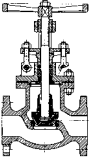
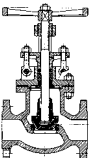
Product Portfolio ECOLINE Valve available in stock c/o KSB Italy - Concrezzo Site

Short description model	Main Characteristics	Range DN/inch	PN Class	General Industry	Chemical Industry	Clean Water	Waste Water	Building Service	Energy Low Pressure
Rubber compensator "A1" 	Bellows EPDM rubber, with rotating carbon steel flanges	20 to 250	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Rubber compensator "ECOLINE-GE1" 	Bellows EPDM rubber, threaded end	3/4" to 2 1/2"	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Rubber compensator "ECOLINE-GE2" 	Bellows EPDM rubber, with rotating carbon steel flanges	25 to 300	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Rubber compensator "ECOLINE-GE3" 	Bellows NBR rubber, with rotating carbon steel flanges	32 to 300	16	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Rubber-metal pipe Connector "GRV" 	Cilindrical rubber body made of elastic synthetic CR rubber	20 to 200	6 - 10	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	
Rubber-metal pipe Connector "ECOLINE-GE4" 	Cilindrical rubber body made of elastic synthetic EPDM rubber	20 to 200	16	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	

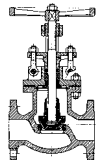
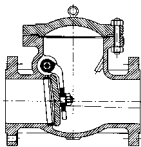
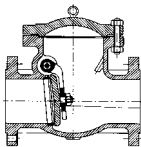
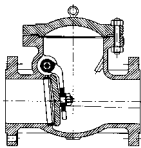
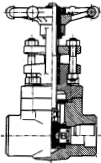
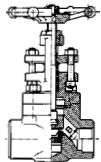
Product Portfolio ECOLINE Valve available in stock c/o KSB Italy - Concrezzo Site

Short description model	Main Characteristics	Range DN/inch	PN Class	General Industry	Chemical Industry	Clean Water	Waste Water	Building Service	Energy Low Pressure
Steel compensator "SA10" 	Stainless steel bellows, carbon steel welding ends	15 to 200	16	■	■	■		■	■
Steel compensator "SF10" 	Stainless steel bellows with rotating carbon steel flanges	40 to 200	16	■	■	■		■	■
Globe valve "ECOLINE-VA16" 	Cast iron globe valve straight-way pattern, metal seated, flanged end	15 to 250	16	■				■	
Globe valve "ECOLINE-AF" 	Cast iron globe valve straight-way pattern, metal seated, threaded end	3/8" to 2"	16	■				■	
Strainer Y-Type "ECOLINE-FY16" 	Y pattern, cast iron body with drain plug, basket stainless steel, flanged end	15 to 400	16	■		■		■	
Strainer Y-Type "ECOLINE-FY40" 	Carbon steel body, soft seated, stainless steel ball, wafer flanged ends	15 to 200	40	■		■		■	■

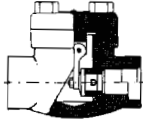
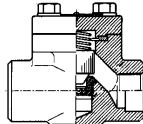
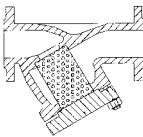
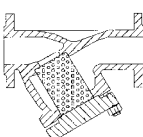
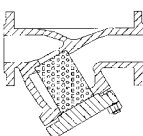
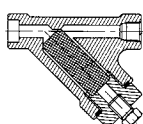
Product Portfolio ECOLINE Valve available in stock c/o KSB Italy - Concrezzo Site

Short description model	Main Characteristics	Range DN/inch	PN Class	General Industry	Chemical Industry	Clean Water	Waste Water	Building Service	Energy Low Pressure
Strainer Y-Type "ECOLINE-FYGS" 	Stainless steel body, soft seated, stainless steel ball, wafer flanged ends	15 to 200	16	■	■	■		■	
Gate valve "ECOLINE-GTC 150" 	Bellows EPDM rubber, with rotating carbon steel flanges	2" to 16"	150 lb	■	■				■
Gate valve "ECOLINE-GTC 300" 	Bellows EPDM rubber, threaded end	2" to 12"	300 lb	■	■				■
Gate valve "ECOLINE-GTC 600" 	Bellows EPDM rubber, with rotating carbon steel flanges	2" to 12"	600 lb	■	■				■
Globe valve "ECOLINE-GLC 150" 	Body A 216 WCB, trim 8, flanged end	2" to 12"	150 lb	■	■				■
Globe valve "ECOLINE-GLC 300" 	Body A 216 WCB, trim 8, flanged end	2" to 12"	300 lb	■	■				■







Product Portfolio ECOLINE Valve available in stock c/o KSB Italy - Concrezzo Site

Short description model	Main Characteristics	Range DN/inch	PN Class	General Industry	Chemical Industry	Clean Water	Waste Water	Building Service	Energy Low Pressure
Globe valve "ECOLINE-GLC 600" 	Body A 216 WCB, trim 5, flanged end	2" to 12"	600 lb	■	■				■
Non-return valve "ECOLINE-SCC 150" 	Body A 216 WCB, trim 8, flanged end	2" to 12"	150 lb	■	■				■
Non-return valve "ECOLINE-SCC 300" 	Body A 216 WCB, trim 8, flanged end	2" to 12"	300 lb	■	■				■
Non-return valve "ECOLINE-SCC 600" 	Body A 216 WCB, trim 5, flanged end	2" to 12"	600 lb	■	■				■
Gate valve "ECOLINE-GTF 800" 	Body A 105, trim 8, threaded, BW or SW ends	1/2" to 2"	800 lb	■	■				■
Globe valve "ECOLINE-GLF 800" 	Body A 216 WCB, trim 8, flanged end	2" to 12"	150 lb	■	■				■



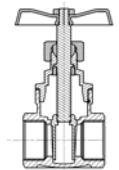
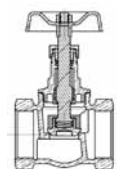
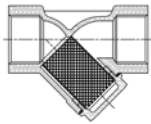
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Short description model	Main Characteristics	Range DN/inch	PN Class	General Industry	Chemical Industry	Clean Water	Waste Water	Building Service	Energy Low Pressure
Non-return valve "ECOLINE-SCF 800" 	Body A 216 WCB, trim 8, flanged end	2" to 12"	300 lb	■	■				■
Non-return valve "ECOLINE-PTF 800" 	Body A 216 WCB, trim 5, flanged end	2" to 12"	600 lb	■	■				■
Strainer Y-Type "ECOLINE-FYC 150" 	Body A 216 WCB, trim 8, flanged end	2" to 12"	150 lb	■	■				■
Strainer Y-Type "ECOLINE-FYC 300" 	Body A 216 WCB, trim 8, flanged end	2" to 12"	300 lb	■	■				■
Strainer Y-Type "ECOLINE-FYC 600" 	Body A 216 WCB, trim 5, flanged end	2" to 12"	600 lb	■	■				■
Strainer Y-Type "ECOLINE-FYF 800" 	Body A 105, trim 8, threaded, BW or SW ends	1/2" to 2"	800 lb	■	■				■

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Short description model	Main Characteristics	Range DN/inch	PN Class	General Industry	Chemical Industry	Clean Water	Waste Water	Building Service	Energy Low Pressure
Underground fire ydrant "ECOLINE-URANO" 	Screw or bayonet fitting, cast iron body, epoxy coated, gasket NBR	80	16			■			
Pillar fire hydrant "ECOLINE-APOLLO RP or RPC" 	With breakable system and with (RPC) or without (RP) hood protected outlets, cast iron epoxy coated body, cast iron + NBR wedge	80 - 100	16			■			
Pillar fire hydrant "ECOLINE-CS APOLLO" 	Single column, cast iron epoxy coated pillar, cast iron + NBR wedge	80	16			■			
Pillar fire hydrant "ECOLINE-CS APOLLO INOX" 	Single column, stainless steel AISI 304 pillar, cast iron + NBR wedge	80 - 100	16			■			
Underground fire hydrant "ECOLINE-PLUTONE" 	Cast Iron body, epoxy coated, cast iron + NBR wedge. 500mm or 700 mm lenght	80	16			■			
Control valves "ECOLINE-XLC" 	Ductile Iron body, epoxy coated, obturator AISI 304, flanged end	40 - 300	10 - 25	■		■			

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Short description model	Main Characteristics	Range DN/inch	PN Class	General Industry	Chemical Industry	Clean Water	Waste Water	Building Service	Energy Low Pressure
Float valve "ECOLINE-VENTOLO" 	Cast iron body, epoxy coated, spherical float in stainless steel	20 - 65	25			■			
Float valve "ECOLINE-EOLO" 	Cast iron body, epoxy coated, with combined nozzle in brass and stainless steel coated with EPDM	25 - 65	25			■			
Gate Valve "ECOLINE GT1" 	Gate Valve, Brass body and wedge. Socket ends	1/4" to 6"	16	■		■	■	■	
Globe Valve "ECOLINE GL1" 	Globe Valve, Brass body and wedge. Threaded ends	1/4" to 6"	16	■		■	■	■	
Strainer "ECOLINE ST1" 	Strainer, Brass body and filter in AISI304. Threaded ends	3/8" to 2"	16	■		■	■	■	





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