

ENGLISH (Translated from Italian)	
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2	MACHINE AND MANUFACTURER IDENTIFICATION

CODE PRODUCT	PIUSI SPA SUZZARA (MI) ITALY	YEAR OF MANUFACTURE
MODEL	FO0203090	YEAR 2022
TECHNICAL DATA	120V/230V 50/60Hz 2MT. CABLE 1.5/2.5 A	MADE IN ITALY
AVAILABLE MODELS	120V - 230 V AC	
MANUFACTURER	PIUSI S.p.A. Via Pacinotti 16/A - Z.I. Rangavino - 46029 Suzzara (MN) Italy	

3	FACSIMILE COPY OF EU DECLARATION OF CONFORMITY
The undersigned	PIUSI S.p.A. Via Pacinotti 16/A zi. Rangavino - 46029 Suzzara - Mantova - Italy
HEREBY STATES	under its own responsibility that the equipment described below: Description: Dispenser Pump for the transfer of Ad-Blue® - Aus32/Aus40 - Water - Antifreeze Model: Diaphragm pump Serial number: refer to Lot Number shown on CE plate affixed to product Year of manufacture: refer to the year of production shown on the CE plate affixed to the product complies with the following legislation: - Machinery Regulations - Electromagnetic compatibility The technical file is at the disposal of the competent authority following motivated request at PIUSI S.p.A. or following request sent to the e-mail address: doc.tec@piusi.com.
THE ORIGINAL DECLARATION OF CONFORMITY IS PROVIDED SEPARATELY WITH THE PRODUCT	

4	MACHINE DESCRIPTION
PUMP MOTOR	Five-chamber positive-displacement diaphragm pump Brush motor, DC, low tension with intermittent cycle, closed type in protection class IP55 according to CEI-EN 60034-3.
4.1 HANDLING AND TRANSPORT	Foreword Due to the limited weight and dimensions of the pumps, special lifting equipment is not required to handle them. The pumps are carefully packed before dispatch. Check the packing when receiving the material and store in a dry place. The pump is equipped comes packed suitably for shipment. On the packaging a label shows the following product information:
PACKAGING	- name - code - weight

MODEL	WEIGHT (Kg)	PACKAGING DIMENSION (mm)
SUZZARABLU PUMP 230V/50Hz	7	350 x 180 x 280

5	GENERAL WARNINGS
Warnings	To ensure operator safety and to protect the dispensing system from potential damage, workers must be fully acquainted with this instruction manual before attempting to operate the dispensing system.
Symbols used in the manual	The following symbols will be used throughout the manual to highlight safety information and precautions of particular importance. ATTENTION This symbol indicates safe working practices for operators and/or potentially exposed persons. WARNING This symbol indicates that there is risk of damage to the equipment and/or its components. NOTE This symbol indicates useful information.
Manual preservation	This manual should be complete and legible throughout. It should remain available to end users and specialist installation and maintenance technicians for consultation at any time.
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6	SAFETY INSTRUCTIONS
ATTENTION	You must avoid any contact between the electrical power supply and the fluid that needs to be FILTERED.
Maintenance control	Before any checks or maintenance work are carried out, disconnect the power source.
FIRE AND EXPLOSION	To help prevent fire and explosion: Use equipment only in well ventilated area. Keep work area free of debris, including rags and spilled or open containers of solvent and gasoline. Do not plug or unplug power cords or turn lights on or off when flammable fumes are present. Ground all equipment in the work area. Stop operation immediately if static sparking occurs or if you feel a shock. Do not use equipment until you identify and correct the problem.
ELECTRIC SHOCK	This device must be grounded. Improper grounding setup or usage of the system can cause electric shock. Turn off and disconnect power cord before servicing equipment. Connect only to a grounded electrical outlets. Ensure ground prongs are intact on power and extension cords. Outdoors, use only extensions suitable for the specific use, in accordance with the regulations in force. The connection between plug and socket must remain away from water. Never touch the electric plug of socket with wet hands. Do not turn the device on if the power connection cord or other important parts of the apparatus are damaged, such as the inlet outlet plumbing, dispensing nozzle or safety devices. Replace damaged components before operation. For safety reasons, we recommend that, in principle, the equipment be used only with a earth-leakage circuit breaker (max 30 mA). Electrical connections must use ground fault circuit interrupter (GFCI).
EQUIPMENT MISUSE	Do not operate the unit when fatigued or under the influence of drugs or alcohol. Do not leave the work area while equipment is energized or under pressure. Turn off all equipment when equipment is not in use. Do not alter or modify equipment. Alterations or modifications may void agency approvals and create safety hazards. Route hoses and cables away from traffic areas, sharp edges, moving parts, and hot surfaces. Do not kink or over bend hoses or use hoses to pull equipment. Keep children and animals away from work area. Comply with all applicable safety regulations. To avoid severe burns do not touch hot fluid or equipment.
Burn Hazard	Equipment surfaces and fluid that is heated can become very hot during operation
Toxic Fluid or Fumes Hazard	Read MSDS's to know the specific hazards of the fluids you are using. Store hazardous fluid in approved containers, and dispose of it according to applicable guidelines. Prolonged contact with the treated product may cause skin irritation; always wear protective gloves during dispensing.
7	FIRST AID RULES
Contact with the product	In the event of problems developing following EYE/SKIN CONTACT, INHALATION or INGESTION of the treated product, please refer to the SAFETY DATA SHEET Aus32/Aus40/DEF/Ad-Blue®/Antifreeze. Disconnect the power source, or use a dry insulator to protect yourself while you move the injured person away from any electrical conductor. Avoid touching the injured person with your bare hands until he is far away from any conductor. Immediately call for help from qualified and trained personnel. Do not operate switches with wet hands.
NOTE	Please refer to the safety data sheet for the product
8	GENERAL SAFETY RULES
Essential protective equipment characteristics	Wear protective equipment that is: • suited to the operations that need to be performed; • resistant to cleaning products.
Personal protective equipment that must be worn	safety shoes; close-fitting clothing; protection gloves; safety goggles; instructions manual
Protective gloves	Prolonged contact with the treated product may cause skin irritation; always wear protective gloves during dispensing.
9	TECHNICAL DATA
9.1 PERFORMANCE SPECIFICATIONS	The performance diagram shows flow rate as a function of back pressure.
Functioning Point	Flow Rate Voltage (V) Absorption (A) No. 4 metres of 3/4" pipe K24 Meter Manual nozzle Automatic Dispensing Nozzle
A (Maximum flow rate)	28 120 3.1
B (High flow rate)	32 230 1.2
C (Normal conditions)	27 120 3.2
D (By pass)	31 230 1.3
	25 120 3.3
	29 230 1.3
	0 120 3.3
	0 230 1.3
	Delivery closed



