



EXPRESSION OF THE MOST PRESTIGIOUS MADE IN ITALY

Founded in Italy in 1961, Luxor has grown into a well-established company in the plumbing and heating industry. With a strong presence in the European market, we specialize in the production of **high-quality hoses and components**. Our constant attention to market needs, as well as to hygiene and environmental standards, has made Luxor a trusted name in the industry.





For over sixty years, Luxor has been a symbol of prestigious Made in Italy and the great **Italian tradition** in high-tech mechanical manufacturing.

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Luxor products are universally recognized for their reliability and high quality. A **certified quality**, acknowledged by the most prestigious international certification institutes worldwide.



A "lean" and **advanced industrial organization** together with a modern logistic conception, make Luxor able to satisfy every kind of request, even customized, with fast deliveries all over the world.

MISSION

Our mission is the **complete customer satisfaction** through a process of continuous technological research in order to make **high quality, reliable products**, anticipating the market evolutions by innovative partnership with both customers and suppliers. Luxor mission takes place in its own **Research and Development Centre** in which new and advanced technologies are constantly analysed and researched with continuous investments to offer the most innovative and reliable solutions for the international markets at competitive costs, ensuring

strict quality controls on each single piece.







Luxor is dedicated to the manufacturing of a wide range of hydro-sanitary products which meets every market requirement. Luxor is a worldwide leader in the field of flexible hoses and under sink connections.



Luxor develops and manufactures solutions for heating and cooling systems. All R&D, design, production and quality assurance activities are carried out directly by Luxor.



Please contact our offices for information about technical specifications and certified products or visit the website of the corresponding certification body for the latter.

Please refer to www.nsf.org for a complete list of NSF approved products.

Please refer to www.iapmort.org for a complete list of UPC/cUPC approved products.





• Transparency

and commitment Innovation and efficiency

RECYCLABILITY

Each product is designed with a focus on its environmental impact at the end of its life cycle



CONSUMER HEALTH PROTECTION

 $\cdot\,$ Compliance with hygienic and environmental standards

• Use of safe materials for water contact

TOWARDS A MORE SUSTAINABLE FUTURE



ENVIRONMENTAL GOALS

Environmental considerations are among the top priorities for Luxor S.p.A., with a clear focus on creating workplaces with a **lower ecological impact**. The company aims to achieve this by continuously evaluating and adopting new eco-friendly materials, with the goal of reducing the use and generation of hazardous substances while promoting a circular product management model. Reducing energy and water consumption is another key target Luxor S.p.A. intends to achieve in the short term, through ongoing monitoring and the development of action plans aimed at lowering related GHG (Greenhouse Gas) emissions.



SOCIAL GOALS

Luxor is committed to ensuring a **high level of training** for its workforce through internal training programs and close collaboration with industry experts. The adoption of a **shared company policy** and the **active listening** to employees' voices are primary objectives for Luxor. The company firmly believes that engaging its people and ensuring a safe, positive working environment is essential to achieving its financial and economic goals.



GOVERNANCE GOALS

Luxor S.p.A. has recently adopted its own Code of Ethics, drafted an **anti-corruption policy**, and implemented a *Whistleblowing* mechanism to report unlawful behavior. The company is also committed to preparing a **sustainability report** in compliance with ESRS (CSRD) standards for the year 2024, to be published in 2025. In addition, Luxor aims to continue its commitment to **transparent and responsible supply chain management**, through a careful evaluation of suppliers based on ESG criteria, with particular attention to **Corporate Social Responsibility (CSR).**



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5 / ELECTRICAL AND ELECTRONIC ACCESSORIES

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THERMOELECTRIC HEADS



TECHNICAL DATA

Thermoelectric heads function by exploiting the expansion of a thermosensitive element, which is heated up through an electrical resistor when the valve needs to be opened.

This allows for a slow open/close cycle and protects the system against water hammer.

Thermoelectric heads can only be connected to on/off thermostats or chronothermostats. Do not use 3-point or modulating thermostats or chronothermostats. TE thermoelectric heads are of the normally closed type, so they only open when an opening input (voltage) comes from the control sensor (ex. thermostat).

This allow the head to work only when there is a need for hot or cold water to flow through the heating body, and to remain idle for the rest of the time.

The new thermoelectric heads can be installed in any position, even upside down, since they are secured against leakage from the thermostatic screws.

	TE 3110	TE 3111	TE 3112	TE 3113
supply voltage	230 V AC, +10%10%, 50/60 Hz	24 V AC/DC +20%10%, 0-60 Hz	230 V AC, +10%10%, 50/60 Hz	24 V AC/DC, +20%10%, 50/60 Hz
max input current	350 mA	200 mA	350 mA	200 mA
operating power	1 W	1 W	1 W	1 W
stroke	5 mm	5 mm	5 mm	5 mm
actuating force	100 N +10%	100 N +10%	100 N +10%	100 N +10%
micro-switch voltage	-	-	230 V AC: resistive load 5 A inductive load 1 A	24 V AC: resistive load 5 A inductive load 1 A 24 V DC: resistive load 3 A inductive load 1 A
micro-switch trigger point	-	-	2,6 ± 0,6 mm	2,6 ± 0,6 mm
liquid temperature 0÷100 °C		0÷100 °C	0÷100 °C	0÷100 °C
storage temperature	storage temperature -25÷60 °C		-25÷60 °C	-25÷60 °C
room temperature	0÷60 °C	0÷60 °C	0÷60 °C	0÷60 °C
protection degree	IP 54	IP 54	IP 54	IP 54
protection class	II		11	III
CE conformity	✓	\checkmark	\checkmark	√
housing material		Polya	mide	
housing colour		Gr	еу	
connecting cable	2x0.75 mm ² PVC	2x0.75 mm ² PVC	4x0.75 mm ² PVC	4x0.75 mm ² PVC
cable colour		Gr	еу	
cable lenght	1 m	1 m	1 m	1 m
weight	105 g	105 g	160 g	160 g
overvoltage resistance	2.5 kV	1 kV	2.5 kV	1 kV

5 ELECTRICAL AND ELECTRONIC ACCESSORIES



CODE	ARTICLE	SIZE	А	В	с	D	E	F	G	н
69011021	TE 3110	- - M30x1,5	50	54	44	5,5	-		-	-
69011022	TE 3111		50	54	44	5,5	-	MZOVIE	-	-
69011026	TE 3112		56	54	44	4	-	M30X1,5	-	-
69011027	TE 3113		56	54	44	4	-		-	-

CHARACTERISTIC CURVES



TE 3110 - TE 3111





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INSTALLATION INSTRUCTIONS: ASSEMBLY WITH VALVE ADAPTER



INSTALLATION INSTRUCTIONS FOR THERMOELECTRIC HEADS

- Screw the valve adapter manually onto the valve. (fig. 1);
- Position the actuator manually in vertical position to the

valve adapter. (fig. 2);

 Simply latch the actuator to the valve adapter manually by applying vertical pressure; a clicking sound can be heard. (fig. 3).





FUNCTION INDICATOR

The function indicator (round light blue or red diskette) allows to easily see (or feel, if in the dark) if the valve is open or closed. The indicator pops up when the valve opens.

START-UP OF THERMOELECTRIC HEADS

All thermoelectric heads are supplied in a locked, partially opened position (ca. 1/4). In order to unlock and start up, the head must be fed power for at least 6 minutes (for example from the thermostat in heating position). During this time, the head opens completely and breaks the block. After that, the head is ready to function.

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THERMOELECTRIC HEAD ART. TE 3110 COD. 69011021

Thermoelectric head 230V, normally closed, without limit switch.

Connections cables colours and corresponding function.

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T T	VM 24 V			

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THERMOELECTRIC HEAD ART. TE 3111 COD. 69011022

Thermoelectric head 24V, normally closed, without limit switch.

Connections cables colours and corresponding function.

COLOUR	DESCRIPTION	COLOUR	DESCRIPTION
brown	connecting head to voltage	brown	connecting head to voltage
blue	connecting head to neutral	blue	connecting head to neutral



THERMOELECTRIC HEAD **ART. TE 3112** COD. 69011026

Thermoelectric head 230V, normally closed, with limit switch.

Connections cables colours and corresponding function.



THERMOELECTRIC HEAD **ART. TE 3113** COD. 69011027

Thermoelectric head 24V, normally closed, with limit switch.

Connections cables colours and corresponding function.

	COLOUR	DESCRIPTION	COLOUR	DESCRIPTION
	brown	connecting head to voltage	brown	connecting head to voltage
	blue	connecting head to neutral	blue	connecting head to neutral
	black and grey	limit switch exit cable	black and grey	limit switch exit cable

N.C. N.A

CONNECTIONS

The thermostat and/or chrono-thermostat output to which the thermoelectric heads must be connected are generally as shown in the following wiring diagrams:

Where:

C: Connection to power supply

N.C.: output normally closed for cable from the thermoelectric head (do not use since our thermoelectric head is normally closed).

N.A.: output normally open for the connection cable coming from the thermoelectric head (the brown electric cable coming from the thermostatic head must be connected to this type of ouput).

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APPLICATION EXAMPLE WITH CONNECTIONS:

- 1 chronothermostat
- 1 thermoelectric head

Each thermostat or chronothermostat can normally fit up to 10 thermoelectric heads in parallel. To know exactly the number of heads which can be connected, divide the thermostat output contact value N.A. by the head starting power.



APPLICATION EXAMPLE WITH

• 1 chronothermostat

THERMOELECTRIC HEADS WITH AUXILIARY OR LIMIT

3 thermoelectric heads with parallel connection

SWITCH CONTACT

The limit switch contact is used to start the heating system pump when there is at least one thermoelectric head functioning, hence the pump cannot function when all the thermostatic valves are closed.

Teste termoelettriche con contatto di fine corsa art. TE 3112

This device, stopping the pump when the system is not working, reduces wear on the pump and noise caused by the cavitation.



Teste termoelettriche con contatto di fine corsa art. TE 3112 Thermostatic head with limit switch art. TE 3112



THERMOELECTRIC HEADS

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TE 3110

Thermoelectric head 230 V (normally closed, opens with voltage)

- supply voltage 230 VAC
- supply cable **2 wires** x 0,75 mm². Length 1000 mm.

CODE
SIZE
Image: Boot Size
Image:



TE 3111

Thermoelectric head 24 V (normally closed, opens with voltage)

supply voltage 24 VAC

• supply cable **2 wires** x 0,75 mm².

Length 1000 mm.

CODE	SIZE	g	\geq	
69011022	M30x1,5	105	1	100



TE 3112

Thermoelectric head 230 V with limit switch (normally closed-opens with voltage)

supply voltage 230 VAC

• supply cable **4 wires** x 0,75 mm². Length 1000 mm.

CODE	SIZE	g	\supset	
69011026	M30x1,5	160	1	100



TE 3113

Thermoelectric head 24 V with limit switch (normally closed-opens with voltage)

• supply voltage 24 VAC

• supply cable **4 wires** x 0,75 mm². Length 1000 mm.

CODE	SIZE	g	\supset	
69011027	M30x1,5	160	1	100



VA 3090

Replacement adapter for thermoelectric heads TE series.

CODE	SIZE	g	\supset	
69015023	M30x1,5	8	-	-





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CONTACT OR IMMERSION SAFETY THERMOSTATS





Collegamento elettrico Electrical connection

TECHNICAL DATA

Contact Thermostat

Temperature regulation range: 0°C ÷ 90°C Temperature gradient: 1°C/min Minimum temperature tolerance ±4 °C Maximum temperature tolerance ±6 °C Differential temperature: 8 ±12 °C Nominal voltage on contacts: • 16 (4)A 250 V~

• 6 (1)A 400 V~ Nominal impulsive voltage 4kV Temperature limit of the control head: 85 °C Protection grade: IP 40 Insulation class: I

Immersion thermostat

Temperature regulation range: 10°C ÷ 90°C Temperature gradient: 1°C/min Differential temperature: 6 ± 1°C Nominal voltage on contacts: • 15 (6)A / 250 V~ Temperature limit of the control head: 85 °C Protection grade: IP 40 Insulation class: I



CONSTRUCTIVE FEATURES

The purpose of safety thermostats is to maintain the water temperature in heating systems within set limits, and especially well under the critical point. Safety thermostats TS 3030, TS 3035, TS 3032, TS 3037 and TS 3050 are either contact or immersion thermostats.

These thermostats may function both as normally open and normally closed. The type of functioning is to be chosen during the electrical connection phase.

Electrical connection:

• Terminal C: phase

• Terminal 1: opens the circuit when the temperature increases •Terminal 2: closes the circuit when the temperature increases Generally, in heating systems the electric appliance is connected to terminals C and 1 of the thermostat.

TS 3030

Contact safety thermostat, to be set as normally closed or open during installation.

CODE	SIZE	А	В	С	D	E	F	G	н	L	ĝ	\square	
69011230	-	45	38	88	18	42	-	-	-	-	132	1	10





TS 3037

Safety thermostat with immersion probe, to be set as normally closed or open during installation.

CODE	SIZE	А	В	С	D	E	F	G	н	L	g	\supset	
69011237	-	40	-	70	10	43	16	6,5	-	105	128	1	8

5 ELECTRICAL AND ELECTRONIC ACCESSORIES



Safety thermostat with immersion probe, to be set as normally closed or open during installation.

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	CODE	SIZE	А	В	С	D	E	F	G	Н	L	g	\supset	
	69011235	G 1/2	40	-	70	10	43	16	6,5	-	105	128	1	8



TS 3032

Contact safety thermostat pre-wired, normally closed.

CODE	SIZE	А	В	С	D	E	F	G	н	L	g	\square	
69011232	-	45	38	88	18	42	-	-	-	-	250	1	8



TS 3050

Safety thermostat with immersion probe, to be set as normally closed or open during installation.

CODE	SIZE	А	В	С	D	E	F	G	Н	L	g	\geq	
69011250	-	40	-	70	10	43	-	6,5	73	1000	132	1	8





PS 541

Yellow housing for probe TS 3050 and TS 3037.

CODE	SIZE	А	В	С	D	E	F	G	Н	L	g	\geq	
9446952	G 1/2	100	10	22	-	-	7	12	-	108	84	20	160

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CIRCULATION PUMP



TECHNICAL DATA

	PCEEI 752	PCE 756	PCE 757
EEI	≤ 0.20	< 0,23	< 0,23
liquid temperature	2 ÷ 95 °C	-10 ÷ 95 °C	-10 ÷ 90 °C
room temperature	0 ÷ 40 °C	0 ÷ 40 °C	0 ÷ 40 °C
max pressure	6 bar	6 bar	6 bar
max glycol quantity	40 %	20 %	20 %
connection threading	ISO 228 G 1"1/2	ISO 228 G 1"1/2	ISO 228 G 1"1/2
voltage supply	230 V (-10%; +6%)	230 V (-15%; 10%)	230 V (-15%; 10%)
frequency	50/60 HZ	50/60 HZ	50/60 HZ
protection	IP 44	IP 44	IP 44
insulation class	Н	Н	Н





CI-CII constant curve P1-P2 proportional curve min-max n fixed curves

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PCE 756

ΔP constant







PCE 757

 ΔP constant



 ΔP variable



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CIRCULATION PUMP





PCEEI 752

Electronic circulation pump with synchronous motor 25/60, interaxis 130 mm.

CODE	SIZE	А	В	С	D	E	F	G	н	I	g	\supset	
69011558	25/60-INT. 130 mm	130	88	104.5	78	G1"1/2	29.5	90	45	13.2	1810	1	-



PCE 756

Electronic circulation pump with synchronous motor 25/70, interaxis 130 mm.

CODE	SIZE	ĝ	\geq	
69011562	25/70-INT. 130 mm	2036	1	-





PCE 757

Electronic circulation pump with synchronous motor 25/80, interaxis 180 mm.

CODE	SIZE	ĝ	\supset	
69011564	25/80-INT. 180 mm	3718	1	-



VP 5012

Ball valve for pumps with female connection G 1" and swivel nut G 1"1/2.

CODE	SIZE	g	\ge	
68559752	G 1"1/2 x G 1"	314	10	80



TZ 800

Galvanized nozzle for system testing, interaxis 130 mm.

CODE	SIZE	g	\square	
7116601	G 1"1/2	676	3	24

INSTALLATION POSITION

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VERTICAL

HORIZONTAL



"UPSIDE DOWN"

The servomotor can be used at any installation location. The preferred installation locations to be used, where possible, are horizontal or vertical. The "upside down" installation, in particular circumstances (e.g. wastewater), can reduce the service life of the servomotor.

OPERATING DIAGRAMS



ELECTRICAL CONNECTIONS



SM 1348



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SERVOMOTORS





SM 1346

3-point servomotor, 230 V, connection M30x1,5.

CODE	SIZE	А	В	С	D	E	F	G	Н	L	g	\supset	
69011717	230 V	90	65	44	-	-	-	-	-	-	208	1	-



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SM 1348

Modulating actuator, 24V, connection M30x1,5.

CODE	SIZE	А	В	С	D	E	F	G	Н	L	g	\geq	
69011719	24 V 0-10V	90	65	44	-	-	-	-	-	-	163	1	-

ELECTRICAL AND ELECTRONIC ACCESSORIES

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ACTUATOR FOR ROOM TEMPERATURE CONTROL



Those who install heating, ventilation and cooling systems ask for economical but state-of-the-art technologies to guarantee the safety of the systems they develop.

Luxor's actuator TE 3020, with Direct Digital Control for operating voltages from 0 to 10 Volt, offers the following advantageous features:

- modulating: continuous and permanent adjustment with 0-10 V actuation;
- automatic calibration: self-regulation with zero-point detection and tolerance compensation;
- easy maintenance: function indicator;
- silent: thermoelectric principle;
- long-life performance: wear-resistant, no need for maintenance, operating safety guaranteed;
- economical: excellent price-performance ratio.

TECHNICAL DATA

Type: normally closed Supply voltage: 24V AC, -10%...+20%, 50-60 Hz Max inrush current: <320 mA during 2 min. max. Operating power: 1 W Working voltage: 0-10 V DC Input resistance: 100 k Ω Work stroke: 4 mm (minus 0.5 mm over-elevation) Pushing force: 100 N +5% Liquid temperature: 0÷100 °C Storage temperature: -25÷60 °C Room temperature: 0÷60 °C Degree of protection: IP 54 Protection class: III CE conformity according to EN 60730: EN 60730 Material: White polyamide Power cables: 3x0.22 mm² PVC Power cable length: 1 m



CHARACTERISTIC CURVES

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OPERATING INSTRUCTIONS



When assembled on control valves, the actuator TE 3020 performs several switch-on and adjustment activities as a modulating (continuous) regulating element. The 0-10 V actuation is proportionally transformed into a 0-4 mm stroke. The electrical heating up of the wax element is controlled by the built-in electronics.

INSTALLATION WITH ADAPTER

1. Manually screw the valve adapter onto the valve.



2. Connect the power cable to the actuator.







4. Attach the actuator to the valve adapter by manually applying the vertical pressure until you hear a click.

The TE 3020 actuators are equipped with the "first open" operation, that is, the actuator at the time of delivery is in the normally open state. This allows the system to be washed and filled with already assembled heads, even before the electrical wiring. In the following commissioning, the application of operating voltage (for more than 6 minutes) causes the automatic triggering of the "first open" operation and the actuator is thus ready for operation.

According to the operating voltage applied, the valve silently opens thanks to the lifting of the wax element. The actuator TE 3020 reaches its maximum stroke with operating voltages above 10 V.

INSTALLATION POSITION



HORIZONTAL

"UPSIDE DOWN"

The actuator can be installed in any position, however the recommended positions are vertical and horizontal. The "upside down" position in some circumstances, e.g. dripping, could reduce the life of the device.

5 ELECTRICAL AND ELECTRONIC ACCESSORIES

ACTUATOR FOR ROOM TEMPERATURE CONTROL



TE 3020 Actuator for room temperature control. Thermoelectric head 0-10 Volt.

CODE	SIZE	А	В	С	D	Е	F	G	н	L	g	\supset	
69011420	M30x1,5	51.1	7	61.5	44.3	53	-	-	-	-	150	1	-

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GENERAL CONDITIONS OF SALE

1 PREMISES - 1.1 The present conditions of sale apply to all supplies of Luxor Spa Products (hereafter "Luxor"). Any general conditions, and in particular the conditions of purchase of the Buyer (hereafter "Customer"), unless expressly accepted in writing by Luxor, shall not bind the latter nor exempt the Customer from the application of the present General Conditions (hereafter GSC)

2. ORDERS - 2.1 The Purchase Orders (referred to as 'Orders') are an irrevocable purchase proposal. By placing an Order, customers fully accept the present General Conditions of Sale.

2.2 Orders are considered accepted only after Luxor confirms them in writing. The Order confirmation and/or Invoice issued by Luxor will be considered as confirmation.

2.3 Any changes to the Order requested by the Customer after the sending of the Order Confirmation will only be valid and enforceable after written acceptance by Luxor. Cancellation or modification of Orders without the prior written consent of Luxor, will give Luxor the right to act to obtain reimbursement of the costs incurred, without prejudice to the right to compensation for greater damages.

3 PRICES - 3.1 Luxor products will be invoiced based on the current price list at the time the order is accepted. Prices do not include VAT or any other taxes.

3.2 Prices listed in sales catalogues/lists are merely indicative and may be subject to change due to production cost increases. In such cases, Luxor will inform the purchaser of the price increase and provide the reasons.

4 DELIVERY TERMS - 4.1 The supplies in each individual Order will be delivered within the stated terms in the Order Confirmation.

4.2 Luxor will not be held responsible for delays in delivery that are not caused by Luxor, such as delays by third parties, including suppliers and sub-suppliers, shippers, and causes of force majeure that result in total or partial inactivity of the plants. In the cases mentioned above, the Customer cannot refuse delivery of the goods, even if it is only partial, nor can they use a delay in delivery as a reason to terminate the contract or claim damages.

5 SHIPMENTS - 5.1 The products will be delivered to the 'Assigned Port' (Incoterms 2020 EXW), with transport costs and risks borne by the buyer, unless otherwise agreed.

5.2 Even in the case of agreed delivery in "Free Port" (Incoterms 2020 DDP) with costs borne by Luxor, the goods will still travel at the buyer's risk. Regardless of the delivery terms agreed upon by the parties, the risks will pass to the buyer at the latest with delivery to the first carrier.

5.3 The transfer of ownership of the goods is suspended until the full price has been paid, but this does not affect the transfer of risk to the purchaser.

5.4 If special packaging is required, an additional charge as indicated in the price list or order confirmation will be added to the invoice.

6 PAYMENTS - 6.1 Payments are due as per the terms and manner specified in the order confirmation and/or invoice.

6.2 Unless otherwise expressly agreed, payments must be made to the bank details mentioned in the sales invoice. For payments made from abroad via bank transfer, the OUR option must be selected to ensure that Luxor receives the net amount on the invoice after deducting bank charges and expenses. Luxor does not authorize any third parties, including agents and representatives, to collect money on its behalf.

6.3 The Customer is not permitted to suspend or delay payments, even in the event of claims or complaints of defects, and must adhere to the agreed terms.

6.4 In case of payment interruption or suspension, the Customer will be considered in default. Luxor reserves the right to charge expenses and interest as per Art. 5 and 6 of D.Lgs n. 192/2012, without prejudice to the right to terminate the contract. Delayed payment may also result in Luxor excluding the guarantee for the entire period of delay.

6.5 If the Customer fails to adhere to the agreed payment terms, or interrupts or suspends payment, Luxor reserves the right to suspend any ongoing supplies and/or make the execution of the current order conditional on the payment of the outstanding debt. Luxor may also withdraw from any further contracts with the Customer and cancel any previously granted favourable conditions, such as discounts or free gifts.

6.6 The Customer is not permitted to offset any claims they may have against Luxor with debts they owe to Luxor, unless formally authorised by Luxor

7 EXPRESS TERMINATION CLAUSE - 7.1 Luxor may terminate the contract immediately if the Customer is undergoing bankruptcy or liquidation proceedings, as well as in the event that the Customer is subject to execution proceedings and/or protests and the economic conditions suggest the purchaser is insolvent.

8 WARRANTY - 8.1 Luxor guarantees the conformity of the products supplied, free from defects that could make them unsuitable for their intended use. The guarantee may be invoked if the defect is due to

manufacturing errors or defects in raw materials that are the responsibility of Luxor.

8.2 Unless otherwise expressly agreed, the guarantee lasts for one (1) year from the date of delivery. The Customer must make a written complaint within eight (8) days from delivery in the case of apparent defects, or, in the case of hidden defects, from the time of discovery and in any event not later than twelve (12) months from delivery.

8.3 In the event of non-conforming products, Luxor may, at its discretion, provide the Buyer with replacement products of the same type and quantity free of charge ex works, after verifying the returned products. Any return must always be previously agreed and authorised by Luxor. The goods in question must be returned 'carriage paid' along with a note explaining the reason for the return within 30 days of Luxor's approval. Failure to do so will result in the authorization becoming invalid.

8.4 If Luxor does not recognize the defective products upon verification, it will invoice those sent as replacements. If Luxor does not recognize the defective products upon verification, they will invoice the replacements. If Luxor is unable to replace defective products, they may issue a credit note to the customer for the value of the defective products. This does not imply any responsibility on Luxor for direct, indirect, or consequential damages resulting from or connected to the defects or faults of the products.

8.5 It is important to note that this guarantee does not cover instances where the product has been installed, used or maintained in a manner that is contrary to the instructions and warnings provided in the installation, use, and maintenance manuals that were included with the product. Additionally, any installation or repair work should only be carried out by qualified personnel.

8.6 The guarantee will not apply if the Purchaser breaches their contractual obligations.

8.7 This warranty is the only warranty and replaces any other written, oral or implied warranties. By accepting these General Terms and Conditions, the Purchaser expressly waives any right of recourse arising from the sale and/or installation of the Products to a non-professional consumer.

9. RESERVATION OF PROPERTY 9.1 The sale of Luxor S.p. A's Products is carried out under reservation of ownership. Therefore the products will remain the property of Luxor S.p.A. until the full payment of the price by the buyer.

10 TRANSFER OF THE CONTRACT 10.1 It is forbidden to transfer the Contract and/or any interest, right and obligation connected to it to third parties without specific written approval by Luxor.

11 PRIVACY - 11.1 The Customer confirms that they have read the information regarding the processing of their personal data, as required by Articles 13 and 14 of Regulation (EU) 2016/679 (GDPR) as amended. The information can be found at https://luxor.it/privacy-policy. By accepting these GTC, the Customer consents to the processing of their personal data.

11.2 Luxor will process the personal data provided by the Customer, including through external parties, to fulfil legal obligations and carry out administrative and commercial tasks related to the contractual relationship.

12 APPLICABLE LAW AND COURT OF JURISDICTION - 12.1 Contract is governed by Italian law. Anything not expressly governed by these GVCs shall be governed by the rules on sale provided for in articles 1470 et seq. of the Italian Civil Code.

12.2 The Parties expressly exclude the application of the Vienna Convention on Contracts for the International Sale of Goods. Any disputes related to the Contract, including those regarding its validity, interpretation, execution, and termination, must be referred exclusively to the Court of Brescia.

12.3 Luxor reserves the right to take legal action at the competent court of the Customer's location to recover any outstanding debts. The local law will apply in this case.

13 FINAL CLAUSES - 13.1 The possible nullity and/or ineffectiveness of one or more provisions of these GTC shall not affect the validity of the Contract as a whole.

13.2 Any amendment to the Contract shall be valid only if made in writing and signed by authorised representatives of both Parties.

The customer acknowledges that they are not a 'consumer' and therefore the provisions of law relating to relations between entrepreneurs and consumers do not apply. The customer declares that they have paid particular attention to the following clauses: Introduction (11), Orders (2.1-2.3), Prices (3.2), Delivery Terms (4.1-4.2), Shipping (5.1-5.3), and 6. The following sections require approval: Payments (6.2 - 6.3 - 6.4 - 6.5 - 6.6); 7 Express Termination Clause (7.1); 8. Warranty (8.1 - 8.2 - 8.3 - 8.4 - 8.5 - 8.6 - 8.7); 9. Retention of Title (9.1); 10. Applicable Law and Jurisdiction (12.1 - 12.2 - 12.3); 13 Final Clauses (13.1 - 13.2), and they are to be specifically approved.

These general terms and conditions are published on LUXOR's website (https://luxor.it/) where they may be consulted, thereby taking full and proper cognisance thereof, pursuant to and for the purposes of Articles 1341 and 1342 of the Civil Code.