

26

ADVANCE

Easy Moving

ASSEMBLY, USE AND MAINTENANCE MANUAL

SYSTEM

FIRE POD

UNIVERSAL





INSTRUCTION MANUAL

- Type: Supply system for solid fuel fireplaces
- Model: FIREPOD universal
- Revision 1.0.2

System

FIREPOD universal INDEX

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1 INTRODUCTION

Dear Customer,

We would like to thank you for choosing to purchase an our product, the technical characteristics of which are certain to satisfy your needs.

Our products have been designed and built according to current regulations, having chosen the best materials in order to obtain a user friendly and highly durable product.

We therefore ask you to read this manual carefully, completely and to meticulously follow the instructions contained herein.

1.1 Using the manual

This manual is a document prepared by the manufacturer and is an integral part of the product: it combines the norms of the sector of application and the general rules concerning the safety of people, objects and animals.

In the event that the product is resold, given, rented or passed over to others, it must always be accompanied by this manual; it is therefore recommended to use it and keep it carefully for the entire operating life of the product.

The main objective of this manual is to familiarise the product and its correct, safe use.

No part of this manual may be reproduced or copied without the written authorisation of the manufacturer.

The manufacturer reserves the right to make improvements and modifications to this manual and to the product itself without having the obligation to notify third parties in advance.

2 WARNINGS

- Do not use the product for improper uses.
- This product must not be used by children or persons without the appropriate knowledge.
- Only use original spare parts.
- In order to be able to operate the product easily, it must be installed leaving a space around it completely free of any obstructions.
- This product can be installed on pneumatic conveying systems for granular fuels derived from biomass for other uses ask your seller for advice.
- Before first ignition, check that it is carefully installed.
- Never use the structure of the product as a supporting or fixing element for any other support or equipment.
- It is essential to ventilate the room where the product is installed when loading fuel into the tank.
- Remove the inspection doors only to carry out repairs and maintenance after disconnecting the power supply.
- The manufacturer disclaims all liability or warranty if the purchaser or anyone on his behalf makes any changes or adjustments, however slight, to the product purchased.

3 PRODUCT DIMENSIONS AND TECHNICAL DATA

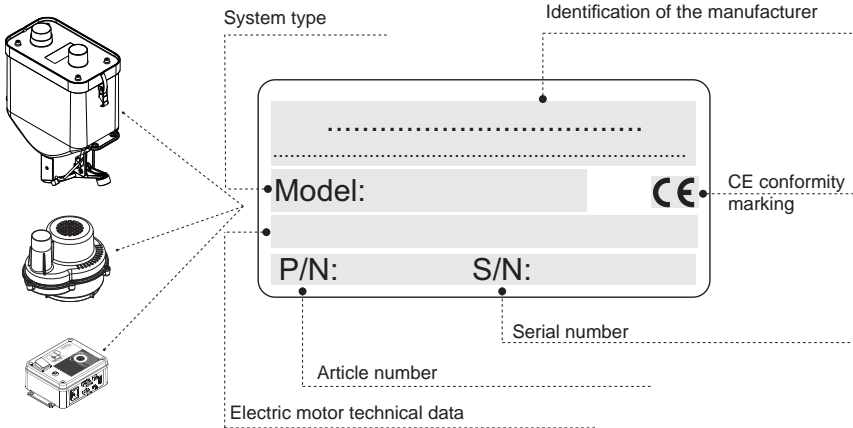
English

Firepod		
Model Item		FIRE POD
		AP3400.00.20
Attachments	Ø mm	45
Electric motor protection level	IP	20
Level of electrical protection control panel	IP	40
Level of electrical protection suction inlet	IP	40
Operating temperature min/max	°C	0 ÷ 50
Min/max humidity level	%	30 ÷ 95
Supply	V ac	230
Frequency	Hz	50
Motor power	kW	1,35
Absorption	A	5,8
Thermal circuit breaker	A	8
Max dosing capacity	l	6
dispenser tank weight	kg	2,2
Control panel weight	kg	0,45
Motor weight	kg	1,8
Motor plate weight	kg	0,55
Weight of complete suction inlet	kg	0,15
Weight of antistatic hose	kg/m	0,35
Weight of connection cables	kg/m	0,15
Noise	dB(A)	< 70

N. B: Nominal noise values. The values may vary according to the environment in which the product is installed and the type of installation

3.1 Identification plate

The CE identification plate is present on each component of the system Universal.
Do not remove or damage the nameplate.



3.2 Safety symbols



DANGER FROM VOLTAGE OR ELECTRIC CURRENT

Danger of serious personal injury.

During maintenance operations, disconnect the electricity and make sure that the power supply cannot be restored.



CUTTING HAZARD

Danger of serious personal injury.

During maintenance operations, disconnect the electricity and ensure that the power supply cannot be restored.



AUTOMATIC STARTING HAZARD

Danger of serious personal injury.

During maintenance operations, disconnect the electricity and ensure that the power supply cannot be restored.



DANGER TO THE HAND FROM THE AUGER IN OPERATION

Danger of serious personal injury.

During maintenance operations, disconnect the electricity and ensure that the power supply cannot be restored.

We remind you to pay maximum attention to pictograms and danger/prohibition warnings found on various parts of the product: if not observed, it is possible to encounter unsafe situations.

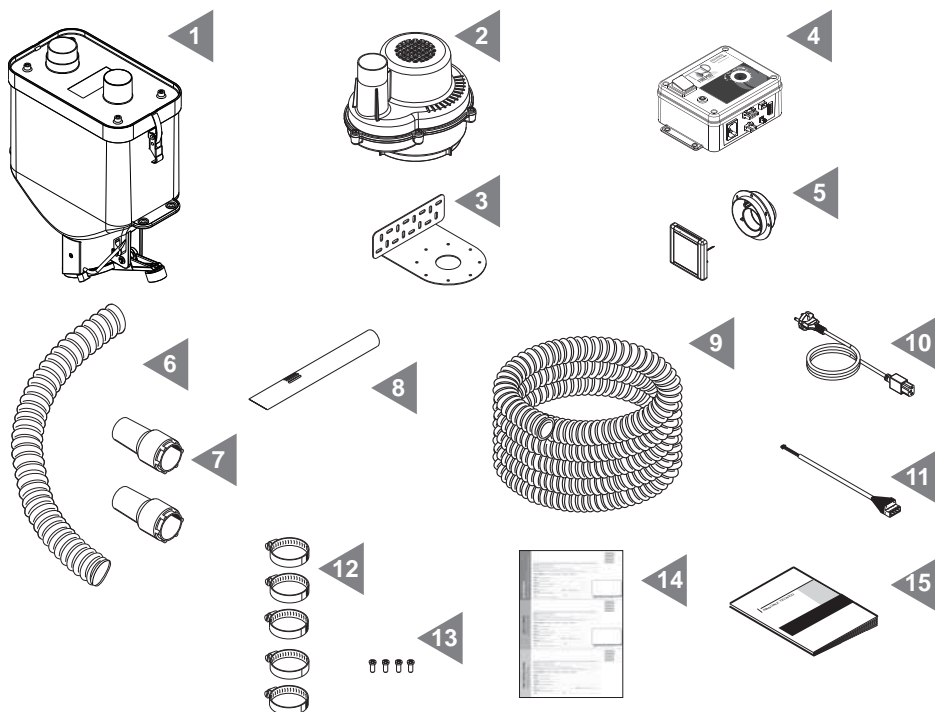
4 KIT AND ACCESSORIES

Check that the product corresponds to what was ordered and that there is no obvious damage caused by transport, otherwise notify the retailer immediately.

After opening the packaging, check that the material contained in the package is conforms to the list below:

English

- 1) 1 x rectangular dispenser tank
- 2) 1 x motor
- 3) 1 x motor fixing plate
- 4) 1 x control panel
- 5) 1 x complete suction inlet
- 6) 1 x flexible pipe 1,5 meters
- 7) 2 x fittings for flexible pipe
- 8) 1 x metal lance
- 9) 1 skein 6 meters antistatic flexible P.U.
- 10) 1 x cable for control panel power supply
- 11) 1 x cable for suction inlet-control panel connection
- 12) 5 x metal hose clamps
- 13) 4 x TCC5x12SP screws for fixing the motor / plate
- 14) 1 x guarantee form
- 15) 1 x assembly, use and maintenance manual



5 INSTALLER'S RESPONSIBILITIES

To ensure proper operation of the product, follow these guidelines:

- Only perform the activities described in these instructions
- Perform all activities in accordance with applicable regulations
- Explain to the user the operation and use of the product
- Explain to the user how to maintain the product
- Report to the user the potential dangers related to the use of the product

6 INTENDED USE OF THE SYSTEM

The system is a system that fills the fuel tanks of pellet operated fireplaces, thermo-fireplaces, inserts, stoves, etc.

It can also transport other granular fuels, obtained from biomass such as pomace, corn, shredded dried fruit shells, etc.

The system achieves maximum performance when used for EN-plus A1 certified pellets.

The system sucks the pellets directly from rigid containers or bags, using the lance supplied and deposits it in the stove tank automatically. It stops by itself when the fuel inside the tank prevents the discharge door from closing. doser (see point 6.2).

Its components can also be installed inside the furnishings that integrate inserts and fireplaces aesthetically, provided they remain accessible for maintenance purposes.

The system cannot vacuum products with too fine (<2mm) or too large (> 10mm) granulometry, or excessively dusty, damp and liquid (flour, household dust, sawdust, unshredded shells, liquids, etc.)

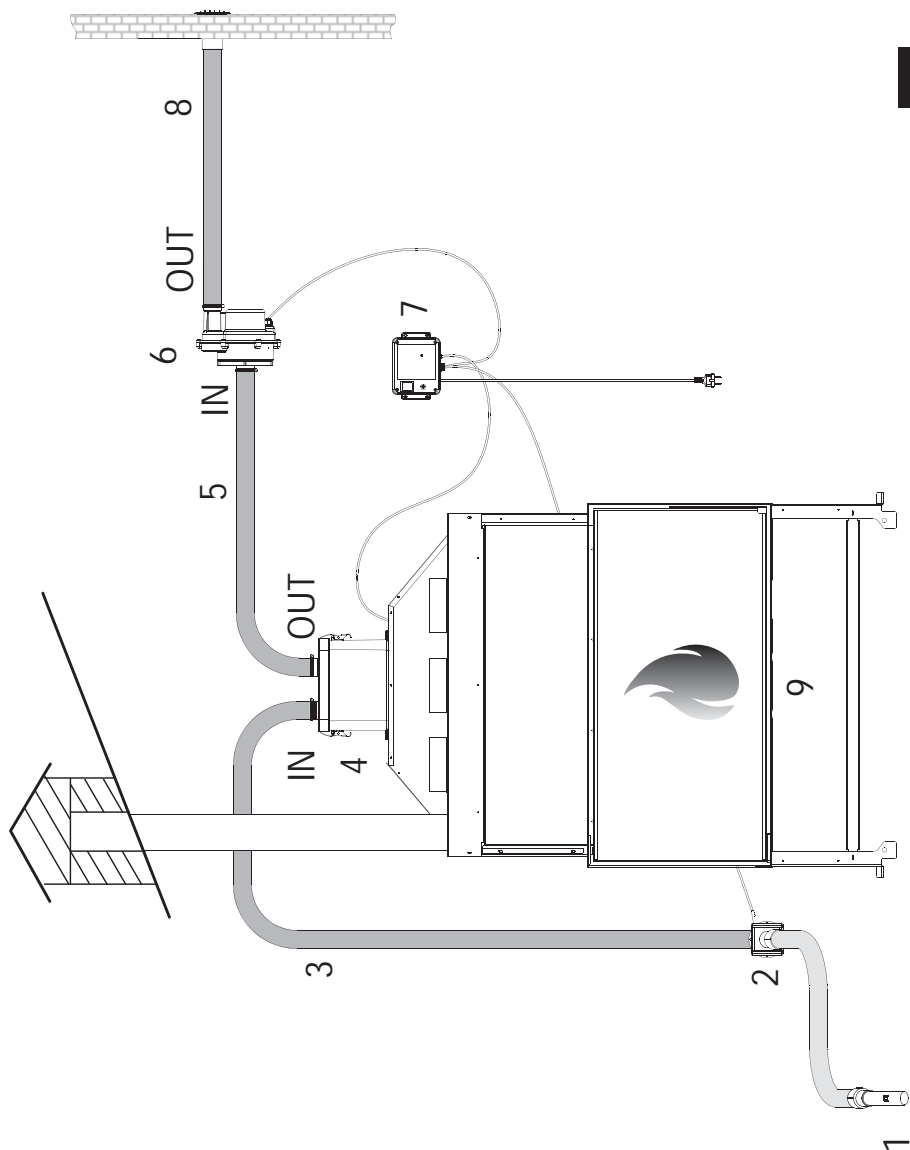
It is useful to know that any object which is sucked in could inevitably be released into the chimney tank with the associated consequences.

All the components, pipes and accessories of the system cannot be installed in extremely humid/ dusty environments or positions, those exposed to bad weather, where dripping or flooding can occur, where temperatures below 0° c or above 50° c may occur.

6.1 INSTALLATION DIAGRAM

Key:

- 1 - Fuel suction lance
- 2 - Suction inlet with backplate for wall fixing
- 3 - Fuel suction antistatic pipe Ø 45 mm
- 4 - Dispenser
- 5 - Air / dust suction antistatic flexible hose Ø 45 mm
- 6 - Motor
- 7 - Control panel
- 8 - Air / dust discharge antistatic flexible hose Ø 45 mm
- 9 - Burner



7 INSTALLATION OF THE BASIC COMPONENTS

Before commencing installation of the system, it is useful to know that some of its components require particular precautions regarding their positioning, in particular the control panel. It is essential that it is easily visible by the system user, to facilitate ignition and adjustment procedures.

The air filter (optional) must also be accessible to facilitate cleaning. The motor must be installed in a position where the surrounding air temperature does not exceed 50 ° c.

7.1 Control panel

The control panel contains all the controls and adjustments of the system. It must therefore be installed in an easily accessible position to proceed with the on / off and adjustment operations.

The adjustment of the suction cycle times takes place via the 16-position switch located on the front, which varies the cycles from 2 to 32 seconds (see figure 1)

The panel must be permanently fixed by its anchor points (see figure 2), away from sources of excessive heat and protected from water.



Figure 1

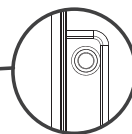
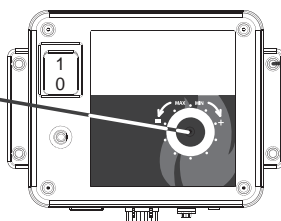


Figure 2

7.2 Dispenser tank

The dispenser tank must be permanently fixed by its anchor points (see figure 3), above the fuel tank, taking care that it is perfectly level. Alternatively the multiposition shelf (optional) can be used.

Where possible, the dispenser tank should be installed in a position that does not obstruct any necessary manual filling of the tank.

To facilitate the complete filling of the tank, it is advisable that the lower discharge door of the dispenser tank is positioned at the same level as the mouth of the tank but never higher than this (see figure 4). It is equally possible to install the dispenser tank with the lower discharge door positioned inside the tank itself.

However, it is essential that the dispenser tank unit discharge door is positioned in such a way that when the tank is full of fuel it cannot close by itself.

This way you can ensure that the filling of the tank stops automatically.



Figure 3



Figure 4

Before proceeding with the final fixing of the dispenser tank, make sure that it is easy to open its upper cover by means of the two hooks, to facilitate access to its interior for any maintenance. Also check that the lower discharge door of the dispenser tank can be completely opened and closed without impact on the tank walls.

7.3 Installation of the dispenser on tanks and compartments with controlled pressure

It is important to remember that pneumatic conveying systems work by modifying the state of pressures present in the various components of the system itself: in this case, during the operation of our systems, inside the dispenser there can be a pressure varying between about -0,080 to -0,24 bar (-1,16 to -3,48 psi).

Particularly during the operating phases of the plant, due to the features of the dispenser, a slight extraction of air from the fuel discharge point may take place.

These suction, due to small particles of dust that prevent the perfect sealing between the discharge outlet and the rubber plate, do not compromise the proper functioning of the transport system, instead they could change the internal pressure of the tank or that of the compartment where the chimney is installed, compromising its safety.

It is possible to solve this problem mainly by programming the working time of the fuel transfer system only when:

- A) The brazier of the boiler is switched off and cold
- B) The loading door of the tank is open and there is an air inlet between the closing compartment of the chimney and the outside;
- C) The communication channel between the fuel tank and the boiler brazier is completely closed;
- D) the exhaust fan of the chimney works at maximum power;
- E) On the boiler tank is present an electrical valve, with proper dimensions, connected to the fuel feeding transport system, which allows an easy compensation of the air sucked.

7.4 Motor

The motor must be installed using the supplied mounting plate (see figure 5), it must be fixed to a robust support, in an accessible position for any maintenance, away from sources of excessive heat and protected from water.

The ventilation grilles, visible on its casing, must always remain completely free from dust and / or foreign objects (see figure 6)



Figure 5

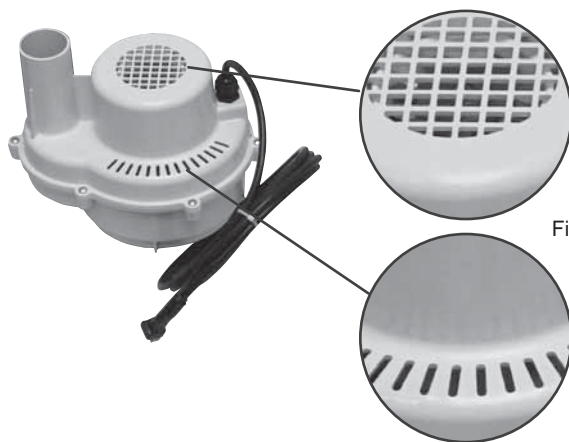


Figure 6

7.5 Suction inlet

The suction inlet is designed to be positioned on a masonry or plasterboard wall and is composed of:

- the mounting plate, to be applied in the masonry or to be fixed firmly on the back of the plasterboard wall (see figure 7).
- the inlet with flap, which after the wall remedial work must be screwed to the mounting plate and will remain visible (see figure 8).

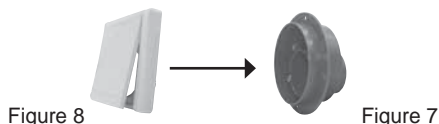


Figure 8

Figure 7

The flexible hose with lance must be connected to the suction inlet every time the fuel suction operation is performed.

This inlet must be installed firmly.

It is recommended to place it in an area near the fireplace. For ergonomic comfort it is recommended to place it at a height between 40 and 70 cm from the ground.

In the suction inlet there is a red LED to signal low fuel level in the tank. The LED is only operational if a minimum level sensor is installed in the fireplace tank (optional).

7.6 Antistatic flexible piping Ø 45 mm

The pipe supplied with the system is flexible (see figure 24), made of thick polyurethane and is equipped with a copper strand. It should be cut to size, to connect the various components of the system.

The maximum recommended lengths for connecting the various system components are as follows:

- 2.5 meters from the suction inlet to the dispenser tank (max 3.30 m)
- 2 meters from the doser to the motor (max 3 m)
- 1.5 meters from the motor to the air discharge point (max 2.30 m)

To obtain the maximum efficiency of the system, it is however advisable that the sum of the lengths of the pipes does not exceed 9 meters, and in particular that the length of the fuel pipe between the suction inlet and the dispenser tank must be as short as possible.

Air can be discharged directly to the outside, with or without the use of the silencer (optional see figure 9), or internally by connecting to a dust filter (optional see figure 10)



Figure 9



Figure 10

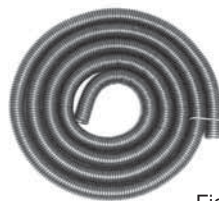


Figure 24

In the event of external expulsion, the section of air discharge pipe can be a maximum length of 5 meters, but only when using pipes of Ø 50 mm or more.

All sections of the pipe must be connected to the components and fixed using the hose clamps supplied for maximum air tightness.

Using the copper filament inside it, each section of pipe must be connected to an grounding point of the electrical system, to ensure the dispersion of static charges (see figure 11).

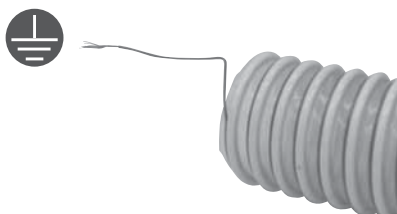


Figure 11

7.7 Flexible pipe with suction lance

This 1.5 meter pipe must be assembled by screwing in the rubber fitting that will support the steel lance to one end (see figure 12)

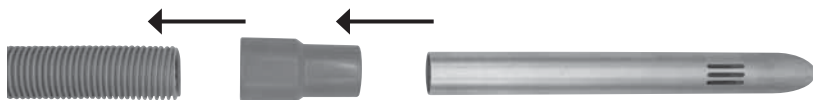


Figure 12

on the other end, screwing in the fitting that will be used for the connection in the suction inlet (see figure 13).

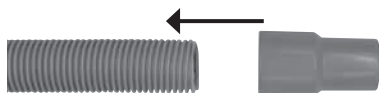


Figure 13

The hose will only be connected to the suction socket before each loading operation and disconnected once completed (see figure 14).



Figure 14

7.8 Electrical connection cables

The electric cables supplied are all equipped with different wiring to avoid positioning errors. The cables allow the connection of power supply to the control panel (see figure 15) and the connection of the suction inlet to the control panel (see figure 16).

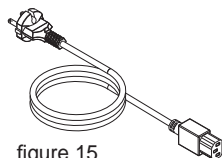


figure 15

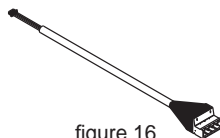


figure 16

The other components of the system are already equipped with a cable with relevant wiring to be connected to the control panel using the corresponding socket (see figure 17 - 18).



Figure 17



Figure 18

8 ACCESSORIES - OPTIONAL

8.1 Minimum level sensor for tank

The minimum level of the tank can be monitored by a sensor equipped with a cable for connection to the control panel.

By installing the sensor in the appropriate position inside the tank (see figure 19)

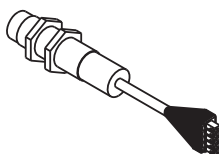


Figure 19

and connecting it to the control panel, the LED function on the suction inlet will automatically be activated (see figure 20), the red LED lights up to indicate that the minimum fuel level in the tank has been reached.

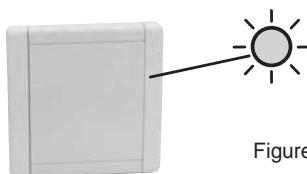


Figure 20

8.2 Air exhaust silencer

The silencer has the task of damping the noise caused by the expulsion of air. If it is conveyed as it is towards the outside, it must be connected to the end of the air discharge pipe just before the expulsion outlet (see figure 21)

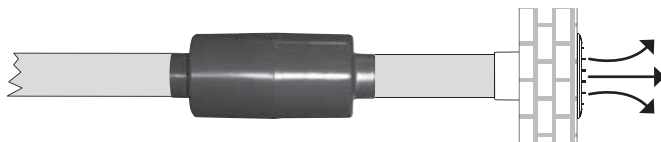


Figure 21

8.3 Dust separator filters

The dust filters have the task of filtering dust filled air expelled during the operating phases of the system.

The expelled air will therefore be clean and free of dust particles, making this accessory suitable for releasing air in an indoor environment.

A filter has a fixed wall mounting (see figure 22) and another smaller, lighter model with handles and feet, (see figure 23) can be positioned more easily on the ground or on a shelf, also just during loading operations.



Figure 22



Figure 23

8.4 Antistatic PU flexible hose Ø 45 mm

The 6 m length hose (see figure 24)



Figure 24

it can be useful if the distances to be covered between the various components of the system are greater than the standard. **However the length limits allowed for the various sections must always be respected (see point 6.5).**

8.5 Sleeve Ø 45 mm for joints

This rubber sleeve with steel shell is used to make joints of the antistatic flexible piping Ø 45 mm and includes 1 rubber sleeve, 1 steel band with clamping screws, 1 electrostatic continuity plate.

8.6 Adjustable shelf for rectangular dispenser tank

The pair of shelves is suitable for easy dispenser tank mounting above the tank loading mouth, allowing a series of adjustments that permit the dispenser tank to be positioned level and correctly (see figure 25)

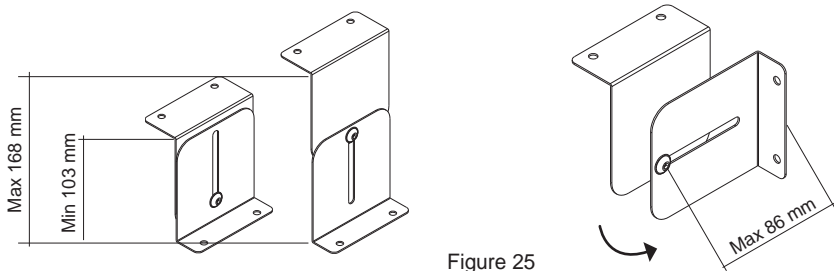


Figure 25

8.7 Electrical wiring extensions

The extension cables are supplied with the relevant connectors to extend the wiring from the motor to the control panel (3 m) from the metering unit to the control panel (3 m) and from the minimum level sensor (optional) to the control panel (4 m).

9 PIPES CONNECTIONS

For the component connections, the system includes a skein of antistatic polyurethane hose, equipped with a rib and a grounding copper cord.

The different hose sections are shown in the diagram in paragraph 6.1 of this manual, and are:

- a section from the vacuum socket to the IN connector of the dosing unit
- a section from the OUT connector of the dosing unit to the IN connector of the motor
- a section from the OUT connector of the motor to the dust filter or to the outside

Maximum lengths and tolerances allowed for hoses:

-vacuum socket - dosing unit section	m 2.5	+ max 30%
-dosing unit - motor section	m 2	+ max 50%
-motor - air exhaust section	m 1.5	+ max 50%

To maximise system efficiency, however, the total length of the hoses should never exceed **9 metres**; the length of the hose conveying the fuel from the vacuum socket to the dosing unit, in particular, should never exceed **3.6 m**.

It is important that all hose connection points are fastened with steel hose clamps, and that there are no cracks or air leaks. Any junctions must be made using the specially designed rubber sleeves (optional). The different hose sections must be firmly fastened to a wall or to a stable surface, and must have no dips or excessive bends. Any bends must have a minimum radius of **50 cm**.

Keep the hoses away from heat sources like funnels, combustion chambers, air/flue heat exchangers.

All hose sections must be connected to an electrical system grounding point, through the copper filament they contain.

10 ELECTRICAL WIRING

The control panel is equipped with a cable which guarantees the power supply to the entire system. In the control panel there are also connectors for the other components of the system to be made using the cables supplied. To avoid incorrect connections, each cable has a unique connector (see figure 26).

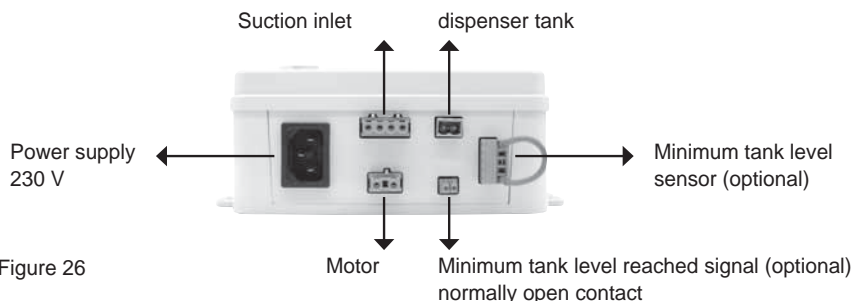


Figure 26

Then connect the cables to the respective control panel connectors, avoiding their passage near sources of excessive heat such as chimneys, combustion chambers, exchangers, etc. Then mount the cables on fixed supports to avoid unwanted movement.

11 SUMMARY OF THE INSTALLATION PHASES

- a) mount the components in suitable positions (see point 6)
- b) connect the components with the pipes supplied (see point 7)
- c) connect the components with the electrical cables supplied (see point 8)
- d) connect the pipes to an electrical system grounding point
- e) proceed to point 11 for the first start up

12 FIRST START-UP AND COMMISSIONING

Check that the operations listed in the previous points have been carried out correctly.

Before connecting to the electrical network, check that the voltage supply corresponds to the required voltage and that the electrical system is built in compliance with current regulations.

Connect the control panel power supply cable to a power outlet, set the 0-1 switch on the control panel to 1 and check that the switch lights up, open the suction inlet flap and insert the flexible pipe equipped with lance.

The system will now start operating with 2-second suction cycles and short, consecutive, repetitive shutdowns (the shutdown phases allow the fuel to be discharged from the metering unit into the tank).

After a few empty cycles you can start sucking the fuel by placing the lance on the fuel. At this point in each suction cycle a small amount of fuel will be transported to the doser which in turn will fall into the tank.

The optimum suction cycle time is that which allows enough fuel to flow up to the doser, occupying about half of its volume (optimal times vary between 10 and 16 seconds on average)

Now check that the duration of each suction cycle is long enough to fill the dispenser tank with the right amount of fuel, at least up to half of its internal volume.

To make this check at the end of a suction cycle, keep the outlet door closed after completing a cycle and turn off the system, then open the lid of the dispenser tank and check the contents.

Now use the trimmer located in the center of the control panel to change the time of the suction cycles, at each click the time of the suction cycle changes by 2 seconds. Turning it clockwise with a small screwdriver will lengthen the time and bring more fuel in the metering unit, vice versa, turning it anticlockwise with each click, the time will shorten by 2 seconds and less fuel will be brought into the metering unit.

There are 16 trimmer positions and they regulate the time of the suction cycles from 2 to 32 seconds. The 0 seconds position is not present.

To completely fill the tank, continue holding the lance on the bulk fuel, until the operating cycles stop automatically on their own.

The operating cycles cease when there is such a quantity of fuel in the tank that the lower door of the dispenser tank is not closed.

At the end of the operation, always disconnect the flexible hose from the wall inlet and make sure that the inlet flap closes properly.

13 CORRECT USE OF THE SYSTEM

When you want to fill the tank, proceed as follows:

- a) set the illuminated switch on the control panel to 1 and check that the switch lights up
- b) open the suction inlet flap and insert the flexible hose equipped with a lance
- c) when the system starts the suction cycles, position the lance in the bag or in any other container of the fuel to be aspirated. The suction lance must never be completely immersed in the fuel to be sucked, the fluidization grille placed in the front of the lance must always be left free to suck air (see figure 27)



Figure 27

- d) topping up can be interrupted at any time simply by lifting the lance from the fuel and extracting the flexible pipe from the suction inlet. Regardless, when the tank is full, the suction cycles are interrupted automatically.
- e) at the end of the operation, disconnect the flexible pipe from the suction inlet and make sure that the inlet flap is properly closed. In this way the system stops functioning.
- f) if you do not intend to use the system for a long period, set the illuminated switch on the control panel back to 0.

14 MAINTENANCE AND END OF LIFE

Good maintenance of your system will guarantee a long operating life and reduce its electricity consumption.

Always keep the dust filter bag clean where installed, replacing it when full.

Clean the lower fuel discharge flap of the metering device if dust or deposits settle on it. (see figure 28)



Figure 28

Clean the mesh filter installed inside the dispenser tank, which can be reached by opening the lid using the two hooks positioned on both sides. (see figure 29)



Figure 29

Blow the motor ventilation grids annually with low pressure compressed air to eliminate any dust deposits.

To ensure the optimum and long-lasting operation of the system, in the event of breakdowns, it is recommended to contact an authorized service center and to use only original spare parts.

14.1 End of life

The disposal of the packaging, accessories and the out-used system must be carried out according to the regulations in force locally, ensuring the recycling of the raw materials of which they are composed.



15 TROUBLESHOOTING

The suction force is reduced or zero

- there is a blockage of material in the lance holder hose or in the connection pipe between the suction inlet and the dispenser tank
- there is a split, a hole, a cut, or an air leak, in the lance holder hose, or in the connection pipe between the suction inlet and the doser, or in the connection pipe between the doser and the motor
- the air outlet is blocked
- the air filter (if installed) is blocked
- the lower dispenser tank discharge flap has remained slightly open
- the dispenser tank top lid is not closed correctly
- the mesh filter inside the dispenser tank is clogged

The system works even if the lance holder hose is not inserted in the suction socket

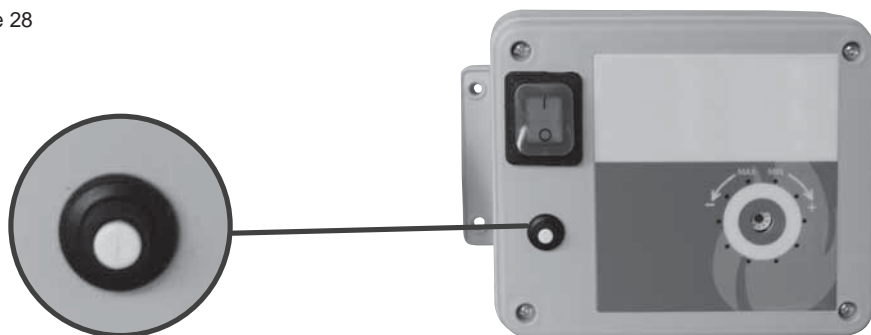
- the door of the suction socket is not perfectly closed
- the micro switch of the suction inlet does not work

Suction does not work

- the lower dispenser tank discharge flap is open
- the micro switch of the doser does not work
- the switch light 0-1 is off and therefore there is no power supply to the system
- the thermal circuit breaker has tripped

The thermal breaker 8 A (thermal switch) positioned on the control panel (see figure 28) has the task of protecting the electrical and electronic parts of the system from any current surges and short circuits. During correct operation, the circuit-breaker button will be positioned inside its seat, while in the event of protection intervention, the button will come out of its seat. The reset is done manually by pressing the button, this operation is effective only if the cause of the break has first been eliminated. If this circuit breakage occurs repeatedly, the intervention of a specialized technician is necessary to ascertain the causes.

Figure 28



16 WARRANTY

PRODUCT LIMITED WARRANTY CONDITIONS

The Manufacturer guarantees to the original purchaser the absence of defects in material and workmanship of the product for the period stated, from the date of purchase. Except as prohibited by applicable law, this warranty is non transferable and it is limited to the original purchaser. The present warranty gives the buyer specific legal rights and the possibility to claim rights which can vary under local laws.

Read all warnings and instructions before using the product purchased.

The entire liability of the manufacturer and your exclusive remedy for any breach of warranty will be at the discretion of the Manufacturer:

(1) To repair or replace the product, or (2) refund the purchase price, provided that the product has been returned to the point of purchase, or such other place as may be specified by the manufacturer, with a copy of the sales receipt or detailed and dated receipt. The shipping and handling are not free of charge, except in cases where this is prohibited by applicable law.

To repair and replace the product, the manufacturer may, at their own discretion, use new, refurbished or used parts in good working condition. Any replacement product will be warranted for the remaining time of the original warranty period, or for any period of time that complies with the provisions of the current law.

This warranty does not cover problems or damage resulting from (1) accident, abuse, misapplication, repair, alteration or unauthorized disassembly; (2) maintenance operation, use which is not in accordance with the product instructions or connection to an improper voltage supply; or (3) use of consumables and spare parts which are not supplied by the manufacturer or authorized service center.

Valid warranty claims are generally processed through the point of purchase of the product.

Please agree this detail with the retailer where you purchased the product.

The Warranty claims that cannot be processed through the point of purchase, as well as any other product related questions, should be addressed directly to the manufacturer. Addresses and contact information for customer support can be found at the our website

Except as stated by relevant laws in force, any implied warranty or condition of merchantability or suitability for a particular purpose relating to this product is limited to the duration of the Limited Warranty period for the specific product purchased.

Some jurisdictions do not allow limitations on the duration of implied warranties or the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights and you may have other rights that vary from state to state, or from jurisdiction to jurisdiction.

Consumers have legal rights under applicable national legislation governing the sale of consumer products. Such rights are not affected by the warranties in this Limited Warranty.

No dealer, agent, or employee of the manufacturer is authorized to make any modification, extension or addition to this warranty.

17 CERTIFICATION

Declaration of absence of harmful substances

The manufacturer declares that their products and equipment are made with materials compliant with the current regulations regarding protection of health and the environment and does not contain substances classified as SVHC (Substance of Very High Concern) in accordance with Regulation EC 1907/2006 (REACH, or registration, evaluation, authorization and restriction of chemical substances).

Although in the working cycles of raw materials and our products such substances are not used, their presence in the size of p.p.m. (parts per million) cannot be excluded due to micro-pollution of raw materials.

Declaration of conformity

The Manufacturer declares that its products and equipment comply with the following standards:

EN ISO 12 100:2010 (Risk Assessment Calculator)

EN ISO 14 121-1 (Safety of machinery)

The following Directives:

No 2006-42-EC

No 2014/35/EU (LVD)

No 2014/30/EU (EMC)

FIRE POD



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