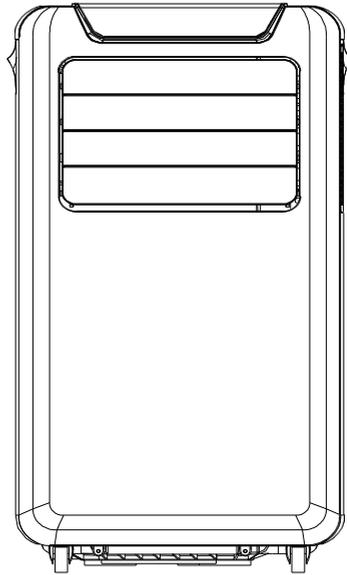


SIP Industrial Products Ltd  
Gelders Hall Road  
Shepshed  
Loughborough  
Leicestershire  
LE12 9NH  
United Kingdom

# SIP 4 – in – 1 Air Conditioner

SIP Code 05647



For help and advice please  
contact your distributor, or  
SIP directly on:  
TEL: 01509 500400  
Email:  
sales@sip-group.com  
Or  
Customerservice@sip-  
group.com

**Sip**  
SIP INDUSTRIAL

[www.sip-group.com](http://www.sip-group.com)



# CONTENTS

Page No.	Description
3.	Contents
4.	Safety Instructions
6.	Electrical Connection
8.	Technical Specifications
8.	Guarantee
9.	Getting to know your Air Conditioning
10.	Positioning
11.	Operating Instructions
13.	Remote Control
14.	Installation
15.	Maintenance
16.	Troubleshooting
17.	Notes
18.	UK - Declaration of Conformity
19.	EU - Declaration of Conformity

# SAFETY LABELS USED THROUGHOUT THIS MANUAL



Danger / Caution: Indicates risk of personal injury and/or the possibility of damage.



Warning: Risk of electrical injury or damage!



Note: Supplementary Information.

## SAFETY INSTRUCTIONS



**IMPORTANT:** Please read the following instructions carefully, failure to do so could lead to serious personal injury and / or damage to the item.

When using your Air Conditioner, basic safety precautions should always be followed to reduce the risk of fire, electric shock, personal injury and / or damage to the item. Read all these instructions before operating the item and save this user manual for future reference.

SIP recommends that this item should *not* be modified or used for any application other than that for which it was designed; It was designed for the short term dehumidifying of offices, houses etc. If you are unsure of its relative applications do not hesitate to contact us and we will be more than happy to advise you.

- **KNOW YOUR AIR CONDITIONER,:** Read and understand the owner's manual and labels affixed to the item. Learn its applications and limitations, as well as the potential hazards specific to it.
- **DO NOT USE THE AIR CONDITIONER, IN DANGEROUS ENVIRONMENTS:** Always provide adequate space around the item.
- **DO NOT OPERATE THE AIR CONDITIONER IN EXPLOSIVE ATMOSPHERES:** Do not use in the presence of flammable liquids, gases, dust or other combustible sources.
- **KEEP CHILDREN AND UNTRAINED PERSONNEL AWAY FROM THE WORK AREA:** All visitors should be kept at a safe distance from the work area.
- **STORE THE AIR CONDITIONER SAFELY WHEN IT IS NOT IN USE:** It should be stored in a dry, locked cupboard, or similar when not in use wherever possible and out of the reach of children.

## SAFETY INSTRUCTIONS Cont...

- STAY ALERT: Always watch what you are doing and use common sense.
- DISCONNECT THE AIR CONDITIONER FROM THE MAINS SUPPLY: When not in use.
- AVOID UNINTENTIONAL STARTING: Make sure the switch is in the OFF position before connecting the item to the mains supply.
- DO NOT ABUSE THE MAINS LEAD: Never carry by the mains lead or pull it to remove the plug from the mains socket. Keep the mains lead away from heat, oil and sharp edges. If the mains lead is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid unwanted hazards.
- HAVE YOUR AIR CONDITIONER REPAIRED BY A QUALIFIED PERSON: The product is in accordance with the relevant safety requirements. Repairs should only be carried out by qualified persons using original spare parts, otherwise this may result in considerable danger to the user. Repairers **must** be **Qualified** to service products with flammable refrigerants.
- WARNING! RISK OF ELECTRIC SHOCK. Do not expose the air conditioner to water spray, rain, dripping water or moisture of any kind.
- DANGER! Check that the Air Conditioner is in sound condition and good working order. Take immediate action to repair or replace damaged parts.
- WARNING! Do not use the Air Conditioner near flammable material, liquids, solids, gases or compressed gas cylinders.
- NEVER use this Air Conditioner where flammable vapours may be present.
- NEVER cover the Air Conditioner, or obstruct the inlet or outlet.
- NEVER move or handle Air Conditioner while still hot or on.
- ALWAYS locate Air Conditioner on a stable and level surface.
- ALWAYS unplug the Air Conditioner when not in use.
- ALWAYS recommended parts only - Unapproved parts may be dangerous and will invalidate the warranty.
- Do not leave the Air Conditioner unattended when in use. Switch the item off and unplug from the mains supply before leaving the area.
- NEVER allow children to 'play' with the Air Conditioner - It is not a toy.
- Use only the electrical power (voltage and frequency) specified on the specification label of the Air Conditioner.
- Do not use under temperatures below 15 degrees.
- Do not use the Air Conditioner outside. Exposure to direct sunlight or rain may result in overheating, electric shock or fire.
- Appliance shall be installed, operated and stored in a room in a floor area larger than 10.1m<sup>2</sup>.
- Keep the unit at least 1 meter away from TV or radios to avoid electromagnetic interferences.
- Do not tilt the unit while transporting.
- Empty the condensed drainage pan before putting the unit in storage to prolong the unit lifetime at the end of the season.
- The battery must be removed from the appliance before it is scrapped and to be disposed of safely.

## SAFETY INSTRUCTIONS Cont...



### WARNING!

Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.  
The appliance shall be stored in a room without continuously operating ignition sources  
For example: open flames, an operating gas appliance or an operating electric heater.  
Do not pierce or burn.  
Be aware that refrigerants may not contain an odour.  
– the maximum refrigerant charge amount: 210 g

## ELECTRICAL CONNECTION

WARNING! It is the responsibility of the owner and the operator to read, understand and comply with the following:

You must check all electrical products, before use, to ensure that they are safe.

You must inspect power cables, plugs, sockets and any other connectors for wear or damage.

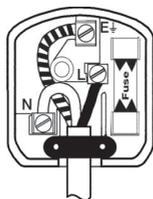
You must ensure that the risk of electric shock is minimised by the installation of appropriate safety devices; A residual current circuit Breaker (RCCB) should be incorporated in the main distribution board. We also recommend that a residual current Device (RCD) is used. It is particularly important to use an RCD with portable products that are plugged into a supply which is not protected by an RCCB. If in any doubt consult a qualified electrician.

### *Connecting to the power supply:*

This SIP Air Conditioner is fitted with a standard 230v ~ 13 amp type plug. Before using the Air Conditioner, inspect the mains lead and plug to ensure that neither are damaged. If any damage is visible have the item inspected / repaired by a suitably qualified person. If it is necessary to replace the plug a heavy duty impact resistant plug would be preferable.

The wires for the plug are coloured in the following way:

Yellow / Green - Earth  
Blue - Neutral  
Brown - Live



# ELECTRICAL CONNECTION Cont...

As the colours of the wires may not correspond with the markings in your plug, proceed as follows: The wire which is coloured blue, must be connected to the terminal marked with N or coloured black. The wire which is coloured brown, must be connected to the terminal, which is marked L or coloured red. The wire which is coloured yellow / green should be connected to the terminal which is coloured the same or marked. 

Always secure the wires in the plug terminal carefully and tightly. Secure the cable in the cord grip carefully.



**Warning:** Never connect live or neutral wires to the earth terminal of the plug. Only fit an approved plug with the correct rated fuse (13 amp). If in doubt consult a qualified electrician.



**Note:** Always make sure the mains supply is of the correct voltage and the correct fuse protection is used. In the event of replacing the fuse always use a 13 amp fuse. Do not use other high powered items on the same electrical circuit.



**Note:** Due to the input current of the item, an extension lead should not be used to connect the item to the mains supply; If an extension lead is connected, the correct size and quality must be ensured to avoid any incident.

The protective device may cut the power off in the situations listed below.

- Cooling
  - Indoor Air temperature is over 43°C.
  - Room temperature is below 15°C.
- Dehumidifying
  - Room temperature is below 15°C.
- Heating
  - Room temperature is over 31°C.

The protective device may cut the power off for 3 minutes in the situations listed below.

- After operations stops or a change of mode.
- If the unit is unplugged without switching off the device before. Moreover, it will return to the original mode and the timer should be set again.

# TECHNICAL SPECIFICATION

Part Number	05647
Input Voltage:	230v ~ 50hz
Cooling/Heating Input Current:	4.6A / 3.8A
Cooling/Heating Input Power:	1050W / 850W
Dehumidify Capacity:	1.2 l/h (30°C 80%) 0.6 l/h (27°C 60%)
Cooling Capacity:	10000Btu / 2900W
Airflow:	380 m3/h
Heating Capacity:	8000Btu / 2300W
Energy Efficiency Ratio (EER):	2.6 / A Class
Refrigerant Charge:	R290/210g
Weight:	25.5 Kg
Sound Pressure Level (dB):	65dB
Coverage:	18 m3

## GUARANTEE

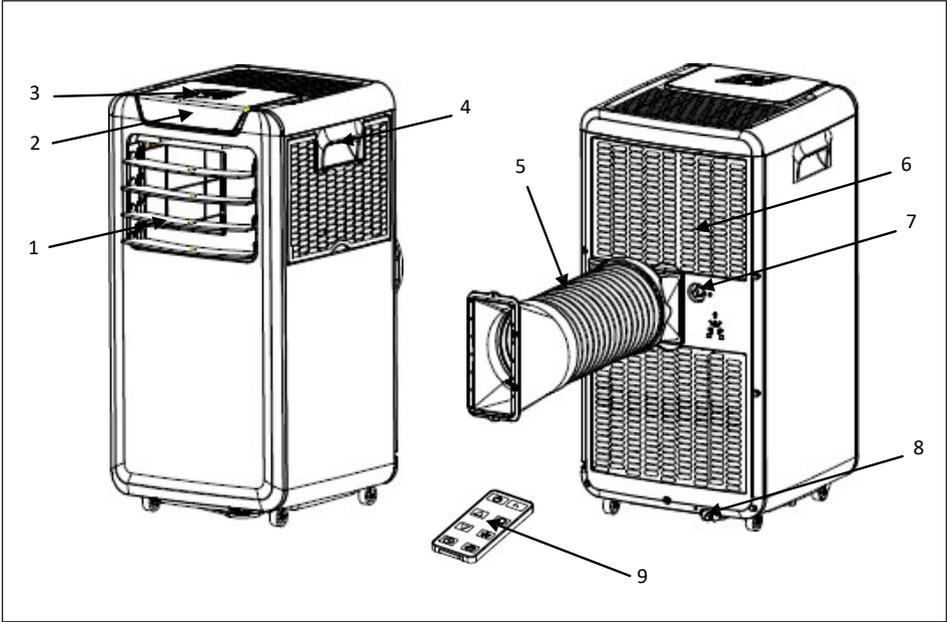
This SIP Air Conditioner is covered by a 24 - month parts and labour warranty covering failure due to manufacturers defects. This does not cover failure due to misuse or operating the machine outside the scope of this manual.

In the unlikely event of warranty claims, contact your distributor as soon as possible. Proof of purchase will be required before any warranty can be honoured.



**Note:** Proof of purchase will be required before any warranty can be honoured.

# GETTING TO KNOW YOUR AIR CONDITIONER

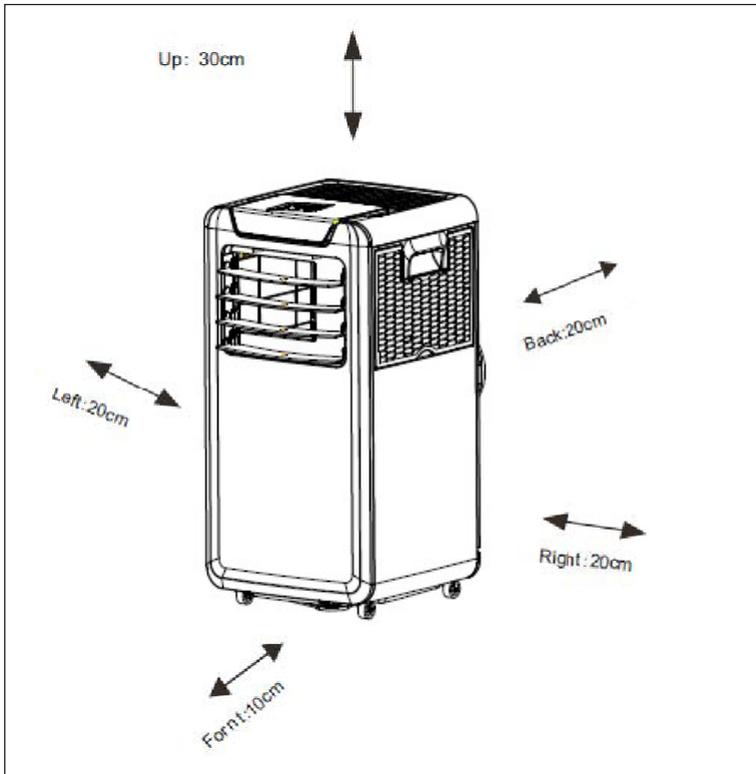


Item No.	Description	Item No.	Description
1.	Adjustable Vents	6.	Evaporator Inlet
2.	Signal Receptor	7.	Continuous Outlet
3.	Control Panel	8.	Drain
4.	Transport Handle	9.	Remote Control
5.	Exhaust Duct		

# POSITIONING

For efficient and safe operation of the Air Conditioner, it must be positioned with the minimum distances showed in the picture below.

Larger distances will ensure a better performance of the unit.



# OPERATING INSTRUCTIONS



## Main Buttons Operation

1. Plug-in & switch on the unit then press the power button.
2. Select Operation Mode.  
AUTO - COOL - DRY - FAN - HEAT
3. Adjust Temperature.  
It can be set in a range between 15°C to 31°C by 1°C.  
Press ▲ or ▼ to increase or decrease the temperature by 1°C. The unit will show the target for 5 seconds and then displays the room temperature.
4. Adjust Fan Speed.  
Press  to select the desired speed fan (  ).
5. Turn the unit off.  
Press power button to turn the unit off. A beep will be emitted and it will stop working.
6. Sleep Mode.  
The sleep mode is effective when you are operating under HEAT & COOL modes. Once you press the button, the unit will go under the sleep mode and the fan will start to work at low speed. The set temperature will increase 1°C after 1hr and 2°C after 2hrs. After 6 hrs, the unit will stop running.
7. Timer.  
Press this button to set Automatic Off time while the unit is running.  
Press this button to set Automatic ON time while the unit is ready.  
The time can be adjusted within a range of 1hr to 24hr pressing ▲ ▼.
8. Swing (Factory option).  
Press this button to set the swing On/Off.

# OPERATING INSTRUCTIONS Cont...

## Mode Operation

- AUTO Mode

Once this mode is selected, the indoor temperature sensor operates automatically to select the desired operation mode with COOL - HEAT - FAN.

- When your room temperature is above 24°C, the unit will automatically select COOL mode.

- When your room temperature is = 23°C, the unit will automatically select FAN mode.

- When your room temperature is below 22°C, the unit will automatically select HEAT mode.

- DRY Mode

Once this mode is selected, the fan will run at low speed and it cannot be adjusted.

- The compressor and the fan will stop running after 8 minutes, then run again after 6 minutes.

- The unit adopts constant temperature dehumidifying mode, and the adjustment of the temperature is not effective.

- COOL Mode

- When the temperature is higher than set temperature, the compressor starts to run.

- When the temperature is lower than set temperature, the compressor stops and the fan come back to operate at previous set speed.

- FAN Mode

- The fan runs at the selected speed and the compressor does not run.

- HEAT Mode

- When the room temperature is higher than the set temperature, the unit will stop heating function.

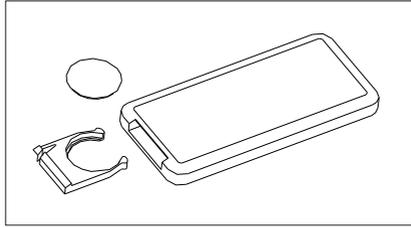
- When the room temperature is lower than the set temperature, the unit will start heating function.



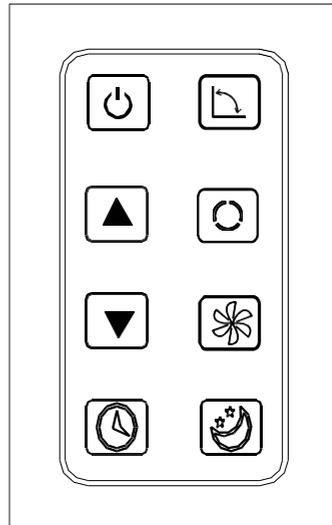
**Note:** Set temperature to maximum to enable heat function to work and adjust once heating starts.

# REMOTE CONTROL

- Insert the batteries of the remote. Be sure the direction is right.
- Always aim the remote control to the signal receptor (page 9).



- On / Off button 
- Setting buttons  
- Timer button 
- Swing set 
- Operation Mode 
- Fan Speed button 
- Sleep button 



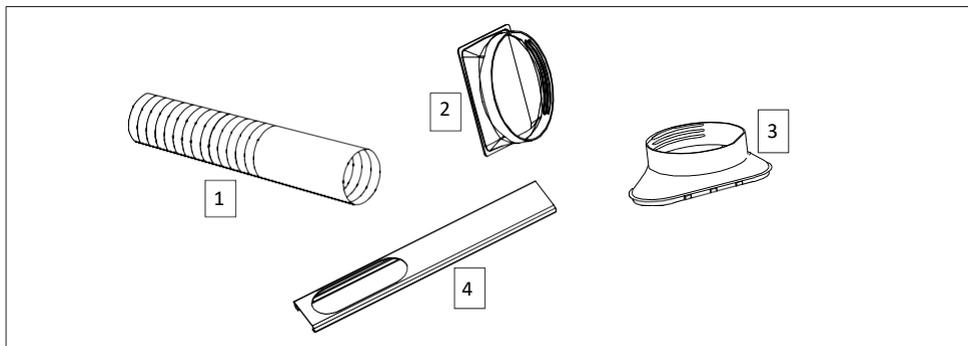
**Note:** Always dispose used batteries safely and appropriately. Contact you local council for advice.



**Note:** Replacement battery is CR2025 type (3v Lithium).

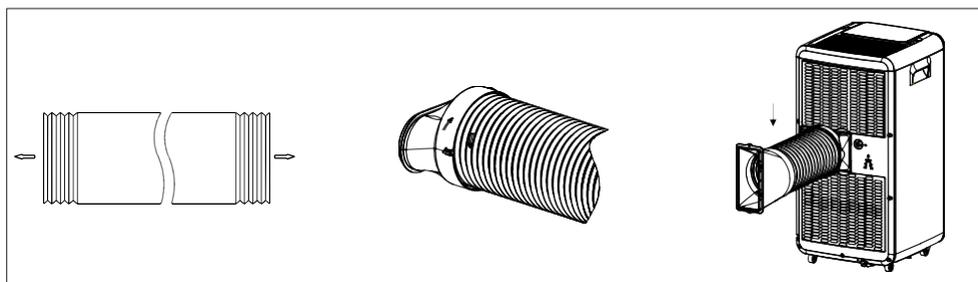
# INSTALLATION

## Accessories



Item No.	Description	Item No.	Description
1.	Air Exhaust Duct	3.	Window Adapter
2.	Duct Connector	4.	Baffle Plate

1. Extend the air exhaust duct.
2. Screw the air exhaust duct into the connector.
3. Connect the connector of air exhaust duct to the unit.



# MAINTENANCE

There will be condensate water in this unit. If the E4 code show up on the display, It means that you should drain the water out of the system.

Please, switch the device off, remove the drain plug and drain the water out completely.

Remember to put the drain plug back into the outlet.

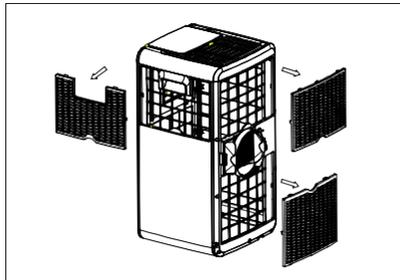
## General Maintenance

- Wipe it with a soft and dry cloth. Never use corrosive or volatile products to clean the unit. On the contrary, you can use warm water (below 40°C) if the unit is very dirty. Never spray any liquid directly onto the unit. Risk of electric shock.
- If the unit is not going to be used for a long time, drain the water from the two drain systems out. Moreover, keep the unit working for 4 hrs only with the fan to dry the internal system before store it.
- Take the out the batteries of the remote and dispose them properly.

## Air Filter Maintenance

The air filter should be cleaned after 100 hours of use. If it is located in a dusty environment, it should be done every 25 hours.

1. Switch the unit off and wait until it cools down.
2. Take the plastic covers out as it is indicated in the picture below
3. Clean them with a vacuum cleaner and warm water (below 40°C). Dry and put them back to the unit.



# TROUBLESHOOTING

Situation	Reason
Does not run	<ul style="list-style-type: none"> <li>- Protector system or fuse is blown.</li> <li>- Please, wait 3 minutes and start again.</li> <li>- Check the batteries of the remote.</li> <li>- Check the plug of the unit, the socket and electric system.</li> </ul>
Runs shortly	<ul style="list-style-type: none"> <li>- Check if the set temperature is close to room temperature.</li> <li>- Air outlet is blocked.</li> </ul>
Runs but not cooling	<ul style="list-style-type: none"> <li>- Check if the windows or door are open.</li> <li>- Check if there is another device heating the area.</li> <li>- Check the air filter &amp; clean.</li> <li>- Air outlet or intake is blocked.</li> <li>- Set temperature is too high.</li> <li>- Anti-frost protection mode on.</li> </ul>
Runs but not cooling	<ul style="list-style-type: none"> <li>- Anti-frost protection mode on.</li> <li>- Cold-air protection mode on.</li> </ul>
Water leak during moving	<ul style="list-style-type: none"> <li>- Drain the condensate water before moving.</li> <li>- Locate the unit on a flat floor.</li> </ul>
Does not run and water tank indicator is on	<ul style="list-style-type: none"> <li>- Pull out the rubber plug to drain the water out.</li> <li>- If it is happening frequently, please contact the service department.</li> </ul>
Led displays shows E failures	<ul style="list-style-type: none"> <li>- E2 / Room temperature sensor fails or damaged.</li> <li>- E3 / Evaporator oil pipe sensor failed or damaged.</li> <li>- E4 / Water full warning.</li> <li>-E5 / Condenser coil pipe sensor failed or damaged.</li> </ul>



# UK DECLARATION OF CONFORMITY

## Declaration of Conformity

We

SIP (Industrial Products) Ltd  
Gelders Hall Road  
Shepshed  
Loughborough  
Leicestershire  
LE12 9NH  
England

As the manufacturer within the UK, England, Scotland & Wales, declare that the

SIP Air Conditioner with heat function - SIP Part. No. 05647

**Conforms to the requirements of the following directive(s), as indicated.**

Electrical Equipment (Safety) Regulations 2016

Electromagnetic Compatibility Regulations 2016

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

**And the relevant harmonised standard(s), including**

BS EN 55014-1:2017

BS EN 55014-2:2015

BS EN 61000-3-2:2019

BS EN IEC 61000-3-2:2019

BS EN 61000-3-3:2013/A1:2019

BS EN 60335-1:2012/A2:2019

BS EN 60335-2-40:2003+A13:2012

BS EN 62233:2008



Signed: .....

Mr P. Ippaso - Director - SIP (Industrial Products) Ltd

Date: 16/10/2024



# EU DECLARATION OF CONFORMITY

## Declaration of Conformity

We

SIP (Machinery Europe) Ltd  
Quayside Business Park  
Dundalk  
County Louth  
Republic of Ireland

As the manufacturer's authorised representative  
within the EC declare that the

SIP Air Conditioner with heat function - SIP Part. No. 05647

**Conforms to the requirements of the following directive(s), as indicated.**

2014/35/EU	Low Voltage Directive
2014/30/EU	EMC Directive
2011/65/EU	RoHS Directive

**And the relevant harmonised standard(s), including**

EN 55014-1:2017  
EN 55014-2:2015  
EN 61000-3-2:2019  
EN IEC 61000-3-2:2019  
EN 61000-3-3:2013/A1:2019  
EN 60335-1:2012/A2:2019  
EN 60335-2-40:2003+A13:2012  
EN 62233:2008



Signed: .....

Mr P. Ippaso - Director - SIP (Machinery Europe) Ltd  
Date: 16/10/2024





Please dispose of packaging for the product in a responsible manner. It is suitable for recycling. Help to protect the environment, take the packaging to the local amenity tip and place into the appropriate recycling bin.



Never dispose of electrical equipment or batteries in with your domestic waste. If your supplier offers a disposal facility please use it or alternatively use a recognised re-cycling agent. This will allow the recycling of raw materials and help protect the environment.

FOR HELP OR ADVICE ON THIS PRODUCT PLEASE CONTACT YOUR DISTRIBUTOR, OR SIP DIRECTLY ON:  
TEL: 01509 500400  
EMAIL: Customerservice @sip-group.com