WATERCO EUROPE LTD
Water, the liquid of life

Waterco Indoor Vent Kit
UK Installation Guide

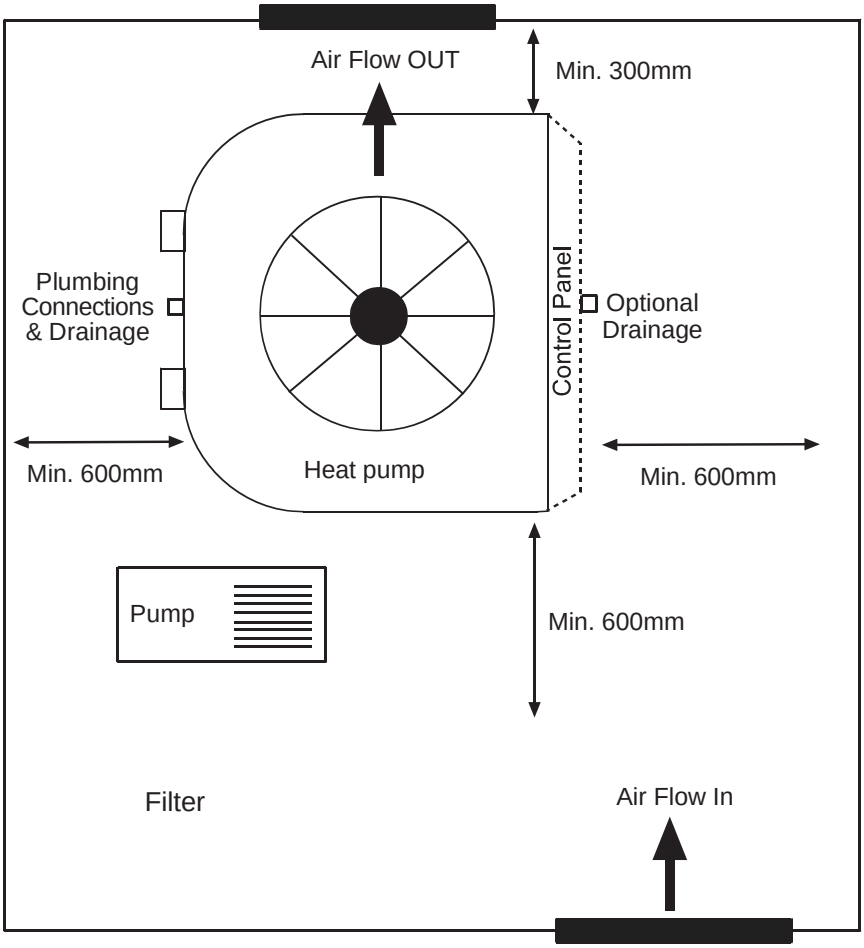
Thank you for purchasing the 'INDOOR VENT KIT' from Waterco. Prior to commencing installation, please make sure that you have read all of the instructions carefully and that you have the necessary tools & adhesives.

If you are not capable of installing the duct kit we recommend that you contact your pool dealer or a skilled tradesman. Make sure power supply to heater is turned off.

TOOLS REQUIRED - Hand Saw, Electric Drill, Screw Drivers, Knife

MATERIALS REQUIRED- Screws sizes 4 x 1" (No. 8) Stainless Steel Screws, Silicon Adhesive (optional)

POSITIONING
Careful consideration must be given to the positioning of the heat pump. A minium 600mm clearance must be catered for to allow service and maintenance access (please see dia. below).



Minimum requirement. To extend, additional flue will be required. Please contact your dealer.

AIR FLOW

Heat pumps work by extracting heat from the ambient air. As such, adequate air flow is **VERY IMPORTANT** to ensure that the heater can work efficiently. We recommend that you install a ventilation screen i.e. plastic/hardwood louver-style door panel or create a mesh-type ventilation screen to the size of

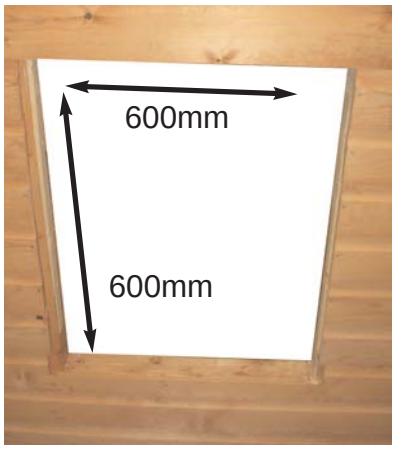
550 x 550 m : **16 kW (55,000) & 25kW (85,000) model**
650 x 650 m : **31 kW (105,00) model.**

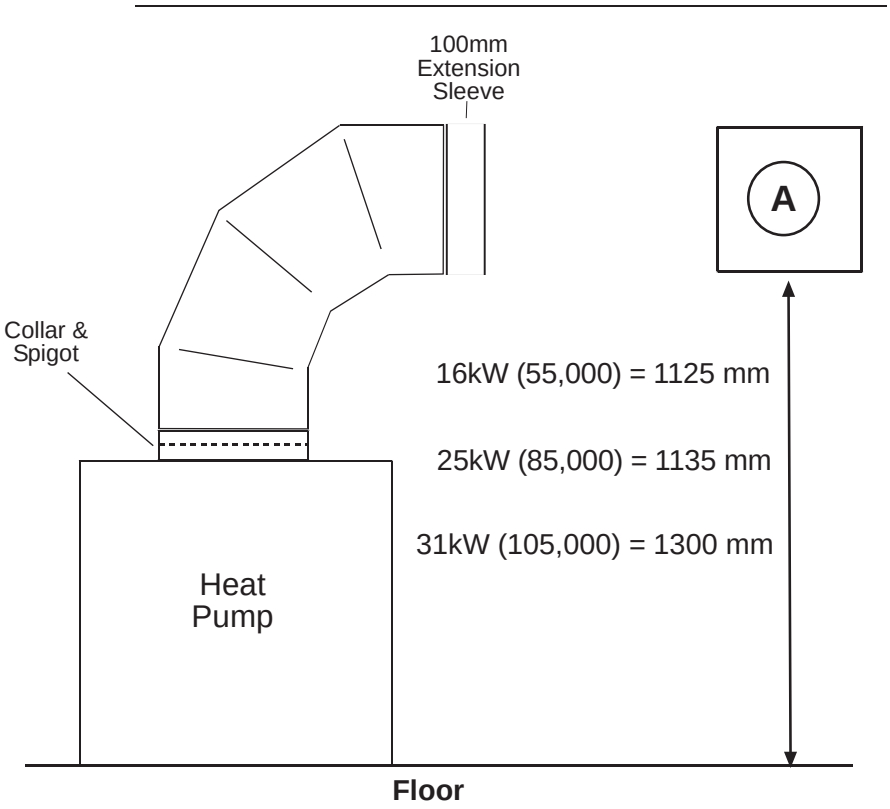
Simple test! To find out if the air supply is adequate, open the shed door while the pump is in operation. If the door moves, this means that there is a difference between the inside and outside pressure. Therefore, the shed is too airtight and a greater supply of air is required. If there is an inadequate supply of air, the heat pump could freeze, even with high outdoor temperatures!

It is very important to make sure that the correct size air ducting is used- see step 3. Incorrect sizing will effect the overall performance of the heat pump

INSTRUCTION

STEP 1 - position heater and cut an access panel 600mm x 600mm (A) into timber, brick or aluminum housing.





STEP 2 Slide aluminium Collar over Spigot and rest on top of fan grille. No glue or additional fixing is required.

Collar

Spigot

STEP 3 Slide 90 degree ducting elbow over collar.

Elbow 16 & 25kW model = 500mm
Elbow 31kW model = 600mm

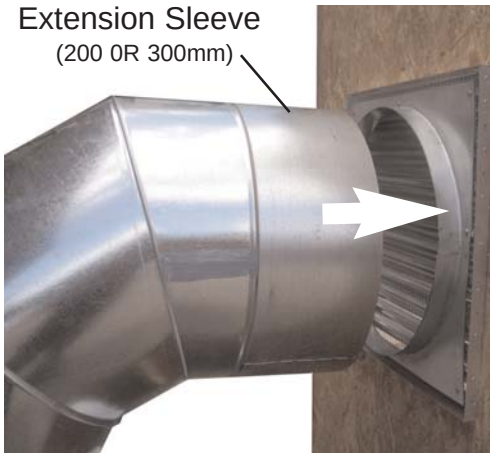
STEP 4 Insert louvre into opening and secure using 4 x 1" (No. 8) Stainless Steel Screws in each corner of the grille.

Optional. Apply a small bead of silicone adhesive to the front of the louvre housing prior to inserting into Opening .

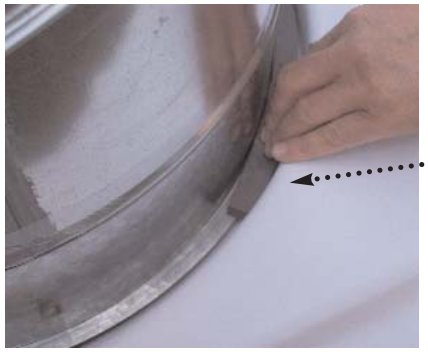
STEP 5 Attach extension sleeve.

200mm - shed type housing
300mm - brick type housing

Position heater to enable the 90 degree elbow to slide over the louvre. No fixing is required.



WARNING!
Do not use screws to fix to air duct to heat pump



STEP 6 Apply self-adhesive fixing foam to the outside edge of the spigot. There is no need to fix the spigot to the fan grille.

Installation is now complete.