



Elbow Pump c/w Trunking

PRODUCT CODE
GMP54

The pump is designed to collect condensate water from air conditioning machines and discharge it up to recommended maximum 5 metres head. The internal safety float is a low current switch to stop the air conditioning system in the event of pump failure. The pump is operated from an internal float switch.

Electrical warning! Isolate before working on this unit

SERVICE GUIDE:

Flush the pump through with anti-bacterial wash every six months to avoid sludge build-up in the pump housing.

NB The contractors should satisfy themselves that any chemicals used are compatible with the working of the pump.

IMPORTANT:

Pump should be filled with water until motor runs, check for leaks and proper discharge of water.

Ensure that there are no kinks or trapped parts in the piping, which must have an inside diameter of 6mm. Fix the pipe with cable ties to the pump outlet.

IMPORTANT:

The pre-wired safety switch MUST ALWAYS be utilised.

TECHNICAL SPECIFICATION:

- 20L/h max. flow
- 21 dB(A) @ 1 m
- Simple and fast to install
- Supplied with SpeediDuct trunking
- 10 m max. recommended head
- Perfect for commercial and domestic use
- Only operates when required, resulting in lower power consumption and increased energy efficiency
- Backed by a 2-year warranty
- Same range as the popular STORNRCH High Flow Tank Pump



The information in this datasheet is intended for reference purposes only and may be modified at any time without prior notice or obligation. All data is provided in good faith and is accurate to the best of our knowledge at the time of release.

Elbow Pump c/w Trunking

IMPORTANT

1 This appliance should ONLY be fitted and serviced by a competent & qualified HVAC/R installer in accordance with these instructions and all relevant local and national electrical codes and regulations.

2 This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

3 Children shall not play with the appliance.

4 If the Supply Cord is damaged the pump must be switched off to avoid a hazard. The whole pump will need to be replaced.

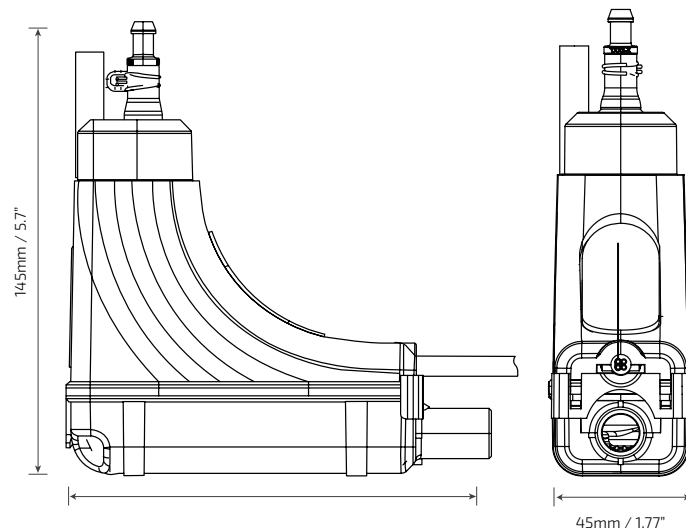
5 Switch off the isolator to isolate the pump from the electrical supply or disconnect from the electrical supply following the National wiring rules.

6 Always disconnect the pump from the electrical supply before assembling disassembling or cleaning.

7 This appliance is intended for indoor use only and must not be allowed to freeze.

8 Saturate foam filter with water before use.

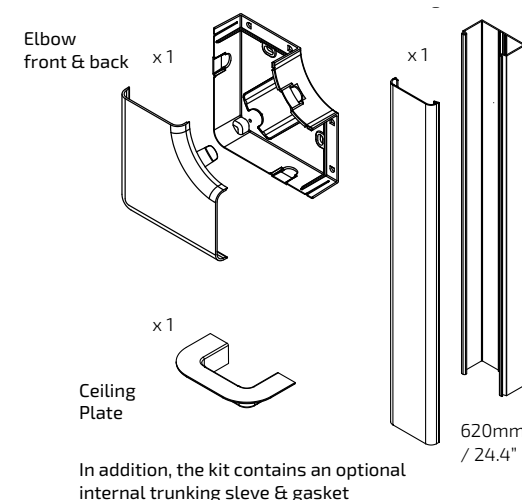
The information in this datasheet is intended for reference purposes only and may be modified at any time without prior notice or obligation. All data is provided in good faith and is accurate to the best of our knowledge at the time of release.



WHAT'S IN THE BOX

- Störnch Elbow pump
- 500mm inlet hose 14mm ID
- Elbow front and back
- 620mm trunking front and back
- Ceiling plate
- Drain connector kit
- Anti-siphon device
- Internal Trunking Sleeve
- Gasket
- Quick Start Guide

6:



In addition, the kit contains an optional internal trunking sleeve & gasket





Elbow Pump c/w Trunking

IMPORTANT

1 This pump has been designed for the removal of pH neutral air conditioner condensate water ONLY.

2 Confirm condensate production of indoor evaporating coil is within capacity of condensate pump.

3 Check for any construction debris that has entered the evaporator coil, drain pan and/or pump reservoir and remove prior to initial activation of pump.

4 Ensure correct time delay 250V (T1A 250V) 1 Amp fuse is correctly installed.

5 Following installation of the pump it should be filled with water until the motor runs. Pipes and connections should be checked for leaks and discharge of water checked.

The operation of the safety switch should also be checked.

6 Do not use these pumps in oily or very dusty environments.

7 Connect hose to the pump outlet assembly and install hose and wiring in accordance with manufacturers instructions. Do not use discharge hose larger than 1/4"/6mm I.D.

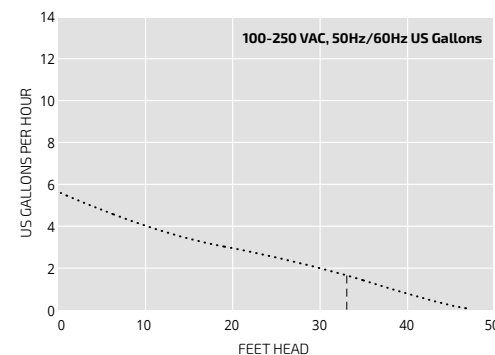
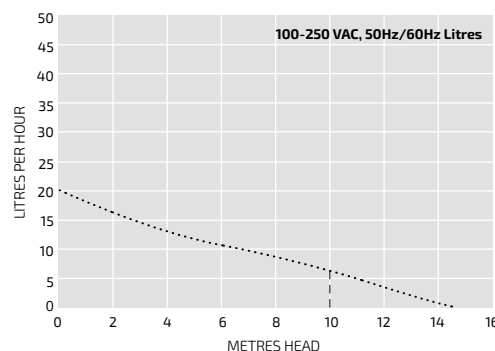
8 Inspect pump, clean sensor body and filter regularly.

9 Do not operate this pump when any unapproved cleaning chemicals are present in the condensate drainage system. Operating the pump when unapproved or poorly mixed cleaning chemicals are present will result in permanent damage to pump and void warranty. Ensure all cleaning chemicals are thoroughly flushed out of the pump with clean water.

10 After initial installation and/or maintenance, do not leave site until pump has been tested for correct operation.

11 NOISE: All Stornch mini pumps operate quietly, however under certain conditions where an extremely low ambient noise level is present, the sound of their intermittent operation may still be perceived as noisy and the pump may have to be sited outside the sensitive area. Always confirm acceptable noise level before installing any condensate pump in a bedroom or other noise sensitive area. Always confirm acceptable noise level before installing any condensate pump in a bedroom or other noise sensitive area.

PERFORMANCE



All Performance data subject to $\pm 15\%$ tolerance

Stornch Elbow Pump: 100-250 VAC 50/60Hz	
Power Supply	0.18A / 2.1W
Max. water flow rate per hr @ 0m / ft	20L / 5.3 US Gal
Max. recommended head	10m / 33ft
dB(A) @ 1m	min 21 dB(A)*
Max. unit output	26kW / 90,000Btu/h / 7.57 ton

- Rated: Continuous
- Class II appliance
- High level safety wires N.C. contacts, 5A max current
- Maximum ambient atmospheric & water
- temperature: 40°C / 104°F
- Inlet o/d: Ø16mm / 5/8"
- Outlet o/d: Ø6mm / 1/4"
- Ensure ALL cleaning chemicals are flushed out of the reservoir after use
- *Assuming solid wall installation with a 2kw unit

0.375
kg

0.827
lbs



Scan here for the
full installation
guide

The information in this datasheet is intended for reference purposes only and may be modified at any time without prior notice or obligation. All data is provided in good faith and is accurate to the best of our knowledge at the time of release.