

CKRS INLINE CIRCULATING PUMP

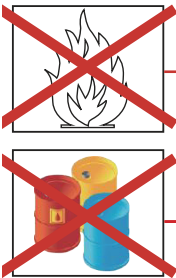


OWNERS MANUAL

Dear Client,
Congratulations on your purchase of a quality pump from the Davies range of pumping products. Like all Davies products, the quality and reliability is first and foremost, carefully chosen from manufactures worldwide to carry this proven brand name and deliver years of service. Please check your pump for any physical damage during transit and advise your supplier if so. Check the name plate to make sure the pump is what you ordered. The longevity of your pump largely depends on its application of use and the environment it is working in. Make sure it is the correct type of pump for the application and it has been sized correctly to meet your required duties.

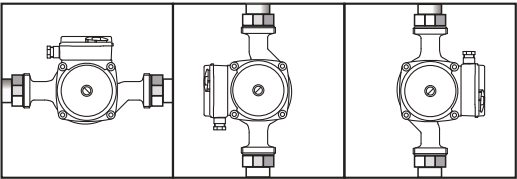
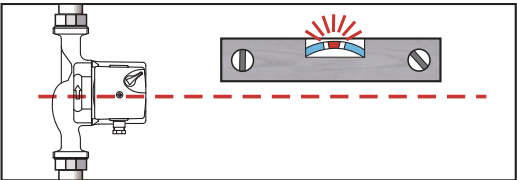


The Davies Pumps CKRS Inline circulating pump has been designed to pump warm liquids without suspended abrasives that can damage the wet rotor operation.



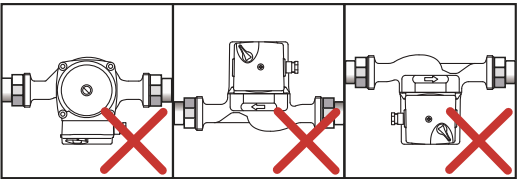
Operation

The pump is lubricated and cooled by the liquid being pumped. Severe damage will be caused if the pump runs dry for over 10 seconds.

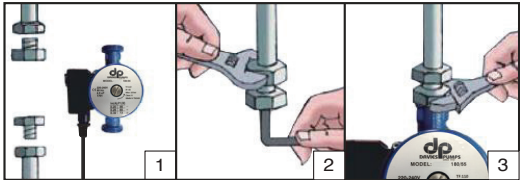


Installation

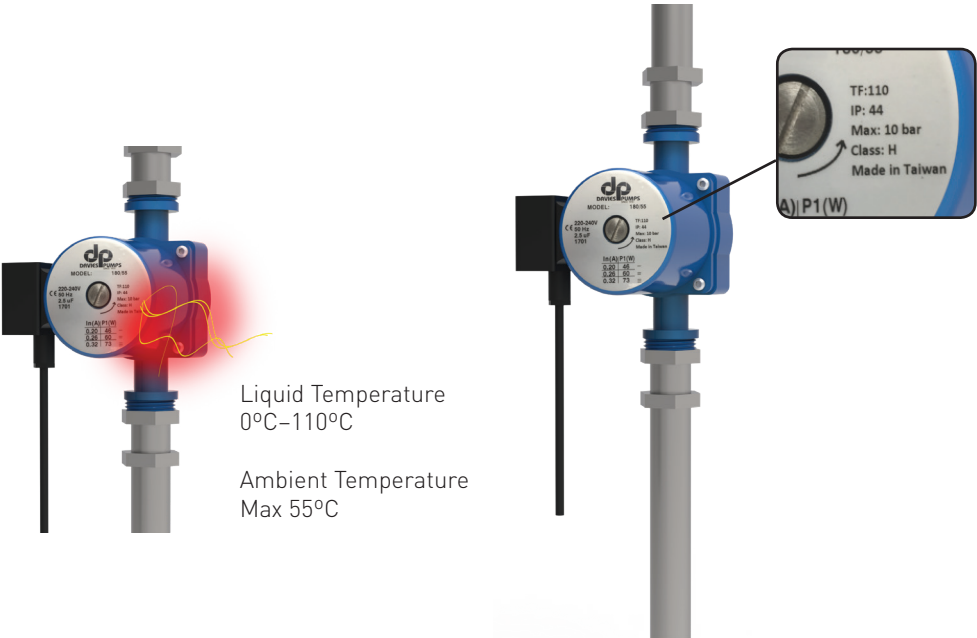
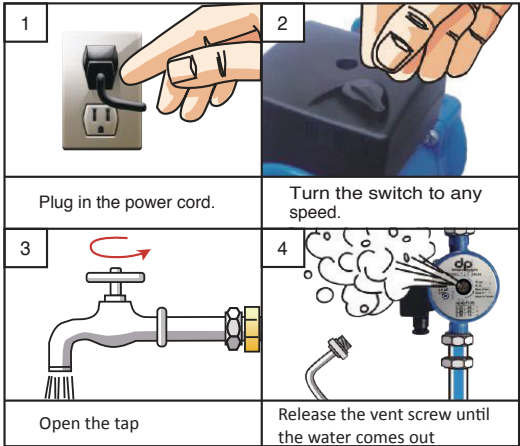
Follow the arrow on the pump body for direction of water flow, it may be installed in vertical or horizontal piping, but the motor shaft must be always in horizontal position as shown.



The connection should be installed according to the procedures shown in the pictures shown right.



After installation, the piping system must be vented.



Problem	Cause	Remedy
Pump doesn't run	* Power supply is not connected	* Check the fuse or the power supply
	* Capacitor is damaged * Bearing blocked while the pump is attempting to run	* Replace capacitor * Run it at a higher speed shortly or rotate the shaft by inserting a screwdriver into the slot at the motor shaft end
	* There are impurities in pump	* Disconnect power and clean the pump
Noise in the system	* The flow is too high * Air in the pump	* Run at a slower speed * Vent the pump
Noise in the pump	* Air in the pump * The inlet pressure is too low	* Vent the pump * Increase the inlet pressure

Argon Distributors Warranty Policy for Davies Pumps

Your Davies Pump, when used for its designed purpose should give you years of trouble free service. Please take the time to read and understand the operator's manual for this pump before installing and running your pump. Failure to install and operate as per the operation instructions will render warranty on this unit void. Davies Pumps are warranted to be free of material and manufacturing defects at the time of purchase.

Warranty Period: 2 Years from date of purchase.

This warranty is limited to the cost of the product and does not cover travel charges, removal and reinstallation charges, consumables, Electrician or Plumbers charges or any other third party costs unless authorized by Argon Distributors prior to being carried out.

Argon distributors will repair or replace for the consumer any portion of the failed item which has proved to be defective within the warranty period. Replacement product or parts may include refurbished parts or components.

The warranty does not cover Damage or malfunction resulting from:

- A. Misuse, accident, fire, water, lightning, negligence, abuse, product modifications.
- B. Repairs or attempted repairs by unauthorized persons
- C. Damages to product caused by transit
- D. Removal or installation of the product
- E. Normal wear and tear.
- F. Water and Insect ingress
- G. Exposure to corrosive conditions
- H. Dry run
- I. Foreign objects in the liquid being pumped
- J. Electrical power fluctuations
- K. Freight

Argon Distributors liability is limited to the cost of the product and shall not be liable for:

- A. Damage to other property caused by defects in the product.
- B. Loss of use of the product.
- C. Loss of time, loss of profits, loss of business opportunity, loss of goodwill
- D. Any other damages-incidental, consequential or otherwise.
- E. Claims under this warranty must give evidence of the Date of purchase, Invoice Copy, Model, Serial Number, photos and information of the installation as soon as the failure has occurred. Owner's details must be noted.

If any of the above is unclear please contact the warranty manager at:

ARGON DISTRIBUTORS Freephone: 0508 634 341