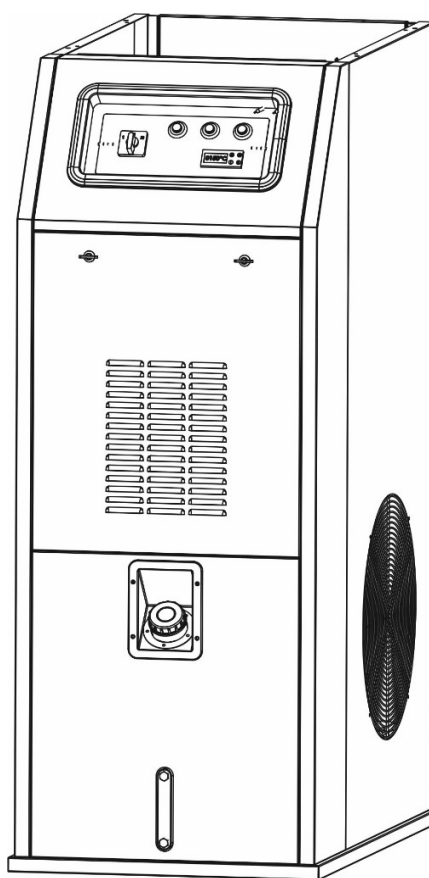


MANUALE D'USO E MANUTENZIONE  
MANUEL D'INSTRUCTIONS  
BETRIEBSANLEITUNG  
INSTRUCTIONS MANUAL  
MANUAL DE INSTRUCCIONES  
РУКОВОДСТВО ПО ЭКСПЛУАТАЦИИ И ТЕХОБСЛУЖИВАНИЮ

**IT** GENERATORE D'ARIA CALDA  
**FR** GENERATEUR D'AIR CHAUD  
**DE** WARMLUFTERZEUGER  
**EN** SPACE HEATER  
**ES** GENERADOR DE AIRE CALIENTE  
**RU** ТЕПЛОВОЙ ГЕНЕРАТОР



# CONFORT 35 – CONFORT 70 CONFORT 100

L-L 277.00-BM

1 / 44

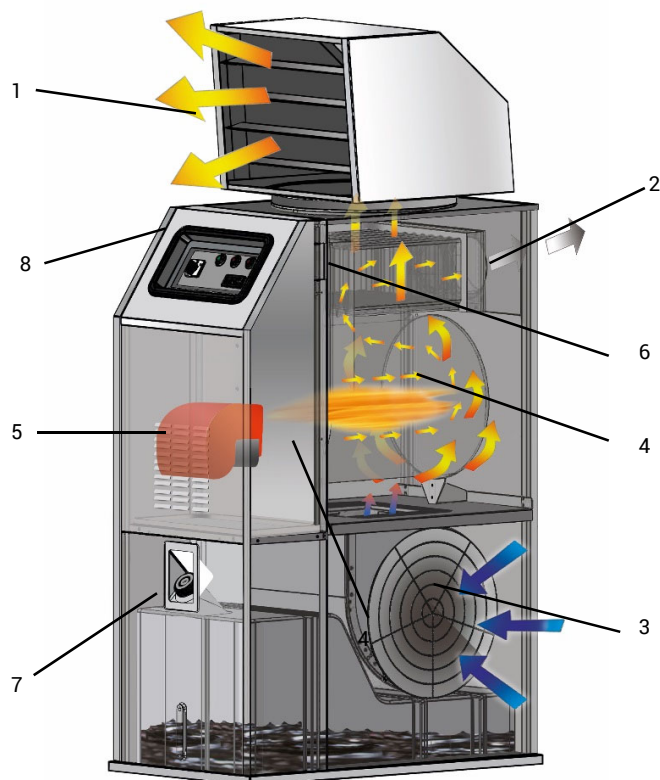
## Get In Touch

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 Email: [info@puravent.co.uk](mailto:info@puravent.co.uk)

## Our Address

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Darlington Road, Northallerton, DL6 2NQ

**ETICHETTA IDENTIFICAZIONE PRODOTTO – PLAQUETTE IDENTIFICATION PRODUIT  
SCHEMA DI FUNZIONAMENTO - SCHÉMA DE FONCTIONNEMENT - FUNKTIONSPLAN  
CONTROL BOARD - ESQUEMA DE FUNCIONAMIENTO - СХЕМА РАБОТЫ**





- |   |   |
|---|---|
| <p>1 USCITA ARIA CALDA (ACCESSORIO)<br/>SORTIE AIR CHAUD<br/>WARMLUFTAUSTRIIT<br/>HOT AIR OUTFLOW<br/>SALIDA DE AIRE CALIENTE<br/>ВЫХОД ГОРЯЧЕГО ВОЗДУХА</p>    | <p>5 BRUCIATORE<br/>BRULEUR<br/>BRENNER<br/>BURNER<br/>QUEMADOR<br/>ГОРЕЛКА</p>   |
| <p>2 CAMINO<br/>CHEMINEE<br/>SCHORNSTEIN<br/>CHIMNEY<br/>CHIMENEA<br/>ДЫМОХОД</p>   | <p>6 SCATOLA TERMOSTATI L2<br/>BOITIER THERMOSTATS L2<br/>THERMOSTATGEHÄUSE L2<br/>THERMOSTATS L2 BOX<br/>CAJA DE TERMOSTATOS L2<br/>КОРОБКА ТЕРМОВЫКЛЮЧАТЕЛЕЙ L2</p> |
| <p>3 VENTILATORE RAFFREDDAMENTO<br/>VENTILATEUR REFROIDISSEMENT<br/>KÜHLVENTILATOR<br/>COOLING FAN<br/>VENTILADOR DE ENFRIAMIENTO<br/>ВЕНТИЛЯТОР ОХЛАЖДЕНИЯ</p> | <p>7 SERBATOIO COMBUSTIBILE<br/>RÉSERVOIR COMBUSTIBLE<br/>BRENNSTOFFTANK<br/>FUEL TANK<br/>DEPOSITO DE COMBUSTIBLE<br/>ТОПЛИВНЫЙ БАК</p>                              |
| <p>4 CAMERA DI COMBUSTIONE<br/>CHAMBRE DE COMBUSTION<br/>BRENNKAMMER<br/>COMBUSTION CHAMBER<br/>CÁMARA DE COMBUSTIÓN<br/>КАМЕРА СГОРАНИЯ</p>                    | <p>8 QUADRO COMANDI<br/>TABLEAU DE COMMANDE<br/>BEDIENBLLENDE<br/>CONTROL PANEL<br/>TABLERO DE MANDOS<br/>ЩИТ УПРАВЛЕНИЯ</p>  |

L-L 277.00-BM

2 / 44

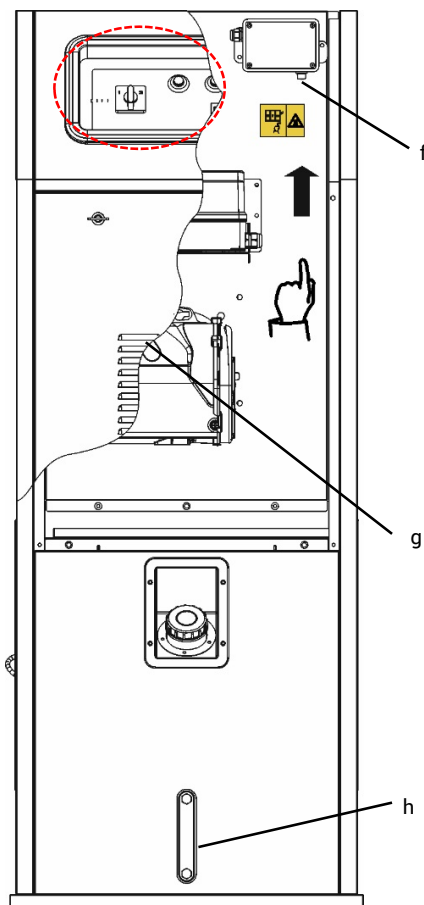
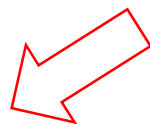
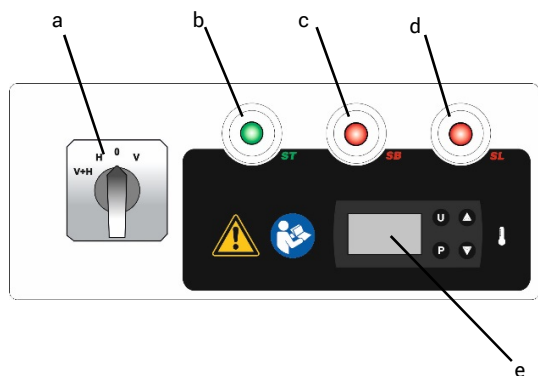
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**QUADRO COMANDI - TABLEAU DE COMMANDE - BEDIENBLENDE  
CONTROL PANEL - TABLERO DE MANDOS - ЩИТ УПРАВЛЕНИЯ**





- a** INTERRUPTORE RISCALDAMENTO-VENTILAZIONE  
INTERRUPTEUR CHAUFFAGE-VENTILATION  
SCHALTER HEIZUNG-LÜFTUNG  
HEATING-VENTILATION SWITCH  
INTERRUPTOR CALEFACCION/VENTILACION  
ПЕРЕКЛЮЧАТЕЛЬ НАГРЕВА-ВЕНТИЛЯЦИИ
- b** LAMPADA TENSIONE  
TÉMOIN TENSION  
LEUCHTE SPANNUNG  
VOLTAGE LAMP  
TESTIGO TENSIÓN  
ИНДИКАТОР НАПРЯЖЕНИЯ
- c** LAMPADA BRUCIATORE  
VOYANT BRÛLEUR  
BRENNERANZEIGE  
BURNER LIGHT  
TESTIGO DEL QUEMADOR  
ИНДИКАТОР ГОРЕЛКИ  
LAMPKA SYGNALIZACYJNA PALNIKA
- d** LAMPADA TERMOSTATI DI SICUREZZA L2  
TÉMOIN THERMOSTATS DE SURCHAUFFE, L2  
KONTROLLLEUCHTE SICHERHEITSTHERMOSTATE L2  
OVERHEAT THERMOSTATS CONTROL LAMP, L2  
TESTIGO TERMOSTATOS DE SEGURIDAD, L2  
ИНДИКАТОР ПРЕДОХРАНИТЕЛЬНЫХ ТЕРМОВЫКЛЮЧАТЕЛЕЙ L2

- e** TERMOSTATO AMBIENTE  
THERMOSTAT D'AMBIANCE  
RAUMTHERMOSTAT  
ROOM THERMOSTAT  
TERMOSTATO AMBIENTE  
ТЕРМОСТАТА ОКРУЖАЮЩЕЙ СРЕДЫ
- f** PULSANTE DI RIARMO TERMOSTATO DI SICUREZZA, L2  
POUSSOIR DE RÉARMEMENT THERMOSTAT DE SÉCURITÉ, L2  
ENTSTÖRTASTE DES SICHERHEITSTHERMOSTATEN, L2  
SAFETY THERMOSTAT RESET BUTTON, L2  
BOTÓN DE REARME DEL TERMOSTATO DE SEGURIDAD, L2  
КНОПКА СБРОСА ПРЕДОХРАНИТЕЛЬНОГО ТЕРМОВЫКЛЮЧАТЕЛЯ, L2
- g** LAMPADA / PULSANTE DI RIARMO BRUCIATORE  
TÉMOIN / POUSSOIR DE RÉARMEMENT BRÛLEUR  
LAMPE / ENTSTÖRTASTE BRENNER  
BURNER RESET BUTTON / LAMP  
TESTIGO/BOTÓN DE REARME DEL QUEMADOR  
ИНДИКАТОР / КНОПКА СБРОСА ГОРЕЛКИ
- h** INDICATORE DI RISERVA CARBURANTE  
INDICATEUR DE RÉSERVE DE CARBURANT  
FUEL RESERVE INDICATOR

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3 / 44

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## IMPORTANT

**Before using the space heater, carefully read all of the instructions and follow them scrupulously. The manufacturer cannot be held responsible for damage to persons and/or property caused by improper use of the equipment. This instruction manual is an integral part of the equipment and must therefore be stored carefully and passed on with the unit in the event of a change of ownership.**

### 1. DESCRIPTION

Space heaters described in this manual, are designed for use in medium to large-sized rooms and buildings where a fixed heating system is required for indoor use

The air required for combustion is sucked directly by the burner (5) installed on the heater, and is supplied from inside the room to be heated. In this case, the room must be well ventilated to guarantee sufficient exchange of air.

The flow of hot air is moved by the high-efficiency fan (3): air is heated by the thermal energy generated during the combustion and heat from the smoke is transmitted to the fresh air through the metal walls of the sealed combustion chamber and the heat exchanger. After the combustion products are cooled, they are conveyed to a discharge duct and eliminated through a chimney or flue large enough to guarantee their removal.

Air outlet (1), supplied as accessory and not included with heater, is provided with adjustable louvres to allow proper direction of air flow. The space heaters can work with burners having ON-OFF work modes and can run on diesel fuel.

#### Warning



**Only burners approved by the manufacturer and listed in the "TECHNICAL SPECIFICATION TABLE" can be used. The heater's certification and warranty will lapse if the burner is replaced with a non-original model, even if it has similar specifications.**

All of the space heaters are fit with an electronic device that controls the flame and with:

- safety devices (safety thermostat with manual reset, flame control) that trip in case of serious malfunctions and cause a safety stop. In this case the heater stops, button (d) lights with a steady red light (Stop Light) and the heater can resume operation only after the cause of the stop has been identified and eliminated;
- control devices (fan thermostat, burner thermostat) that trip in case of minor operating faults or supply faults, causing temporary stop of the space heater. In this case, the heater will restart automatically when the required condition is restored.

The section "TROUBLESHOOTING" describes all possible operating faults and their possible remedies.

### 2. CONDITIONS OF SUPPLY

The heater is delivered with parts already assembled: heater body, burner and room thermostat

#### Warning



**Prior to start heating, the space heater shall be assembled in full. All assembly operations shall be performed by professionally qualified personnel only.**

The following are also supplied:

- use and maintenance manuals for
  - space heater
  - burner
- manuals with drawings and spare part lists:
  - space heater
  - burner

#### Warning



**All documents provided constitute an integral part of the unit. The documents should therefore be looked after with care and supplied with the unit in the event of a change in ownership.**

Parts are to be transported and moved using either a manual or automatic forklift truck with sufficient load capacity.

#### Warning



**Never try to lift the heater manually. Doing so could cause serious physical injury.**

### 3. GENERAL ADVICE

The space heater must be installed, adjusted, and used in conformity to national and local laws and regulations for its operation.

General guidelines:

- Follow the instructions in this booklet very carefully;
- The heater is not installed in an area where there is a high risk of fire or explosions;
- Keep inflammable material at a safe distance from the heater (minimum 3 metres);
- Check that there is no overheating of walls, ceilings or floors made of inflammable materials,
- All precautions have been taken to prevent fires;
- The room being heated must be sufficiently ventilated so that the heater has enough air to function properly;
- The heater must be near a chimney or chimney flue and an electrical panel conforming to declared specifications;
- Check the heater before switching it on and at regular intervals during its use;
- After use, make sure the disconnecting switch is off.

When using any type of space heater it is obligatory:

- not to exceed the maximum heat output level of the furnace ("TECHNICAL SPECIFICATION TABLE");
- make sure that the air flow is not below the rated level; check that there are no obstacles or obstructions to the air suction and/or delivery ducts, such as sheets or covers on the equipment, walls or large objects near the heater.

#### Warning



**This unit may not be used by persons (including children) with reduced physical, sensorial or mental capacities or with limited experience and familiarity unless they are under supervision or instructed on how to use the unit by the person responsible for its safety.**

### 4. INSTALLATION INSTRUCTIONS

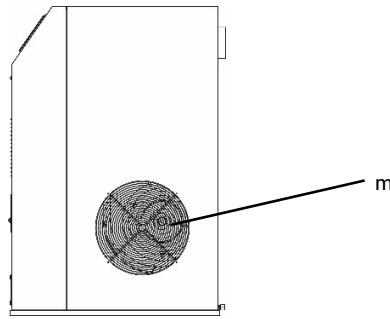
#### Warning



**All of the operations described in this section must be performed by professionally qualified personnel only.**

#### 4.1. INSTALLATION ON FLOOR

The space heater may be installed on the floor in a stable position or close to lateral wall for the room



**Warning**



At least one of the two side air inlet panel (m) shall be kept open to allow air entering.

The minimum distance from surrounding walls, floor and/or ceiling must always be at least 1 metre.

**4.2. POWER CONNECTIONS**

**Warning**

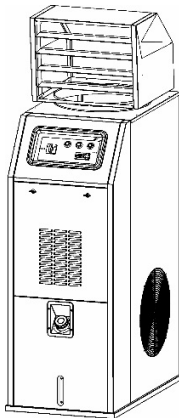


The power line must be earthed and fitted with a residual current circuit breaker.  
The power cable must be connected to a panel fitted with a cut-out.

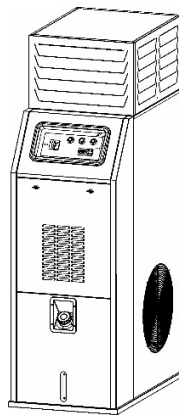
Before switching on the heater and, therefore, before plugging it into the electrical power supply, check that the power supply specifications are the same as those stated on the identification plate.

**4.3. CONNECTION TO HOT AIR DELIVERY DUCTS**

The space heater is set to operate with direct distribution of air. In such case a proper air outlet, chosen by list of available accessories on catalogue, shall be used:



Revolving head



Multiple outlet head

Nevertheless, it can be connected to appropriately sized air distribution channels, if required, with maximum diameter and length as shown in the "TECHNICAL SPECIFICATION TABLE."

**4.4. CONNECTION TO EXHAUST DUCT**

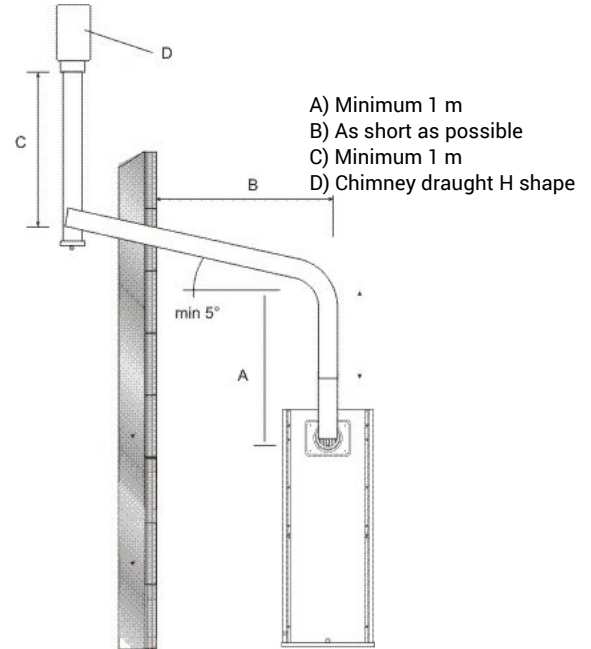
Exhaust ducts must be in steel and conform to EN 1443. Efficient combustion and trouble-free working of the burner depend on efficient flue draft.

L-L 277.00-BM

The unit must be connected to the chimney flue in compliance with current legal regulations and in line with the following guidelines:

- The path of the flue pipe smoke should be as short as possible and should slant upwards (minimum height 1 m);
- There should be no sharp curves in the pipes, and the diameter of the pipes must never be reduced;
- there must always be a wind deflector to prevent the entrance of rain and to prevent smoke from being blocked by the wind;
- flue draft must at least equal the level in the Technical Specifications.
- every heater must have its own chimney;

The following diagrams show possible flue positions:



**4.5. FIRST START-UP AND COMBUSTION ADJUSTMENT**

**Warning**



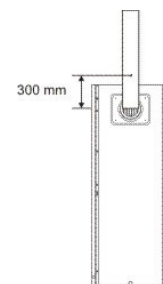
The first start-up should always be carried out by a specialised technician checking the correctness of the combustion parameters.

**Warning**



The burner settings are pre-set at the factory and may not comply with those required, therefore, the settings need to be checked and, where necessary, corrected.

The adjustment values (burner diesel pressure, combustion head position, air adjustment) for each of the burners approved for these units are indicated in the "TECHNICAL CHARACTERISTICS TABLE". The probe used to periodically check combustion and flue smoke temperatures is to be inserted as indicated:



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Combustion is clean and stable when combustion values are as follows:

- Bacharach index: 0 (white)
- CO<sub>2</sub>: 11 ÷ 12,5 %
- Oxygen (O<sub>2</sub>): 4,5 ÷ 6 %
- CO<sub>max</sub>: 500 ppm

You may have to change the burner settings due to the fuel used and/or installation conditions (high altitude, air suction pipe with or without Snorkel, etc.) if combustion parameters are not correct. When inspection tests are completed, the hole drilled for the probe must be sealed with a material that is resistant to high temperatures and that ensures the tube remains airtight.

## 5. OPERATING INSTRUCTIONS

### 5.1. START

To start the heater:

- Make sure the switch (a) is set to "0";
- Supply electrical power to the space heater by pulling up the disconnecting switch on the electric power panel: the green lamp (b) will light up indicating that power is being supplied to the panel;
- Turn switch (a) to position H or H+V: the burner will begin the start-up and pre-wash cycle, after which the flame will ignite; after the combustion chamber has been heating for a few minutes, the main fan will start up;

**Warning**



The fan runs continuously in H+V mode, even when the desired room temperature has been reached, and the burner turns off.

**Warning**



In H mode, the fan only runs when the combustion chamber is sufficiently hot. Therefore, when the desired room temperature has been reached, the burner turns off and the fan keeps running only until the combustion chamber has cooled completely.

- If the heater does not work during the start cycle or work cycle, consult "TROUBLESHOOTING" to find the cause of the malfunction.

**Warning**



If the burner goes into safety stop (lamp c) push reset button (g) for 3 seconds to restart the heater.



If the safety thermostat goes into safety stop (lamp d), push reset button (f) for 3 seconds to restart the heater.

**Warning**



NEVER do more than two restarts in a row: unburned fuel can accumulate in the combustion chamber and suddenly flare up at the next restart.

### 5.2. STOP

Stop the heater by turning switch (a) to "0" position or, if the heater is in automatic mode, by setting the room thermostat to a lower temperature: the burner shuts off. The fan keeps working, starting and stopping several times until the combustion chamber has cooled completely.

**Warning**



Never stop the heater by simply turning off the disconnecting switch on the panel. The electrical supply must be disconnected ONLY when the fan has come to a complete stop.

### 5.3. VENTILATION

To run the heater only in continuous ventilation mode, turn switch (a) to the position with the symbol V.

### 5.4. TEMPERATURE CONTROLLER

The heater is equipped with a room thermostat (e) with LCD screen, which displays and controls the room temperature. The screen displays the measured temperature in [°C]:



To set the desired temperature level:

- Press the button and then release it: on the screen the initial "SP" and the set temperature alternatively appear.
- Modify the set temperature pressing buttons and .
- Press button to confirm the set temperature.

## 6. MAINTENANCE

**Warning**



All of the operations described in this section must be performed by professionally qualified personnel only.

The following procedures must be done at regular intervals to ensure efficient operation of the heater. Make sure you have detached the electrical power line from the heater before starting any work.

**Warning**



Before doing any maintenance:

- Stop the heater as indicated in the "STOP" paragraph;
- Switch off the power supply by means of the cut-off on the electrical panel;
- Wait until the heater cools.

Procedure	Periodic maintenance			
	Every day	Every week	Every six months	Every year
Check heater	X			
Check diesel supply line	X			
Clean exterior of heater	X			
Clean motor and fan		X		
Check electrical connections			X	
Check and test burner			X	
Check thermostats			X	
Clean interior of heater			X	
Inspect and clean chamber				X

### 6.1. CHECKING THE HEATER AND THE DIESEL SUPPLY LINE

Perform the following checks:

- Make sure the heater is not installed where there may be a risk of fire or explosion
- Make sure that flammable materials are kept a safe distance away



- If you find diesel leaks:
  - Close the diesel stopcock
  - Find and repair the source of the diesel leak
- Do not use the heater if any removed panels have not been remounted
- Make sure the room to be heated is sufficiently ventilated
- Make sure that the air intake and outlet are completely unobstructed
- Make sure that the heater is not covered by any sheets or covers
- Check that the heater is in a fixed and stable position;
- Make sure the heater is constantly monitored during operation and checked before being started;

**6.2 CLEANING THE EXTERIOR OF THE HEATER**

To ensure efficient operation, clean the following parts:

- Burner:
  - Remove all external dirt and debris
  - Make sure the air inlet is not obstructed.
- Pipes, connectors and joints:
  - Clean with a cloth.
- External body:
  - Clean with a cloth.
- Air inlet/outlet:
  - Remove all dirt and debris
  - Make sure the air inlet is not obstructed.

**6.3 Cleaning the motor and the fan**

Clean the fan blades and the motor as follows:

- Remove the fan group fixing screws and then remove the fan group.
- Clean the motor with compressed air.
- Clean the fan blades with a hard brush.
- Reinstall the fan group.

**6.4 CHECKING THE ELECTRICAL CONNECTIONS**

After detaching the power cable, check all electrical connections as follows:

- Make sure that all connections are complete and tight.
- If there are traces of dirt or corrosion, clean or replace the connections if necessary.
- Replace any damaged wires or connectors if necessary.

**6.5 CHECKING AND TESTING THE BURNER**

To reach the burner:

- Remove the burner fixing screw.
- Remove the burner and follow the checking and cleaning instructions in the burner manual.
- Reinstall the burner.
- Run the procedures described in paragraphs 4.7 and 4.8 to measure combustion parameters and check that combustion is stable and clean.

**6.6 CHECKING THE THERMOSTATS**

Inspect the thermostats as follows:

- Remove any air outlet connection ducts
- Find the thermostats fixed to the internal panel of the space heater.
- Clean with a dry cloth, taking care not to cut or bend the capillary tube.

**6.7 CLEANING THE INTERIOR OF THE HEATER**

For thorough cleaning, the heater can be cleaned and washed inside and outside with water. It is however necessary to ensure that:

- the electrical cable is disconnected and unplugged from the socket
- completely close all access panels

- do not use water jets at a pressure exceeding 70 bar at a distance less than 30 cm
- completely dry all parts before reconnecting the electrical cable.

**6.8 CLEANING THE COMBUSTION CHAMBER**

To maintain the burner's high efficiency and prolong its life, the procedure described in this paragraph must be done at least once at the end of the work season or more frequently if there is an excessive build-up of soot. Excessive soot may be caused by poor chimney draught, poor fuel quality, poor regulation of the burner, or more or less frequent alternation of burner starts and stops.

Pay attention during operation: pulsations at start may be due to excessive amounts of soot.

To access the heat exchanger (1), take off the rear panel (3), remove the smoke box inspection panel (2), and then remove baffle plates (7).

To access the combustion chamber (4) remove the burner (5).

Clean with compressed air or, if necessary, with a metal brush to remove any deposited soot and combustion residues.

**Warning**



After any technical work, always check that the heater works correctly.

**7. TROUBLESHOOTING**

In the event of serious anomalies, various safety devices are able to block the machine's operation and signal the same:

- on the electrical panel



the blocking signal following intervention by safety thermostat L2: the reset button is located inside the burner box.

- on the burner



the blocking signal following intervention by the burner's flame control box.

**Warning**



NEVER do more than two restarts in a row: unburned fuel can accumulate in the combustion chamber and suddenly flare up at the next restart.

If the heater is still not working properly, please contact your nearest dealer or authorized Service Centre.

**Get In Touch**







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FAULT	CAUSE	REMEDY
<ul style="list-style-type: none"> <li>The heater does not start:   is off</li> </ul>	<ul style="list-style-type: none"> <li>No power supply</li> </ul>	<ul style="list-style-type: none"> <li>Check functioning and position of switch</li> <li>Check the mains</li> <li>Check power connections</li> <li>Check fuse</li> </ul>
<ul style="list-style-type: none"> <li>The heater does not start:   is on</li> </ul>	<ul style="list-style-type: none"> <li>Switch (a) in wrong position</li> </ul>	<ul style="list-style-type: none"> <li>Select correct position</li> </ul>
	<ul style="list-style-type: none"> <li>Incorrect functioning of the room thermostat</li> </ul>	<ul style="list-style-type: none"> <li>Check that thermostat connection plug is inserted</li> <li>Check thermostat electrical connection</li> <li>Check thermostat setting and correct it</li> <li>Check functioning of thermostat</li> </ul>
<ul style="list-style-type: none"> <li>The heater works erratically and the burner goes on and off alternately:</li> </ul>	<ul style="list-style-type: none"> <li>Insufficient or no fuel at burner</li> </ul>	<ul style="list-style-type: none"> <li>Check condition of pump-motor coupling</li> <li>Check for air infiltrations in fuel circuit by checking air-tightness of pipes and filter seal</li> <li>Clean nozzle or replace if necessary</li> </ul>
	<ul style="list-style-type: none"> <li>Burner thermostat has tripped due to overheating</li> </ul>	<ul style="list-style-type: none"> <li>Check correct position of air distribution channels and opening of any flaps, openings, etc.</li> <li>Remove any foreign bodies trapped in the air ducts or ventilation grilles</li> </ul>
<ul style="list-style-type: none"> <li>The heater does not work:   on the electrical panel is on</li> </ul>	<ul style="list-style-type: none"> <li>Manual reset safety thermostat has tripped due to excessive overheating of combustion chamber</li> </ul>	<ul style="list-style-type: none"> <li>Check that the fan motor starts correctly and is not obstructed</li> <li>Check that the fan motor is not burned out or that the motor condenser is not broke</li> <li>Check burner calibration</li> <li>Check the path and correct discharge of fumes</li> <li>Remove any foreign bodies trapped in the air ducts or suction grilles</li> <li>Make sure the length of the air supply hoses are not too long</li> </ul>
<ul style="list-style-type: none"> <li>The heater does not work::   on the burner is steady on</li> </ul>	<ul style="list-style-type: none"> <li>Burner's safety equipment has tripped</li> </ul>	<ul style="list-style-type: none"> <li>Refer to the burner manual for diagnosis and causes</li> </ul>
<ul style="list-style-type: none"> <li>Fan noise or vibrations</li> </ul>	<ul style="list-style-type: none"> <li>Foreign bodies on fan blades</li> </ul>	<ul style="list-style-type: none"> <li>Remove foreign bodies</li> </ul>
	<ul style="list-style-type: none"> <li>Insufficient air circulation</li> </ul>	<ul style="list-style-type: none"> <li>Eliminate all possible obstacles to proper air flow</li> </ul>
<ul style="list-style-type: none"> <li>Insufficient heating</li> </ul>	<ul style="list-style-type: none"> <li>Insufficient burner capacity</li> </ul>	<ul style="list-style-type: none"> <li>Contact Customer Service</li> </ul>

### Get In Touch

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### Our Address

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 Darlington Road, Northallerton, DL6 2NQ





# CONFORT 35

## CARATTERISTICHE TECNICHE - CARACTERISTIQUES TECHNIQUES - TECHNISCHE DATEN TECHNICAL SPECIFICATIONS - CARACTERÍSTICAS TÉCNICAS - ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ

Protezione IP - Protection IP - Schutz IP - IP protection - Protección IP - Защита IP			IP X4D
Tipo - Type - Typ - Type - Tipo - Тип			B23P
Combustibile - Combustible - Brennstoff - Fuel - Combustible - Топлив			DIESEL #2
Potenza termica max misurata - Puissance thermique max mesuré Gemessen Wärmeleistung max - Max measured heating output Potencia térmica máx medidol - Максимальная тепловая мощность Н измерения	H <sub>s</sub>	[kcal/h] [kW] [BTU/h]	29891 34,76 119564
Potenza termica netta misurata - Puissance thermique nette mesuré Gemessen Nennwärmeleistung - Net measured heating output Potencia térmica neta medidol - Тепловая мощность нетто измерения	H <sub>s</sub>	[kcal/h] [kW] [BTU/h]	28068 32,64 112270
Rendimento, η - Rendement, η - Wärmeleistung, η - Efficiency, η - Rendimiento, η - К.п.д		[%]	93,9
Consumo - Consommation - Brennstoffverbr. Consumption - Consumo - Расход		[kg/h] [l / h]	2,75 3,20
Bruciatore - Bruleur - Brenner Burner - Quemador - Горелка			ECOFLAM MAX 4 TC
Ugello - Buse - Düse - Nozzle - Boquilla - Насадка			DANFOSS 0,60 GPH / 60° S
Pressione gasolio bruciatore - Pression fuel brûleur - Heizöldruck Diesel pressure - Presión gasoleo quemador - Давление		[bar]	11
Posizione testa combustione - Position tête de combustion - Position Verbrennungskopf Combustion head setting - Posición cabeza combustión - Положение насадки сгорания		N°.	0,5
Regolazione aria - Réglage air - Luftregulierung Air setting - Regulación aire - Регулировка воздуха		N°.	1,7
Portata d'aria - Débit d'air - Nenn-Luftleistung - Air output - Capacidad aire - Мощность подачи воздуха		[m <sup>3</sup> /h]	2700
Pressione statica disponibile - Pression statique disponible - Verfügbare Stat. Pressung Max. Available static pressure - Presión estática disponible - Имеющаяся статическое давление		[Pa]	150
Incremento di temperatura - Elévation de la température - Temperaturanstieg Temperature rise - Aumento de la temperatura - повышение температуры		[°C] @ 20°C	43
Tiraggio minimo al camino - Tirage minimum nécessaire - Erforderlicher Kaminzug Compulsory flue draft - Tiro mínimo a la chimenea - Минимальная тяга в дымоходе		[mbar]	0,1
Temperatura min. di servizio - Température min. de service - Min. Service-Temperatur Min. service temperature - Temp. mín. de servicio - Минимальная рабочая температура		[°C]	- 20
Temperatura max. di servizio - Température max. de service - Max. Service-Temperatur Max. service temperature - Temp. máx. de servicio - Максимальная рабочая температура		[°C]	40
Diametro uscita fumi - Diamètre sortie fumées - Abgasrohr Durchmesser Flue diameter - Diámetro salida humos - Диаметр трубы выхода дымов		[mm]	150
THERMOSTATO VENTILATORE - THERMOSTAT VENTILATEUR - LUFTRÉGLER FAN THERMOSTAT - THERMOSTATO VENTILADOR - ТЕРМОВЫКЛЮЧАТЕЛЬ ВЕНТИЛЯТОРА		[°C]	30
THERMOSTATO BRUCIATORE - THERMOSTAT BRULEUR - BRENNERTHERMOSTAT BURNER THERMOSTAT - THERMOSTATO QUEMADOR - ТЕРМОВЫКЛЮЧАТЕЛЬ ГОРЕЛКИ		[°C]	90
Livello sonoro a 1 m - Niveau sonore à 1 m - Geräuschspegel a 1 m Noise level at 1 m - Nivel sonoro a 1 m - Уровень шума на расстоянии 1 м		[dBA]	69
Dimensioni, L x P x A - Dimensions, L x P x H - Masse, H x B x T Dimensions, L x W x H - Dimensiones, L x P x A - Размеры, Ш x Г x В		[mm]	1010 x 530 x 1360
Peso - Poids - Gewicht - Weight - Peso - Вес		[kg]	135
Alimentazione elettrica - Alimentation électrique - Netzanschluss Power supply - Alimentación eléctrica - Электропитание		[V] / ~ / [Hz]	230 / 1 / 50
Potenza elettrica totale - Puissance électrique - Leistungsaufnahme Total power consumption - Potencia eléctrica total - электрическая мощность		[W]	680
Corrente elettrica - Courant électrique - Elektrischer Strom Electric current - Corriente eléctrica - электрический ток		[A]	3,0
FUSIBILE - FUSIBLE - SICHERUNG FUSE - FUSIBLE - ПРЕДОХРАНИТЕЛЬ		[A]	16

INGRESSO ARIA - ENTREE AIR - LUFTEINTRITT AIR INLET - ENTRADA DE AIRE - ВХОД ВОЗДУХА			
Tubo flessibile Tuyau flexible Schlauch Flexible tube Tubo flexible Шланг	Diametro tubo - Diamètre du tuyau Schlauchdurchmesser - Tube diameter Diámetro del tubo - Диаметр трубы	[mm]	500
	Max lunghezza - Longueur maxi Max. Länge Maximum length Longitud máx. - Макс. длина	[m]	6
USCITA ARIA - SORTIE AIR - WARMLUFTAUSBLASSTUTZEN AIR OUTLET - SALIDA AIRE - ВЫХОД ВОЗДУХА			
Tubo flessibile Tuyau flexible Schlauch Flexible tube Tubo flexible Шланг	Diametro tubo - Diamètre du tuyau Schlauchdurchmesser - Tube diameter Diámetro del tubo - Диаметр трубы	[mm]	500
	Max lunghezza - Longueur maxi Max. Länge Maximum length Longitud máx. - Макс. длина	[m]	25



# CONFORT 70

## CARATTERISTICHE TECNICHE - CARACTERISTIQUES TECHNIQUES - TECHNISCHE DATEN TECHNICAL SPECIFICATIONS - CARACTERÍSTICAS TÉCNICAS - ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ

Protezione IP - Protection IP - Schutz IP - IP protection - Protección IP - Защита IP			IP X4D
Tipo - Type - Typ - Type - Tipo - Тип			B <sub>23P</sub>
Combustibile - Combustible - Brennstoff - Fuel - Combustible - Топлив			DIESEL #2
Potenza termica max misurata - Puissance thermique max mesurè Gemessen Wärmeleistung max - Max measured heating output Potencia térmica máx medidol - Максимальная тепловая мощность Н измерения	H <sub>s</sub>	[kcal/h] [kW] [BTU/h]	60869 70,78 243476
Potenza termica netta misurata - Puissance thermique nette mesurè Gemessen Nennwärmeleistung - Net measured heating output Potencia térmica neta medidol - Тепловая мощность нетто измерения	H <sub>s</sub>	[kcal/h] [kW] [BTU/h]	56730 69,96 226919
Rendimento, η - Rendement, η - Wärmeleistung, η - Efficiency, η - Rendimiento, η - К.п.д		[%]	93,2
Consumo - Consommation - Brennstoffverbr. Consumption - Consumo - Расход		[kg/h] [l / h]	5,60 6,51
Bruciatore - Brûleur - Brenner Burner - Quemador - Горелка			ECOFLAM MAX 8 TC
Ugello - Buse - Düse - Nozzle - Boquilla - Насадка			DANFOSS 1,25 GPH / 60° S
Pressione gasolio bruciatore - Pression fuel brûleur - Heizöldruck Diesel pressure - Presión gasoleo quemador - Давление		[bar]	12
Posizione testa combustione - Position tête de combustion - Position Verbrennungskopf Combustion head setting - Posición cabeza combustión - Положение насадки сгорания		N°.	1,0
Regolazione aria - Réglage air - Luftregulierung Air setting - Regulación aire - Регулировка воздуха		N°.	2,5
Portata d'aria - Débit d'air - Nenn-Lufleistung - Air output - Capacidad aire - Мощность подачи воздуха		[m <sup>3</sup> /h]	6000
Pressione statica disponibile - Pression statique disponible - Verfügbare Stat. Pressung Max. Available static pressure - Presión estática disponible - Имеющееся статическое давление		[Pa]	150
Incremento di temperatura - Elévation de la température - Temperaturanstieg Temperature rise - Aumento de la temperatura - повышение температуры		[°C] @ 20°C	40
Tiraggio minimo al camino - Tirage minimum nécessaire - Erforderlicher Kaminzug Compulsory flue draft - Tiro mínimo a la chimenea - Минимальная тяга в дымоходе		[mbar]	0,1
Temperatura min. di servizio - Température min. de service - Min. Service-Temperatur Min. service temperature - Temp. min. de servicio - Минимальная рабочая температура		[°C]	- 20
Temperatura max. di servizio - Température max. de service - Max. Service-Temperatur Max. service temperature - Temp. máx. de servicio - Максимальная рабочая температура		[°C]	40
Diametro uscita fumi - Diamètre sortie fumées - Abgasrohr Durchmesser Flue diameter - Diámetro salida humos - Диаметр трубы выхода дымов		[mm]	150
THERMOSTATO VENTILATORE - THERMOSTAT VENTILATEUR - LUFTREGLER FAN THERMOSTAT - THERMOSTATO VENTILADOR - ТЕРМОВЫКЛЮЧАТЕЛЬ ВЕНТИЛЯТОРА		[°C]	30
THERMOSTATO BRUCIATORE - THERMOSTAT BRULEUR - BRENNERTHERMOSTAT BURNER THERMOSTAT - THERMOSTATO QUEMADOR - ТЕРМОВЫКЛЮЧАТЕЛЬ ГОРЕЛКИ		[°C]	90
Livello sonoro a 1 m - Niveau sonore à 1 m - Geräuschspegel a 1 m Noise level at 1 m - Nivel sonoro a 1 m - Уровень шума на расстоянии 1 м		[dBA]	69
Dimensioni, L x P x A - Dimensions, L x P x H - Masse, H x B x T Dimensions, L x W x H - Dimensiones, L x P x A - Размеры, Ш x Г x В		[mm]	1045 x 600 x 1530
Peso - Poids - Gewicht - Weight - Peso - Вес		[kg]	185
Alimentazione elettrica - Alimentation électrique - Netzanschluss Power supply - Alimentación eléctrica - Электропитание		[V] / ~ / [Hz]	230 / 1 / 50
Potenza elettrica totale - Puissance électrique - Leistungsaufnahme - Total power consumption - Potencia eléctrica total - электрическая мощность		[W]	1350
Corrente elettrica - Courant électrique - Elektrischer Strom Electric current - Corriente eléctrica - электрический ток		[A]	6,3
FUSIBILE - FUSIBLE - SICHERUNG FUSE - FUSIBLE - ПРЕДОХРАНИТЕЛЬ		[A]	16

### INGRESSO ARIA - ENTREE AIR - LUFTEINTRITT AIR INLET - ENTRADA DE AIRE - ВХОД ВОЗДУХА

Tubo flessibile Tuyau flexible Schlauch Flexible tube Tubo flexible Шланг	Diametro tubo - Diamètre du tuyau Schlauchdurchmesser - Tube diameter Diámetro del tubo - Диаметр трубы	[mm]	500
	Max lunghezza - Longueur maxi Max. Länge Maximum length Longitud máx. - Макс. длина	[m]	6

### USCITA ARIA - SORTIE AIR - WARMLUFTAUSBLASSTUTZEN AIR OUTLET - SALIDA AIRE - ВЫХОД ВОЗДУХА

Tubo flessibile Tuyau flexible Schlauch Flexible tube Tubo flexible Шланг	Diametro tubo - Diamètre du tuyau Schlauchdurchmesser - Tube diameter Diámetro del tubo - Диаметр трубы	[mm]	500
	Max lunghezza - Longueur maxi Max. Länge Maximum length Longitud máx. - Макс. длина	[m]	25

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40 / 44

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# CONFORT 100

## CARATTERISTICHE TECNICHE - CARACTERISTIQUES TECHNIQUES - TECHNISCHE DATEN TECHNICAL SPECIFICATIONS - CARACTERÍSTICAS TÉCNICAS - ТЕХНИЧЕСКИЕ ХАРАКТЕРИСТИКИ

Protezione IP - Protection IP - Schutz IP - IP protection - Protección IP - Защита IP			IP X4D
Tipo - Type - Typ - Type - Tipo - Тип			B <sub>23P</sub>
Combustibile - Combustible - Brennstoff - Fuel - Combustible - Топлив			DIESEL #2
Potenza termica max misurata - Puissance thermique max mesurè Gemessen Wärmeleistung max - Max measured heating output Potencia térmica máx medidol - Максимальная тепловая мощность Н измерения	H <sub>s</sub>	[kcal/h] [kW] [BTU/h]	86412 100,48 345648
Potenza termica netta misurata - Puissance thermique nette mesurè Gemessen Nennwärmeleistung - Net measured heating output Potencia térmica neta medidol - Тепловая мощность нетто измерения	H <sub>s</sub>	[kcal/h] [kW] [BTU/h]	80536 93,65 322144
Rendimento, η - Rendement, η - Wärmeleistung, η - Efficiency, η - Rendimiento, η - К.п.д		[%]	93,2
Consumo - Consommation - Brennstoffverbr. Consumption - Consumo - Расход		[kg/h] [l / h]	5,60 6,51
Bruciatore - Brûleur - Brenner Burner - Quemador - Горелка			ECOFLAM MAX 12 TC
Ugello - Buse - Düse - Nozzle - Boquilla - Насадка			DELAVAN 2,00 GPH / 60° B
Pressione gasolio bruciatore - Pression fuel brûleur - Heizöldruck Diesel pressure - Presión gasoleo quemador - Давление		[bar]	10
Posizione testa combustione - Position tête de combustion - Position Verbrennungskopf Combustion head setting - Posición cabeza combustión - Положение насадки сгорания		N°.	2,0
Regolazione aria - Réglage air - Luftregulierung Air setting - Regulación aire - Регулировка воздуха		N°.	4,5
Portata d'aria - Débit d'air - Nenn-Lufleistung - Air output - Capacidad aire - Мощность подачи воздуха		[m <sup>3</sup> /h]	7800
Pressione statica disponibile - Pression statique disponible - Verfügbare Stat. Pressung Max. Available static pressure - Presión estática disponible - Имеющееся статическое давление		[Pa]	150
Incremento di temperatura - Elévation de la température - Temperaturanstieg Temperature rise - Aumento de la temperatura - повышение температуры		[°C] @ 20°C	52
Tiraggio minimo al camino - Tirage minimum nécessaire - Erforderlicher Kaminzug Compulsory flue draft - Tiro mínimo a la chimenea - Минимальная тяга в дымоходе		[mbar]	0,1
Temperatura min. di servizio - Température min. de service - Min. Service-Temperatur Min. service temperature - Temp. min. de servicio - Минимальная рабочая температура		[°C]	- 20
Temperatura max. di servizio - Température max. de service - Max. Service-Temperatur Max. service temperature - Temp. máx. de servicio - Максимальная рабочая температура		[°C]	40
Diametro uscita fumi - Diamètre sortie fumées - Abgasrohr Durchmesser Flue diameter - Diámetro salida humos - Диаметр трубы выхода дыма		[mm]	150
THERMOSTATO VENTILATORE - THERMOSTAT VENTILATEUR - LUFTREGLER FAN THERMOSTAT - THERMOSTATO VENTILADOR - ТЕРМОВЫКЛЮЧАТЕЛЬ ВЕНТИЛЯТОРА		[°C]	30
THERMOSTATO BRUCIATORE - THERMOSTAT BRULEUR - BRENNERTHERMOSTAT BURNER THERMOSTAT - THERMOSTATO QUEMADOR - ТЕРМОВЫКЛЮЧАТЕЛЬ ГОРЕЛКИ		[°C]	90
Livello sonoro a 1 m - Niveau sonore à 1 m - Geräuschspegel a 1 m Noise level at 1 m - Nivel sonoro a 1 m - Уровень шума на расстоянии 1 м		[dBA]	69
Dimensioni, L x P x A - Dimensions, L x P x H - Masse, H x B x T Dimensions, L x W x H - Dimensiones, L x P x A - Размеры, Ш x Г x В		[mm]	1400 x 640 x 1650
Peso - Poids - Gewicht - Weight - Peso - Вес		[kg]	257
Alimentazione elettrica - Alimentation électrique - Netzanschluss Power supply - Alimentación eléctrica - Электропитание		[V] / ~ / [Hz]	230 / 1 / 50
Potenza elettrica totale - Puissance électrique - Leistungsaufnahme - Total power consumption - Potencia eléctrica total - электрическая мощность		[W]	1750
Corrente elettrica - Courant électrique - Elektrischer Strom Electric current - Corriente eléctrica - электрический ток		[A]	8,1
FUSIBILE - FUSIBLE - SICHERUNG FUSE - FUSIBLE - ПРЕДОХРАНИТЕЛЬ		[A]	16

### INGRESSO ARIA - ENTREE AIR - LUFTEINTRITT AIR INLET - ENTRADA DE AIRE - ВХОД ВОЗДУХА

Tubo flessibile Tuyau flexible Schlauch Flexible tube Tubo flexible Шланг	Diametro tubo - Diamètre du tuyau Schlauchdurchmesser - Tube diameter Diámetro del tubo - Диаметр трубы	[mm]	570
	Max lunghezza - Longueur maxi Max. Länge Maximum length Longitud máx. - Макс. длина	[m]	6

### USCITA ARIA - SORTIE AIR - WARMLUFTAUSBLASSTUTZEN AIR OUTLET - SALIDA AIRE - ВЫХОД ВОЗДУХА

Tubo flessibile Tuyau flexible Schlauch Flexible tube Tubo flexible Шланг	Diametro tubo - Diamètre du tuyau Schlauchdurchmesser - Tube diameter Diámetro del tubo - Диаметр трубы	[mm]	600
	Max lunghezza - Longueur maxi Max. Länge Maximum length Longitud máx. - Макс. длина	[m]	25

L-L 277.00-BM

41 / 44

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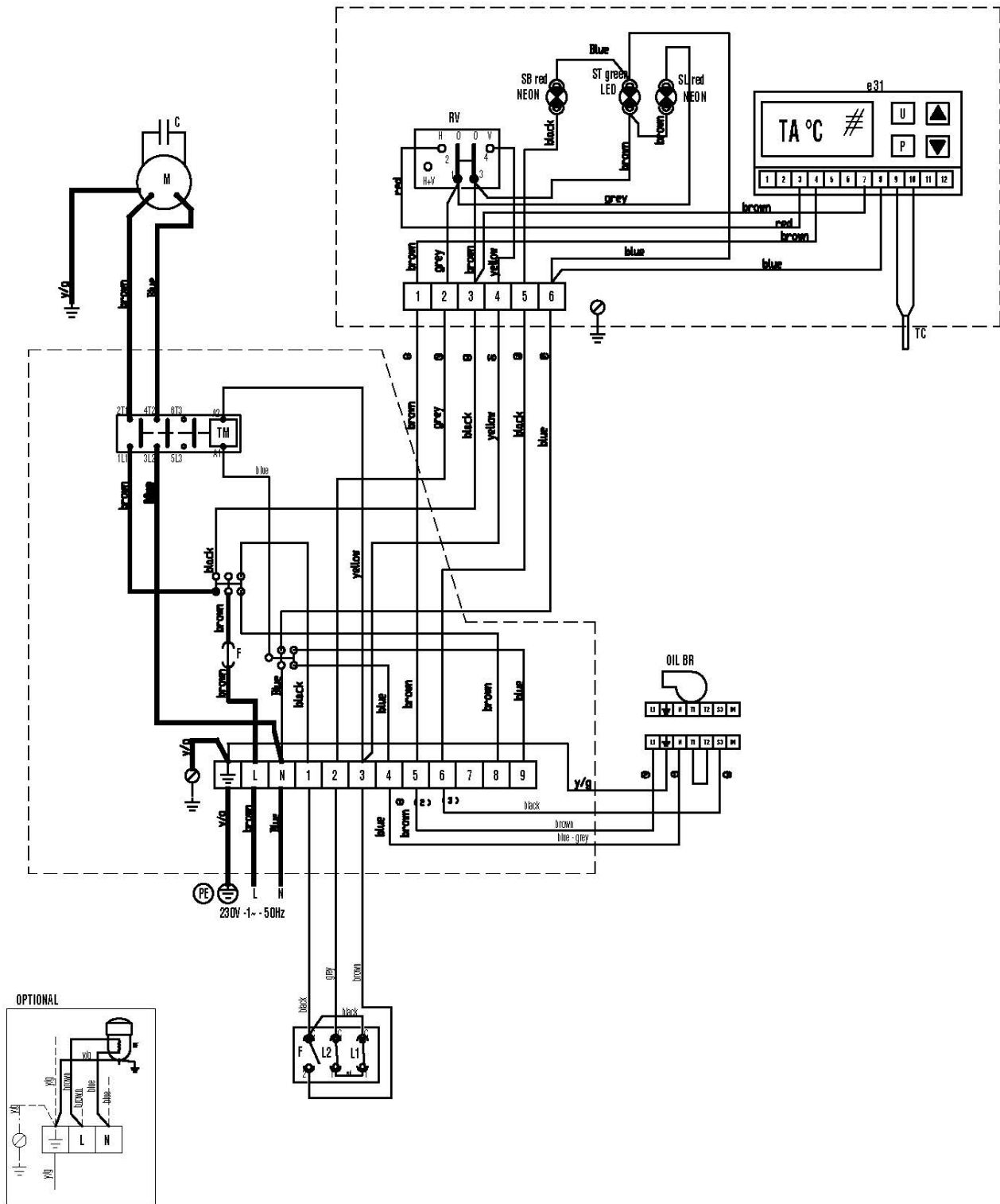
Call: 01729 824108  
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SCHEMA ELETTRICO - SCHEMA ELECTRIQUE - SCHALTPLAN  
 WIRING DIAGRAM - ESQUEMA ELÉCTRICO - ЭЛЕКТРИЧЕСКАЯ СХЕМА



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42 / 44

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**SCHEMA ELETTRICO - SCHEMA ELECTRIQUE - SCHALTPLAN**  
**WIRING DIAGRAM - ESQUEMA ELÉCTRICO - ЭЛЕКТРИЧЕСКАЯ СХЕМА**

<b>M</b>	MOTORE VENTILATORE MOTEUR VENTILATEUR VENTILATORMOTOR FAN MOTOR MOTOR VENTILADOR ДВИГАТЕЛЬ ВЕНТИЛЯТОРА	<b>SL</b>	SPIA TERMOSTATI DI SICUREZZA LAMPE TEMOIN SECURITE DE SURCHAUFFE ANZEIGE SICHERHEITSTHERMOSTATE OVERHEAT THERMOSTATS CONTROL LAMP TESTIGO TERMOSTATOS DE SEGURIDAD ИНДИКАТОР ПРЕДОХРАНИТЕЛЬНЫХ ТЕРМОВЫКЛЮЧАТЕЛЕЙ
<b>F</b>	TERMOSTATO VENTILATORE (regolazione: 30°C) THERMOSTAT VENTILATEUR (régulation: 30°C) LUFTRGLER (Regulierung: 30°C) FAN THERMOSTAT (setting: 30°C) TERMOSTATO VENTILADOR (regulación: 30°C) ТЕРМОВЫКЛЮЧАТЕЛЬ ВЕНТИЛЯТОРА (Пегулирование: 30°C)	<b>L1</b>	TERMOSTATO BRUCIATORE (regolazione: 90°C) THERMOSTAT BRULEUR (régulation: 90°C) BRENNERTHERMOSTAT (Regulierung: 90°C) BURNER THERMOSTAT (setting: 90°C) TERMOSTATO QUEMADOR (regulación: 90°C) ТЕРМОВЫКЛЮЧАТЕЛЬ ГОРЕЛКИ (Пегулирование: 90°C)
<b>FB</b>	FUSIBILE FUSIBLE SICHERUNG FUUSE FUSIBLE ПРЕДОХРАНИТЕЛЬ	<b>TA</b>	TERMOSTATO AMBIENTE THERMOSTAT D'AMBIANCE RAUMTHERMOSTAT ROOM THERMOSTAT TERMOSTATO AMBIENTE ТЕРМОСТАТА ОКРУЖАЮЩЕЙ СРЕДЫ
<b>ST</b>	SPIA TENSIONE QUADRO LAMPE TEMOIN MISE SOUS TENSION SICHERHEITSTHERMOSTAT MIT MANUELLER RÜCKSETZUNG POWER LAMP TESTIGO TENSÓN TABLERO ИНДИКАТОР НАПРЯЖЕНИЯ ЩИТА	<b>ST</b>	SPIA TENSIONE QUADRO LAMPE TEMOIN MISE SOUS TENSION NETZANZEIGE POWER LAMP TESTIGO TENSÓN TABLERO ИНДИКАТОР НАПРЯЖЕНИЯ ЩИТА
<b>L2</b>	TERMOSTATO DI SICUREZZA A RIARMO MANUALE THERMOSTAT DE SECURITE A REARMEMENT MANUEL SICHERHEITSTHERMOSTAT MIT MANUELLER RÜCKSETZUNG LIMIT THERMOSTAT WITH MANUAL RESTART TERMOSTATO DE SEGURIDAD DE REARME MANUAL ПРЕДОХРАНИТЕЛЬНЫЙ ВЫКЛЮЧАТЕЛЬ С РУЧНЫМ СБРОСОМ	<b>BR</b>	BRUCIATORE BRULEUR BRENNER BURNER QUEMADOR ГОРЕЛКА
<b>RV</b>	COMMUTATORE RISCALDAMENTO-ARRESTO-VENTILAZIONE COMMUTATEUR CHAUFFAGE - ARRÊT - VENTILATION UMSCHALTER HEIZUNG-STOPP-BELÜFTUNG HEATING-STOP-VENTILATION SWITCH CONMUTADOR CALEFACCIÓN - PARO - VENTILACIÓN ПЕРЕКЛЮЧАТЕЛЬ НАГРЕВ-СТОП-ВЕНТИЛЯЦИЯ		

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ErP 2016/2281/UE					
Requisiti di informazione per i generatori di aria calda - Exigences en matière d'information pour les appareils de chauffage à air chaud Informationsanforderungen für Luftheizungsgeräte - Information requirements for warm air heaters Requisitos de información para generadores de aire caliente					
Modello - Modèle Modell - Model Modelo			CONFORT 35	CONFORT 70	CONFORT 100
Generatori di aria calda - Appareils de chauffage à air chaud Luftheizungsgeräte - Warm air heaters Generadores de aire caliente			C <sub>2</sub>		
Tipo di combustibile - Type de combustible - Brennstoffart Type of fuel - Tipo de combustible			Liquido - Liquide Flüssig - Liquid Líquido		
Capacità di riscaldamento nominale - Puissance calorifique nominale Nennwärmeleistung - Rated heating capacity Potencia nominal de calefacción	P <sub>rated,h</sub>	[kW]	34,8	70,8	100,5
Capacità minima - Puissance minimale - Mindestleistung Minimum capacity - Potencia mínima	P <sub>min</sub>	[kW]	34,8	70,8	100,5
Efficienza utile alla capacità di riscaldamento nominale Rendement utile à la puissance calorifique nominale Nutzwirkungsgrad bei Nennwärmeleistung Useful efficiency at rated heating capacity Eficiencia útil a la potencia nominal de calefacción	η <sub>nom</sub>	[%]	93,4%	93,2%	93,8%
Efficienza utile alla capacità minima - Rendement utile à la puissance minimale Nutzwirkungsgrad bei Mindestleistung - Useful efficiency at minimum capacity Eficiencia útil a la potencia mínima	η <sub>pl</sub>	[%]	93,4%	93,2%	93,8%
Consumo elettrico alla capacità di riscaldamento nominale Consommation d'électricité à la puissance calorifique nominale Stromverbrauch bei Nennwärmeleistung Electric power consumption at rated heating capacity Consumo de energía eléctrica a la potencia nominal de calefacción	e <sub>lmax</sub>	[kW]	0,125	0,460	0,380
Consumo elettrico alla capacità minima Consommation d'électricité à la puissance minimale Stromverbrauch bei Mindestleistung Electric power consumption at minimal capacity Consumo de energía eléctrica a la potencia mínima	e <sub>lmin</sub>	[kW]	0,125	0,460	0,380
Consumo elettrico in modo «stand-by» - Consommation d'électricité en mode veille Stromverbrauch im Bereitschaftszustand - Electric power consumption in standby mode Consumo de energía eléctrica en modo de espera	e <sub>lmsb</sub>	[kW]	0,005	0,005	0,005
Fattore di perdita dell'involucro - Coefficient de pertes de l'enveloppe Hüllenverlustfaktor - Envelope loss factor Factor de pérdidas de la envoltura	F <sub>env</sub>	[%]	0,0%	0,0%	0,0%
Consumo del bruciatore di accensione - Consommation d'énergie du brûleur d'allumage Leistungsaufnahme der Zündflamme - Ignition burner power consumption Consumo de energía del quemador de encendido	P <sub>ign</sub>	[kW]	0,1	0,5	0,4
Emissioni di ossidi di azoto - Émissions d'oxydes d'azote Stickoxidemissionen - Emissions of nitrogen oxides Emisiones de óxidos de nitrógeno	NO <sub>x</sub>	mg/kWh (GCV)	136	133	126
Efficienza di emissione - Rendement d'émission Wirkungsgrad der Wärmeabgabe - Emission efficiency Eficiencia de emisión	η <sub>s,flow</sub>	[%]	86,2%	87,5%	86,1%
Efficienza energetica stagionale del riscaldamento d'ambiente Efficacité énergétique saisonnière pour le chauffage des locaux Raumheizungs- Jahresnutzungsgrad Seasonal space heating energy efficiency Eficiencia energética estacional de calefacción de espacios	η <sub>s,h</sub>	[%]	74,6%	74,9%	74,8%

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