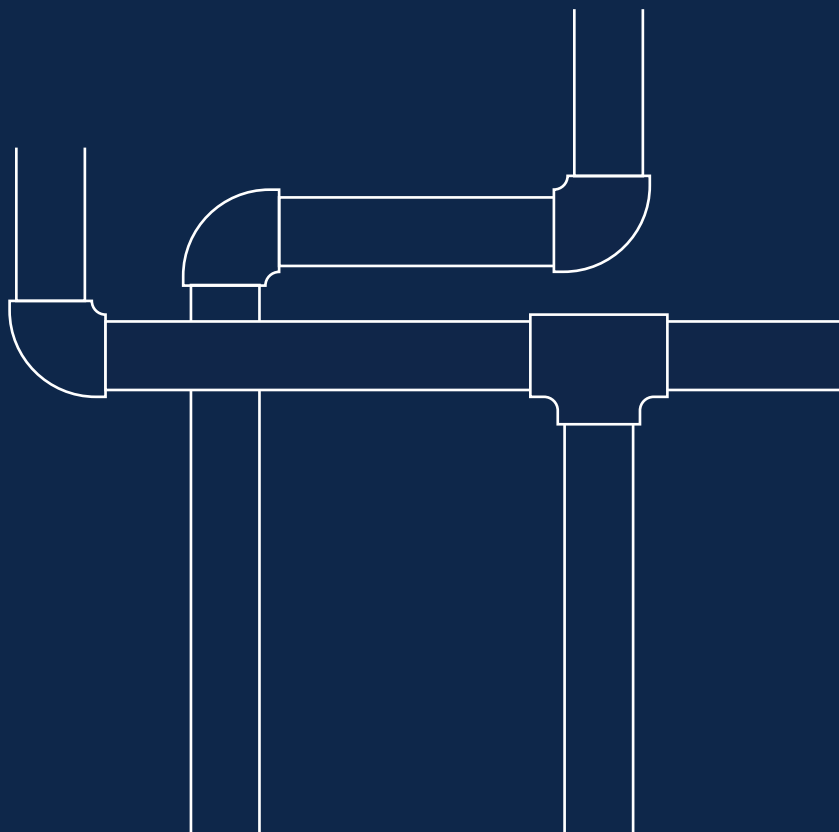




INSTALLATION GUIDE

Plumbing Guide

Arena | Studio | Original | Max



Plumbing Guide

Provision Labels + Usage



REGULAR PROVISIONS

A	SKIMMER SUCTION	50mm	Main pipe from the skimmer box to pool equipment providing chlorination and filtration.
B	MAIN RETURN	40mm	Primary return plumbing returning water from chlorination and filtration through eyeball outlets.
C	SECONDARY RETURN	40mm	Secondary return plumbing for use with secondary pump if required. (For heating etc)
D	SAFETY SUCTION	40mm	Safety suction provisions for use when second pump requirements are needed (For spa jets etc)
E	LED LIGHT	40mm	Wiring for pre-fitted LED light. Requires connection to supplied transformer and 240V GPO.

OPTIONAL PROVISIONS

F	SPA JET RETURN	40mm	Spa jet (optional extra) outlets providing additional outlet and connection to spa equipment.
G	VENTURI JET	25mm	Spa jet (optional extra) venturi valve connection to provide access for air intake. Note: Air-Venturi control valves are not provided.



PHONE
1300 PLUNGIE (758 644)

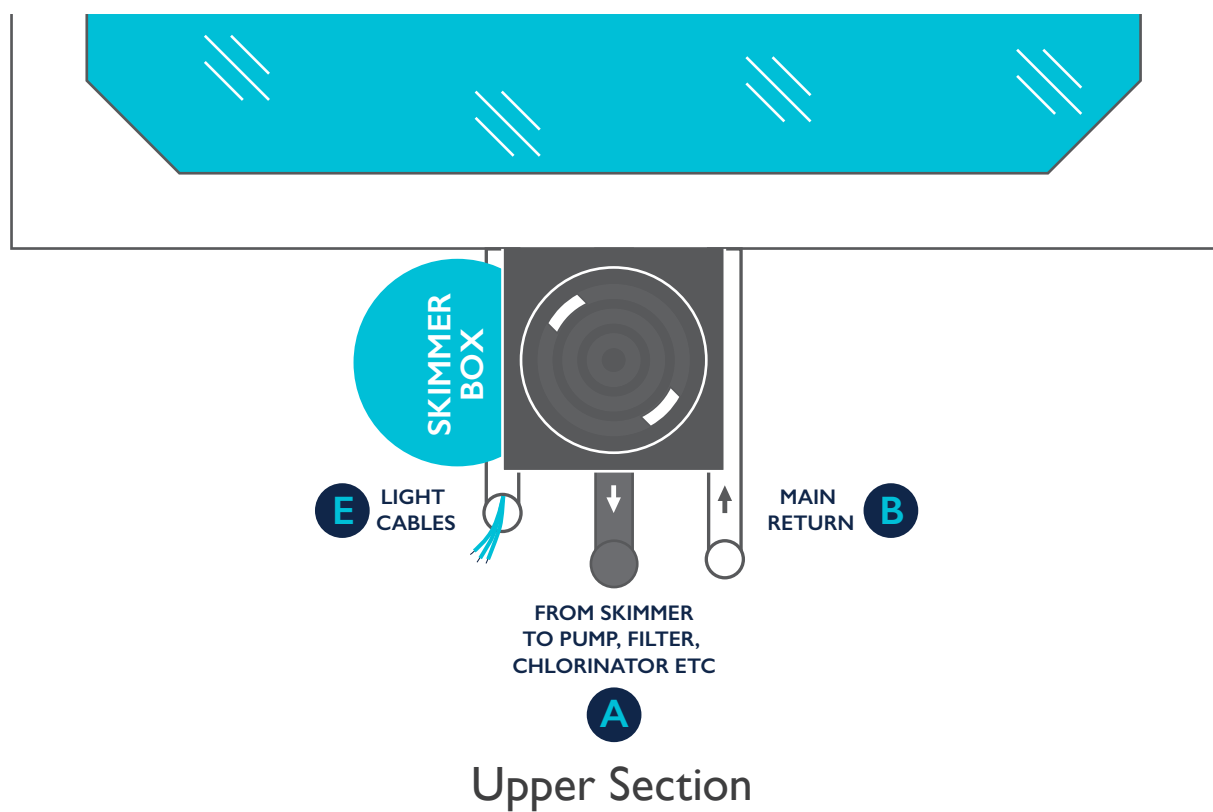
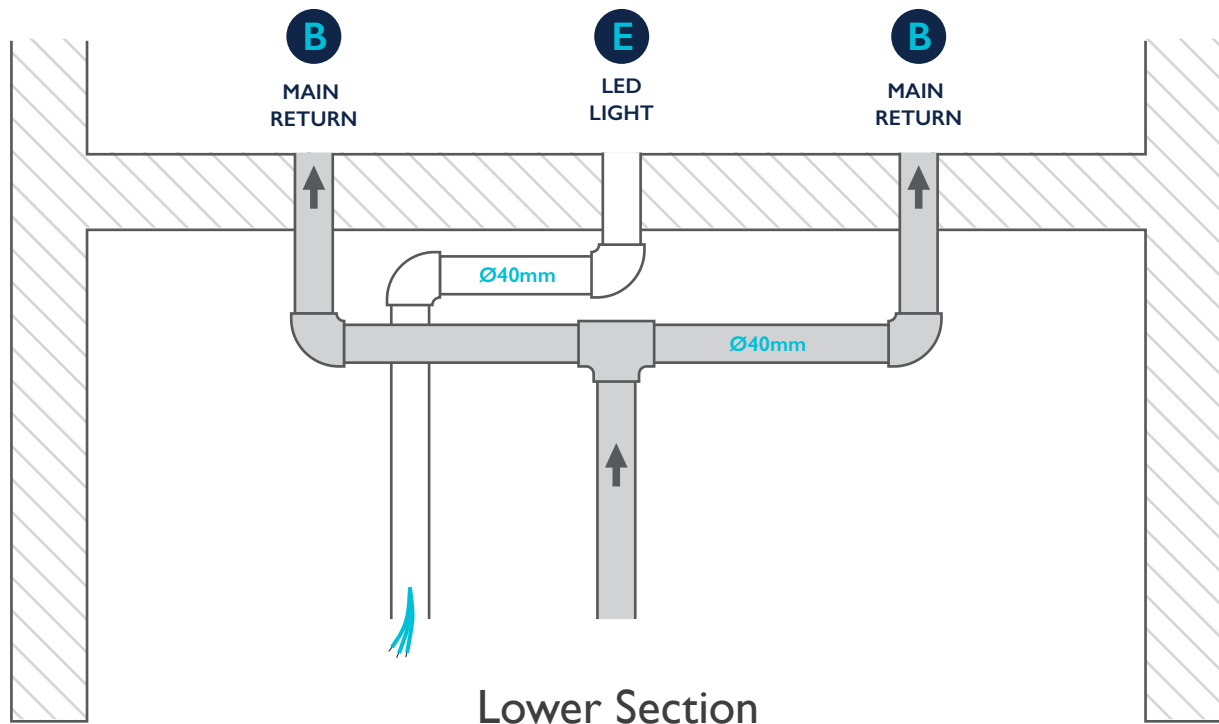
EMAIL
info@plungie.com

VISIT
plungie.com

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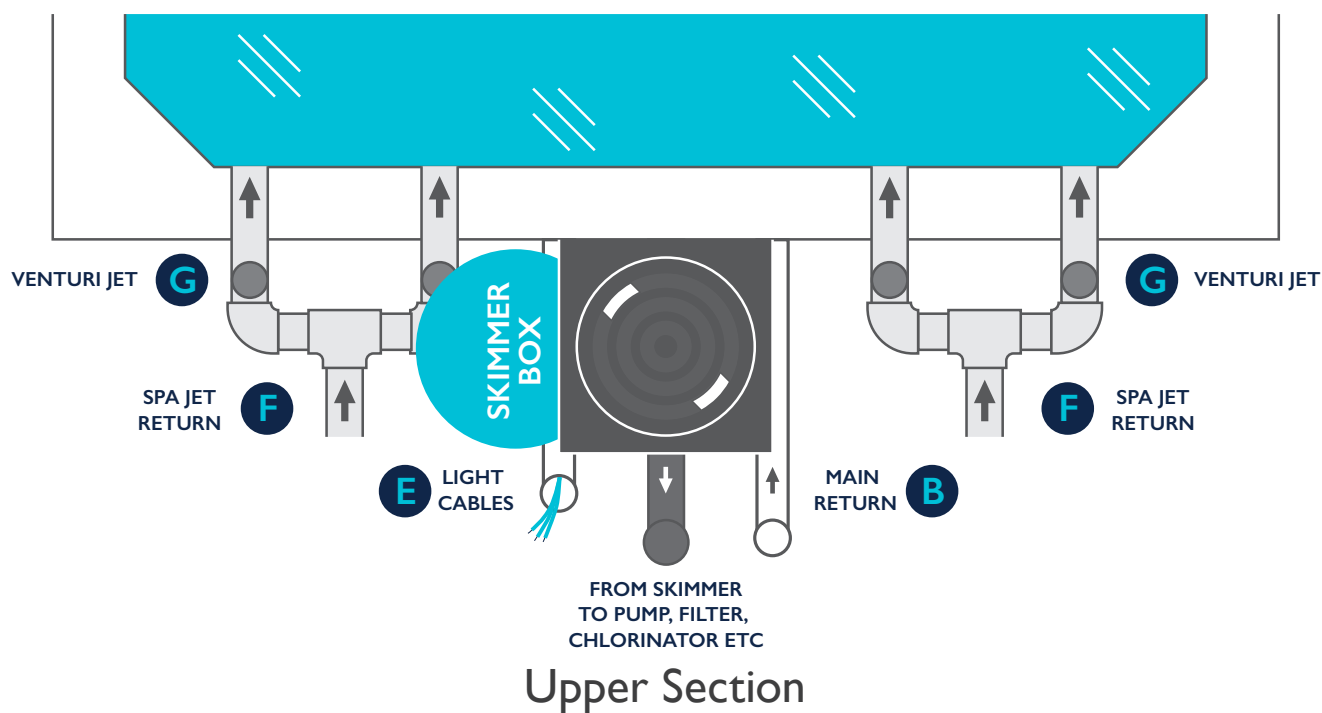
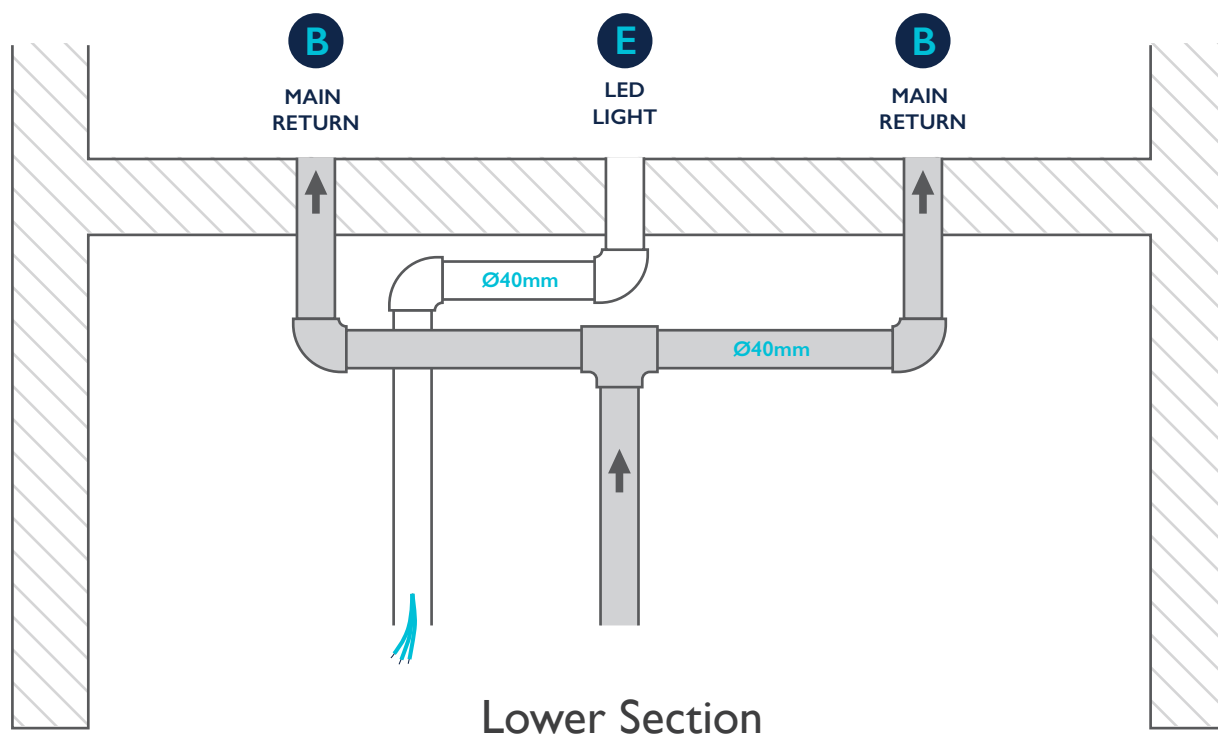
3 Internal Provisions

Studio | Original | Max



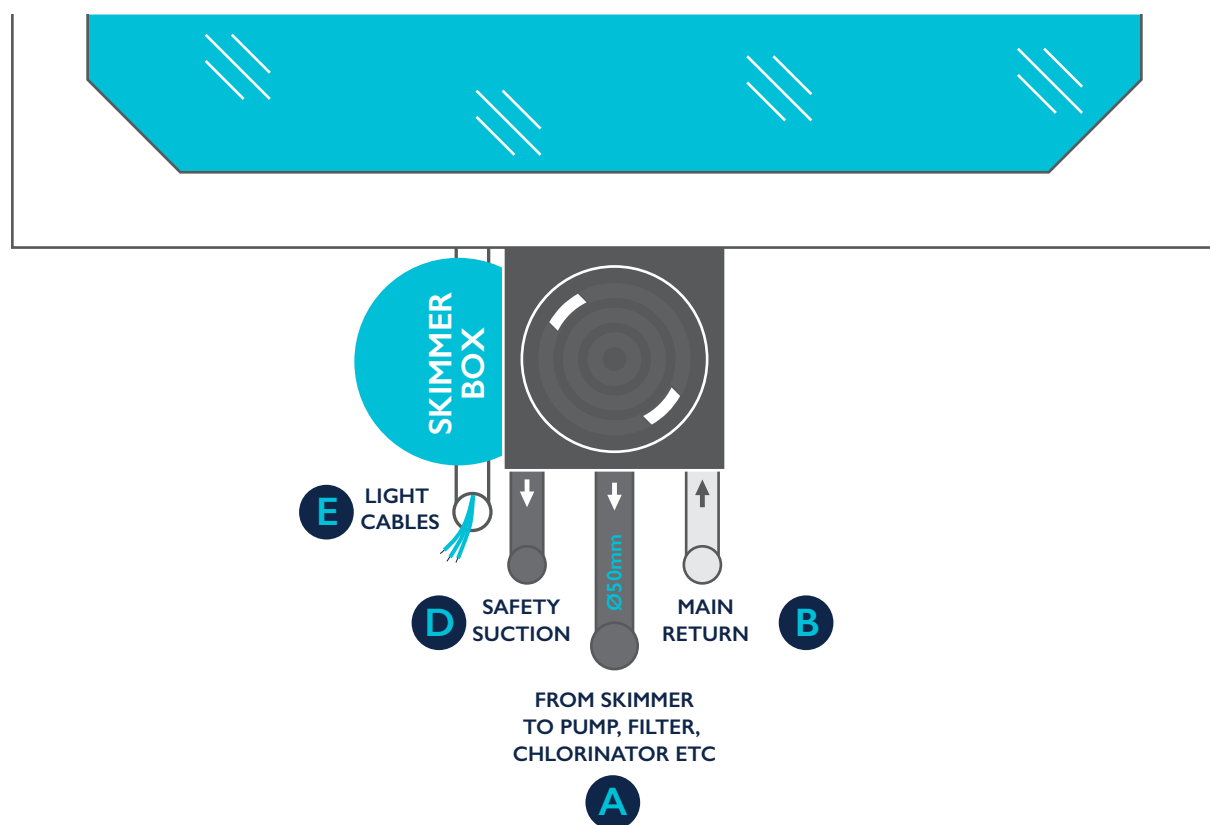
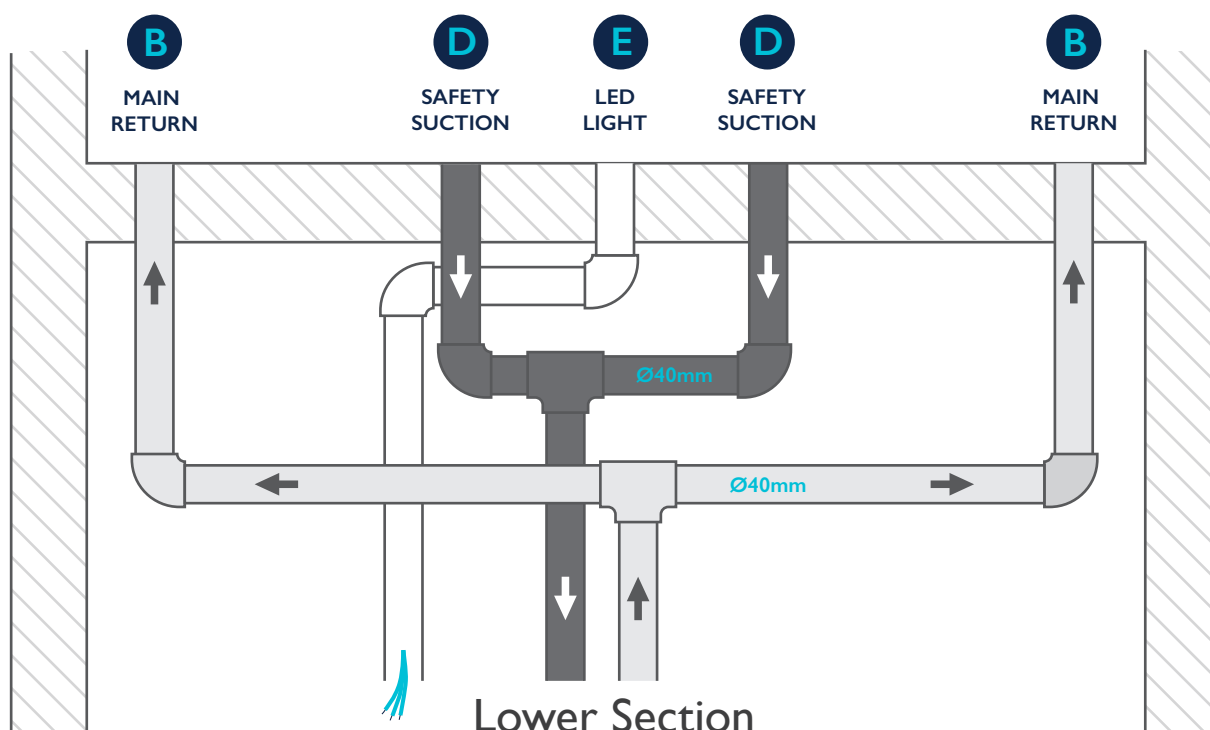
3 Internal Provisions + Spa Jets

Studio | Original | Max



5 Internal Provisions

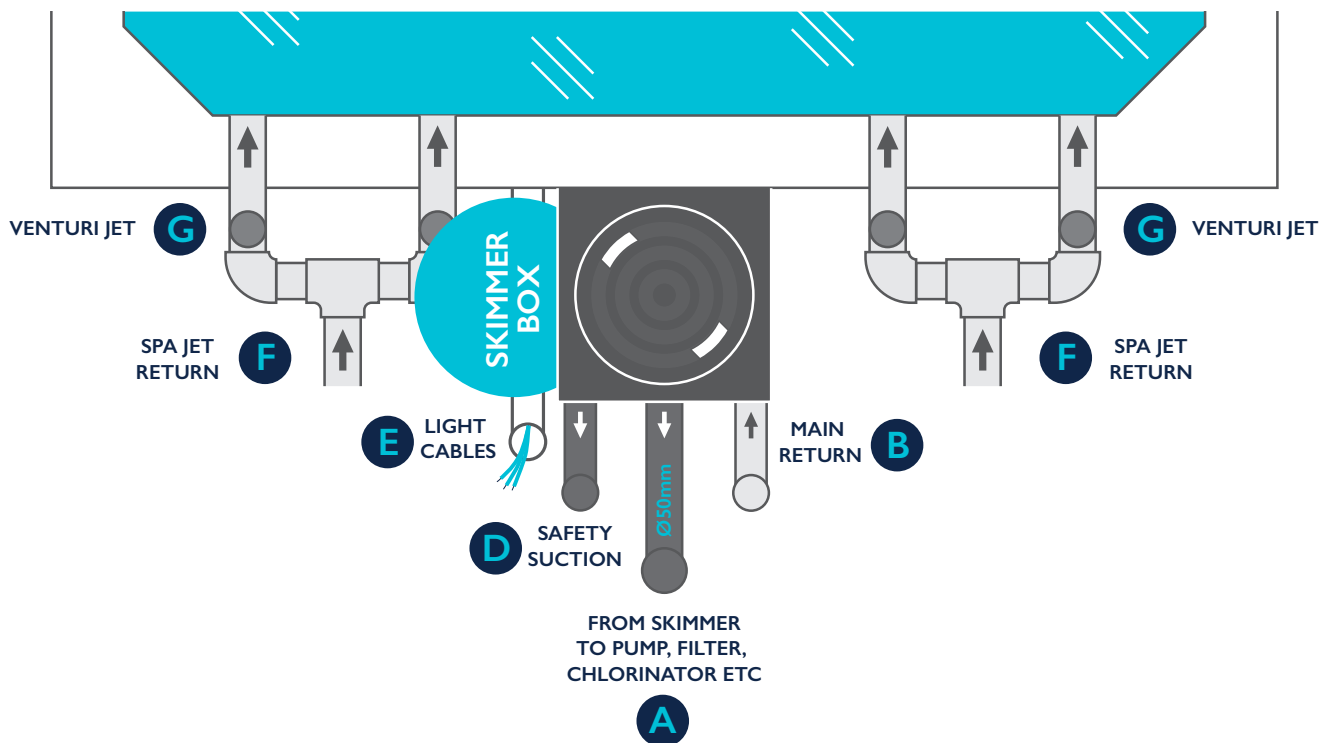
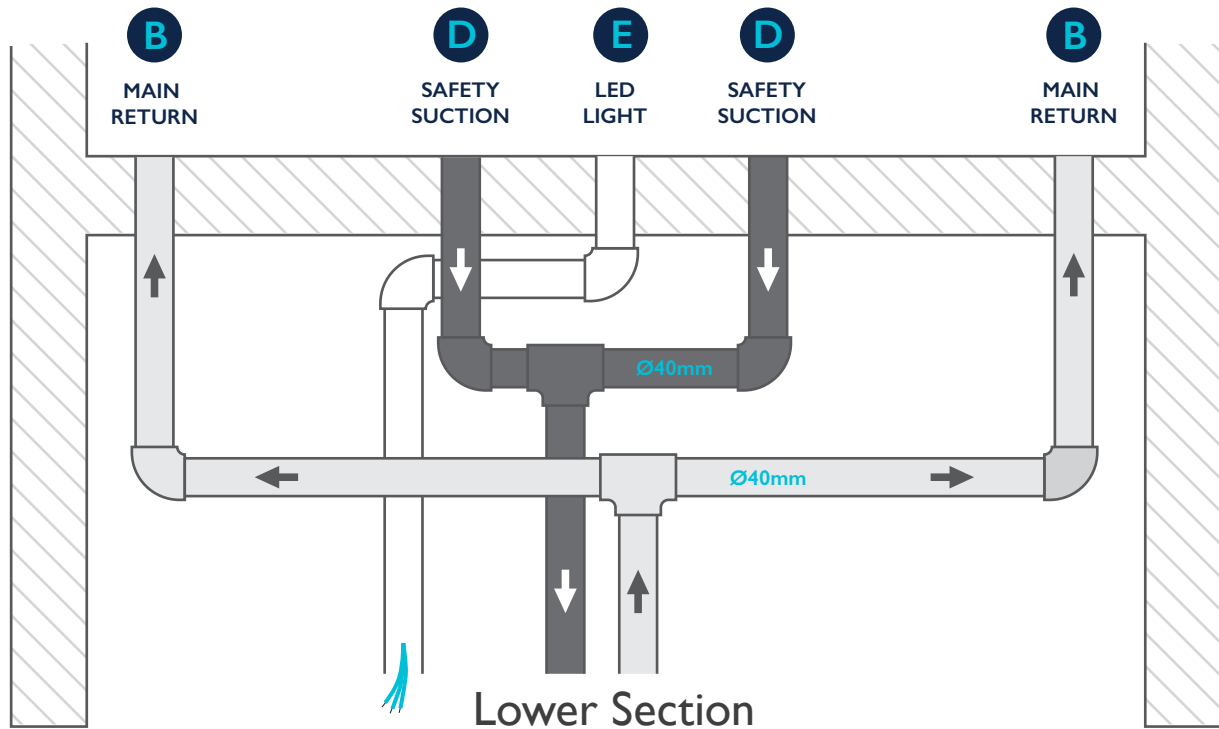
Studio | Original | Max



Upper Section

5 Internal Provisions + Spa Jets

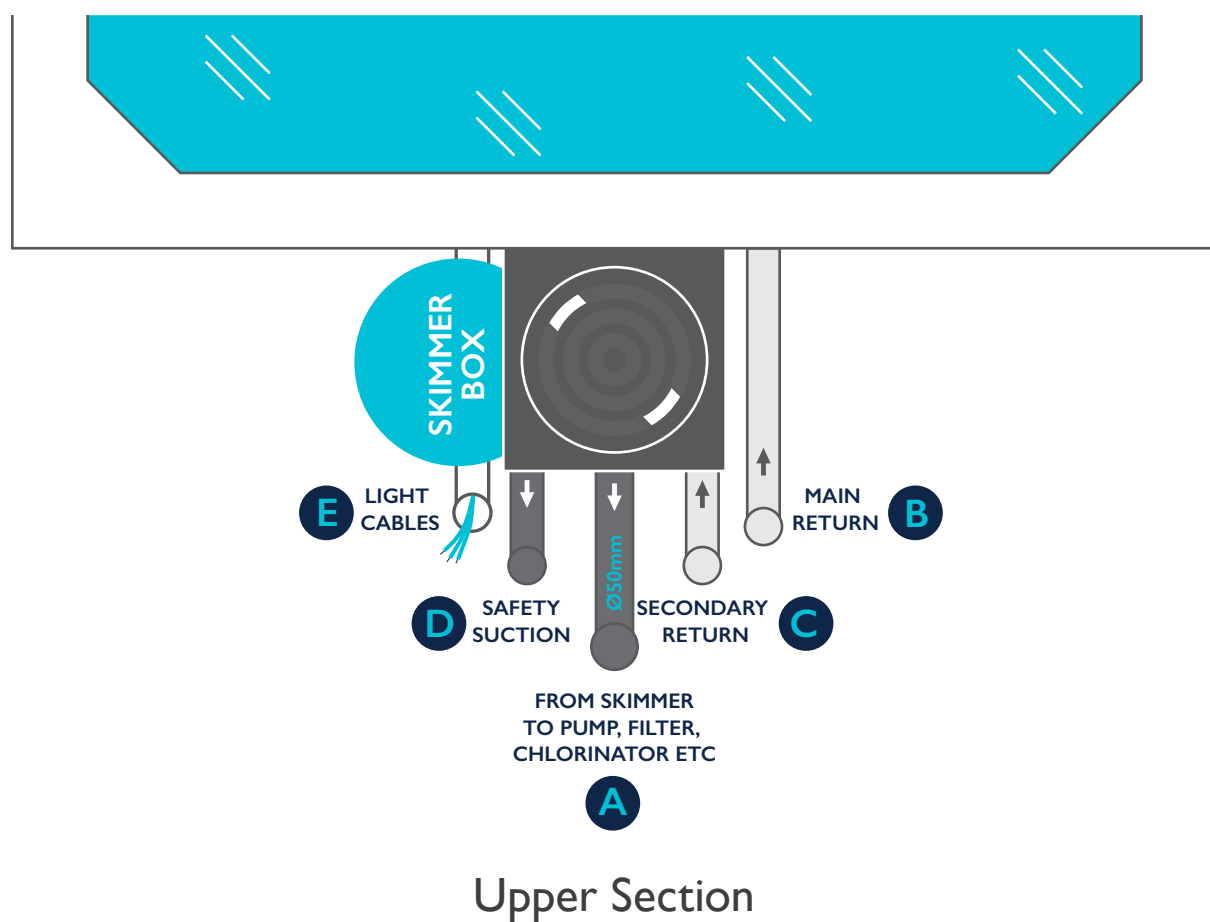
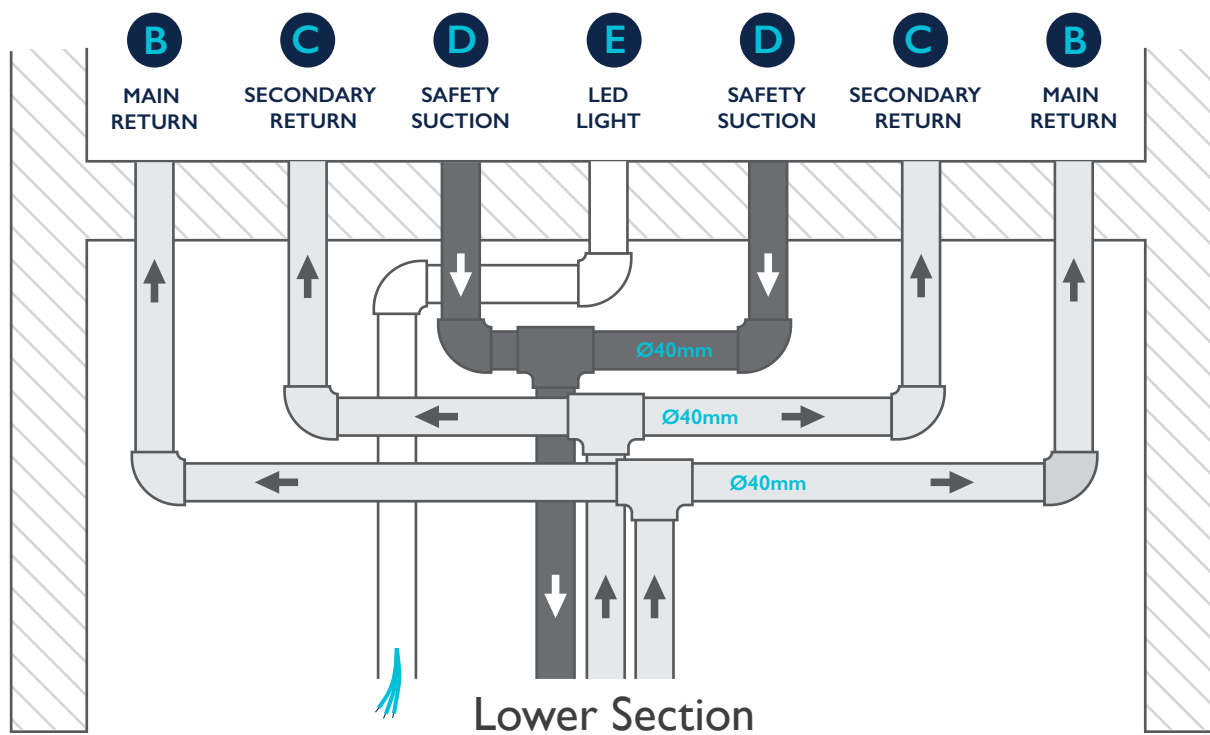
Studio | Original | Max



Upper Section

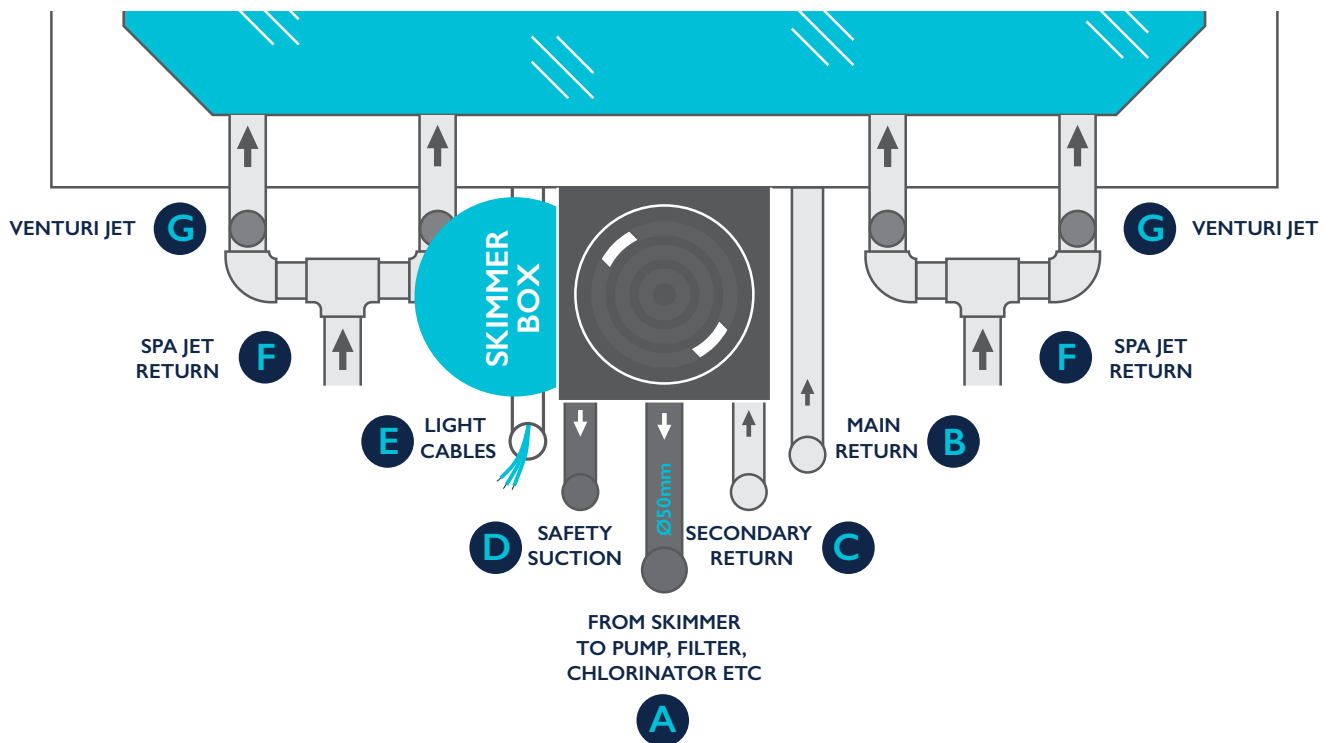
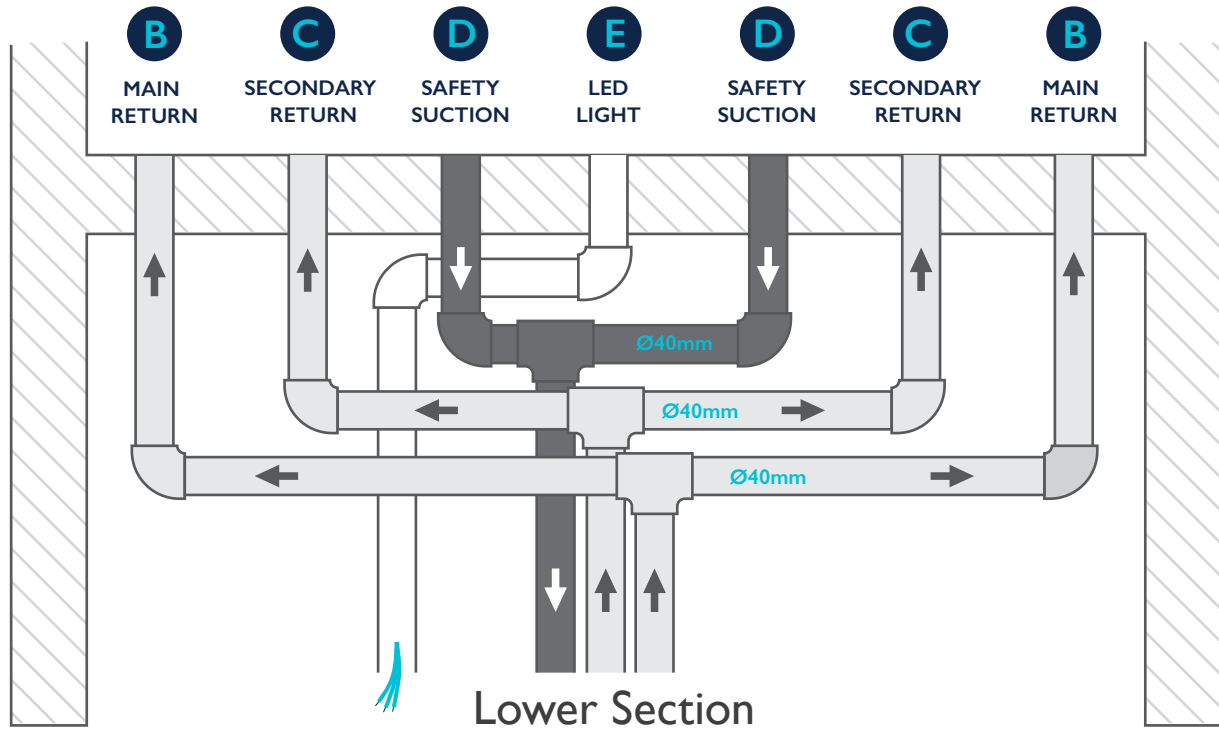
7 Internal Provisions

Studio | Original | Max



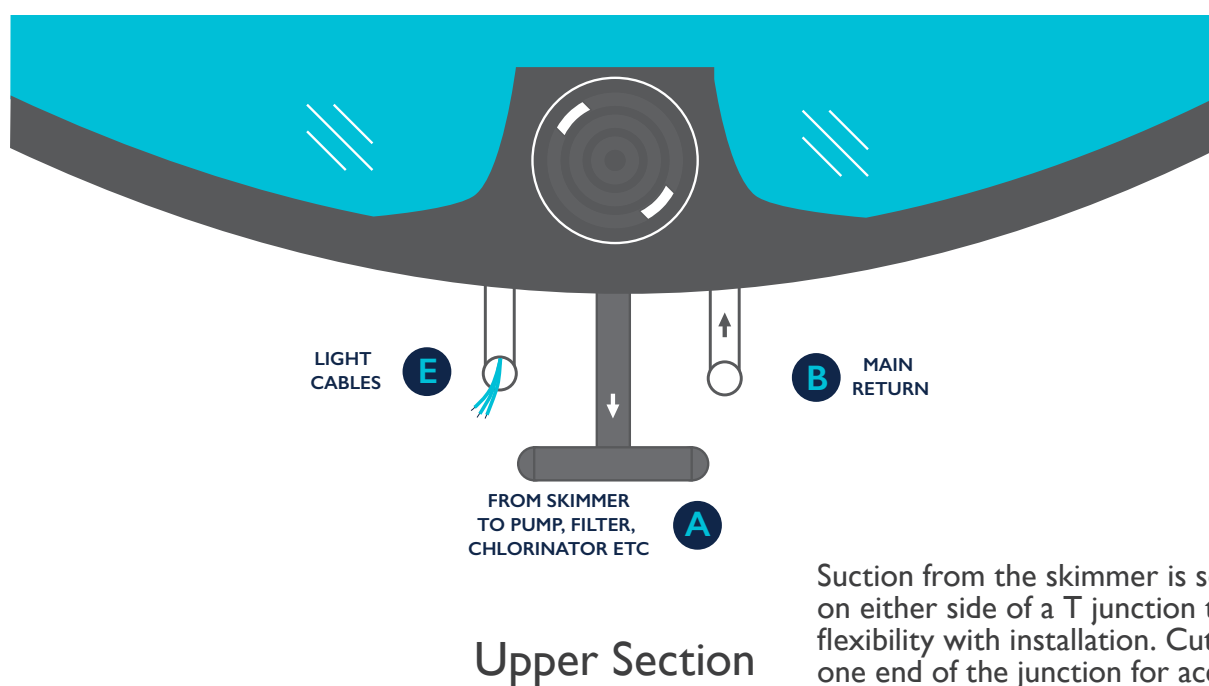
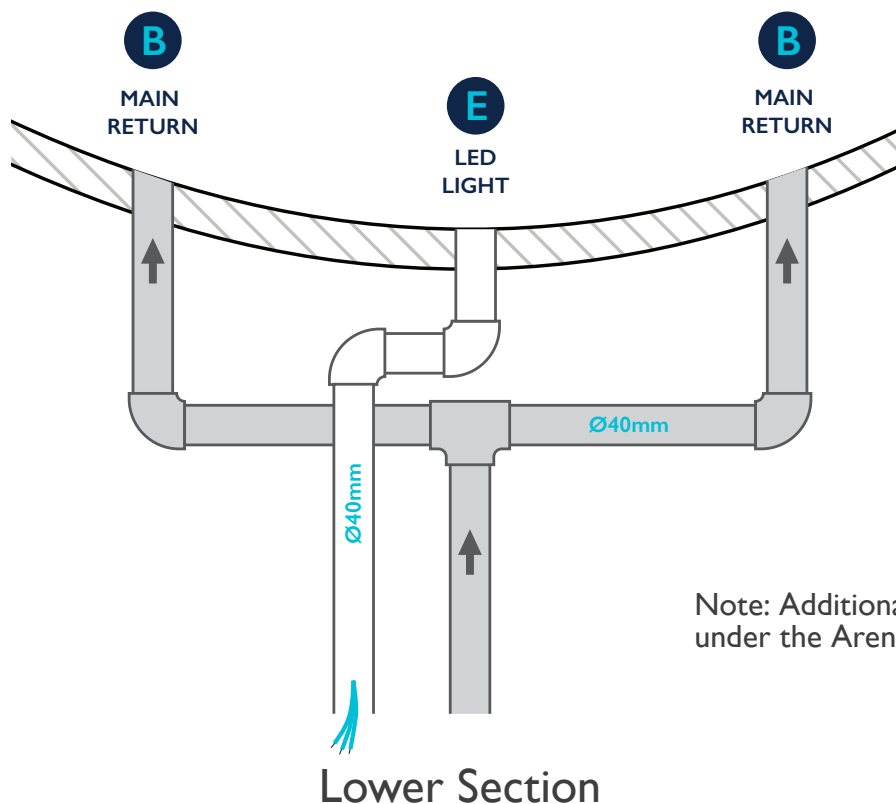
7 Internal Provisions + Spa Jets

Studio | Original | Max



3 Internal Provisions

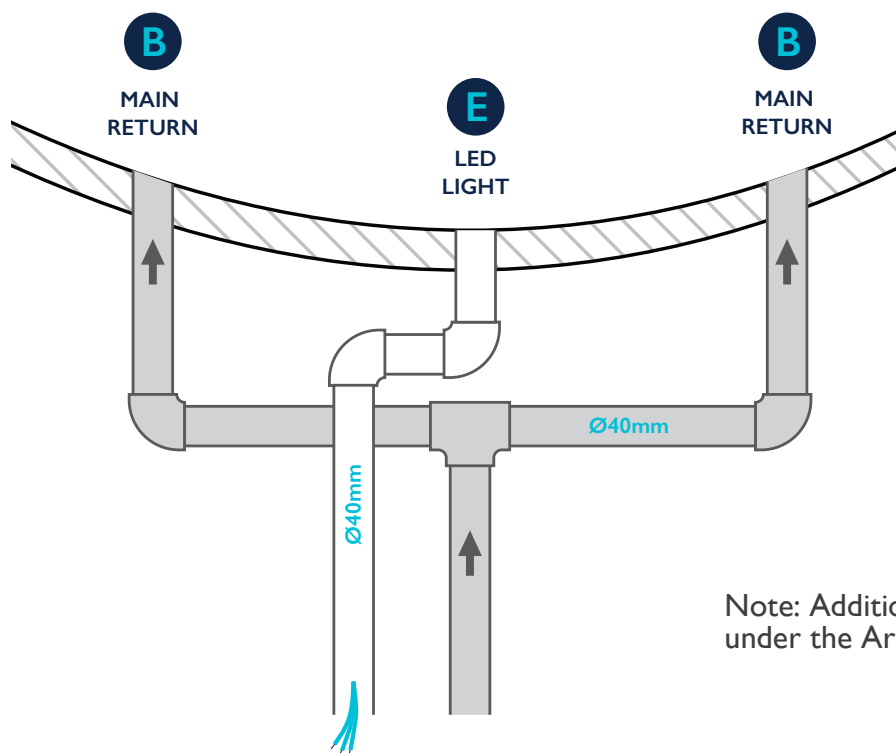
Arena



3 Internal Provisions + Spa Jets

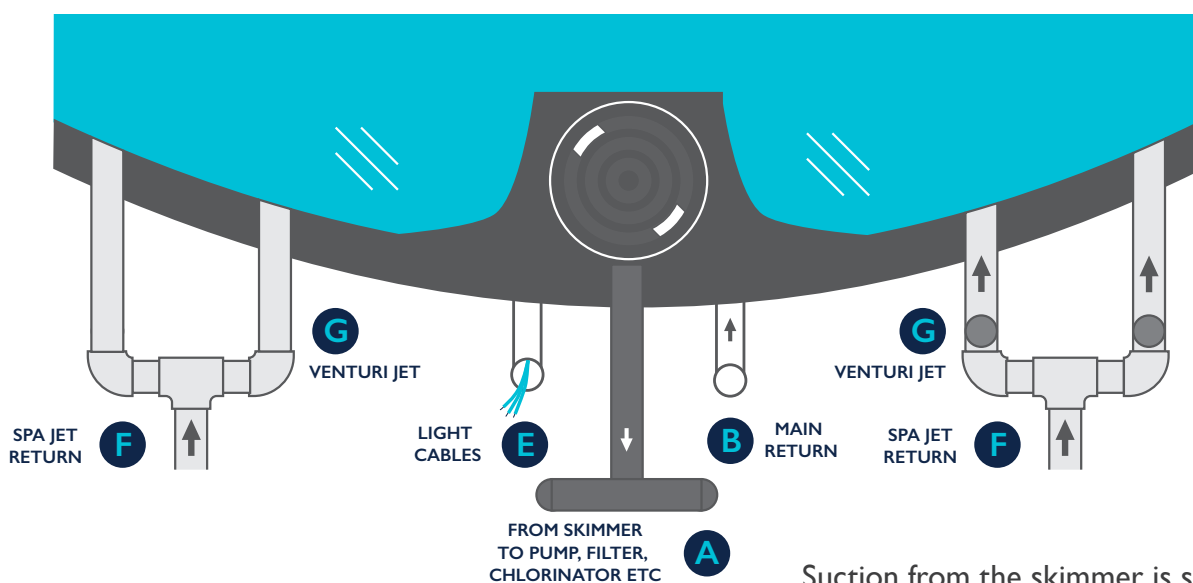


Arena



Note: Additional piping is secured under the Arena for transport.

Lower Section

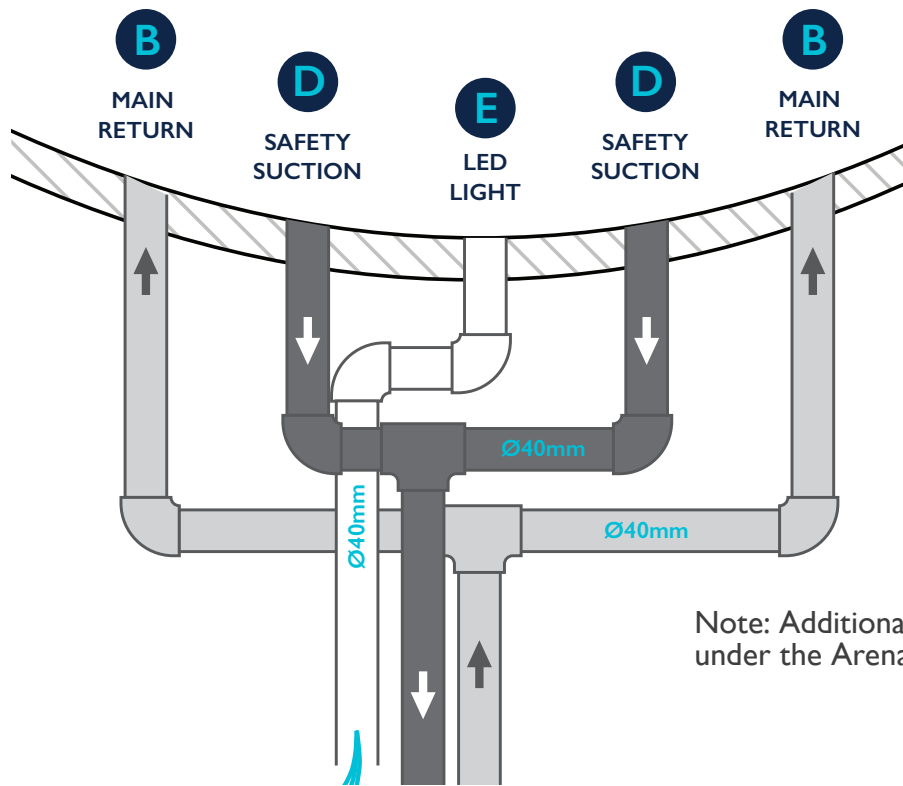


Suction from the skimmer is sealed on either side of a T junction to give flexibility with installation. Cut only one end of the junction for access.

Upper Section

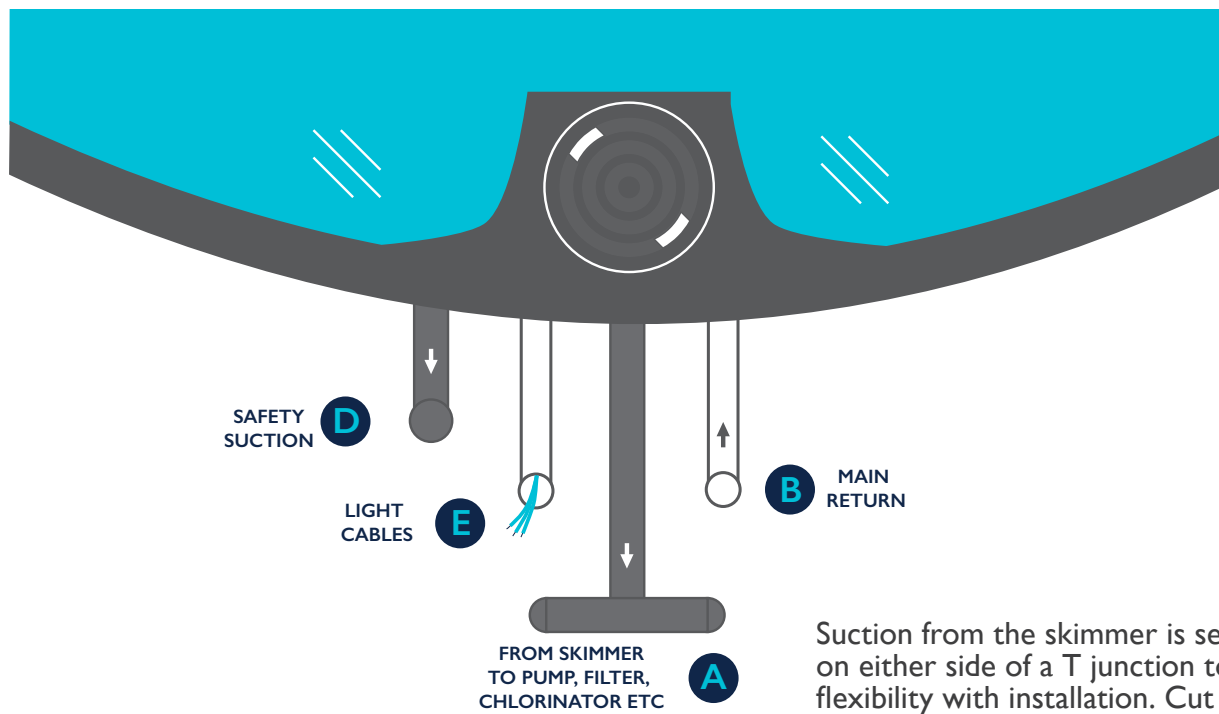
5 Internal Provisions

Arena



Note: Additional piping is secured under the Arena for transport.

Lower Section

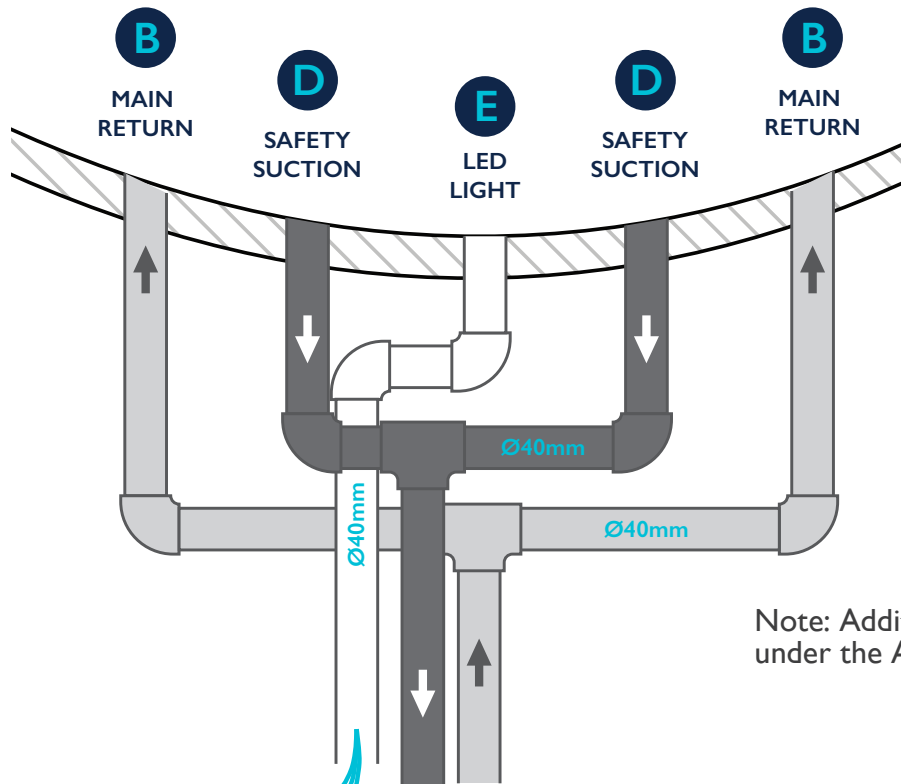


Suction from the skimmer is sealed on either side of a T junction to give flexibility with installation. Cut only one end of the junction for access.

Upper Section

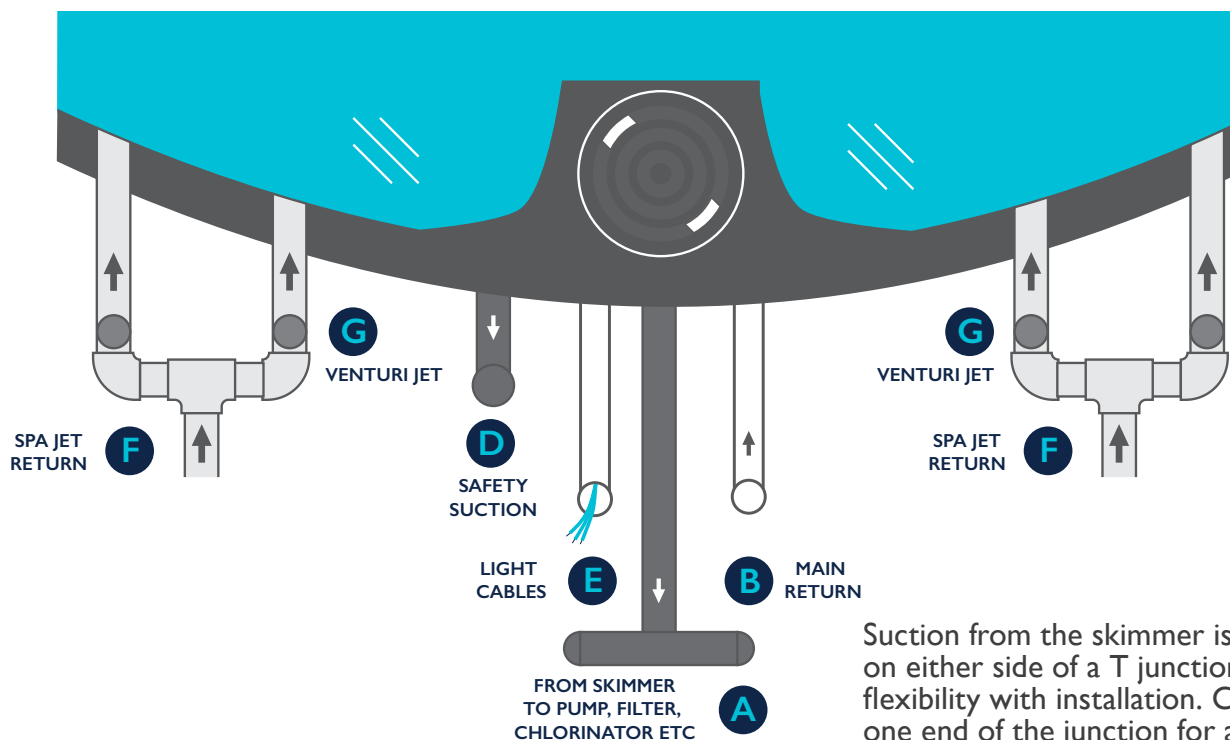
5 Internal Provisions + Spa Jets

Arena



Note: Additional piping is secured under the Arena for transport.

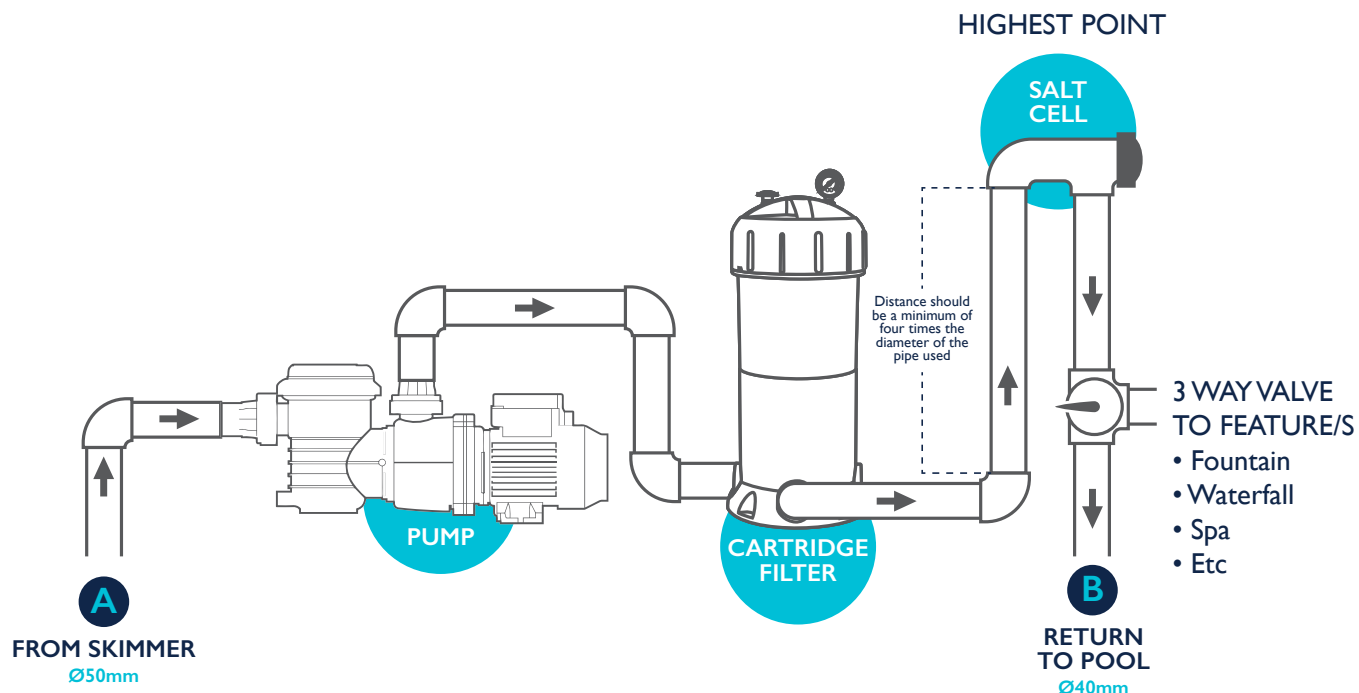
Lower Section



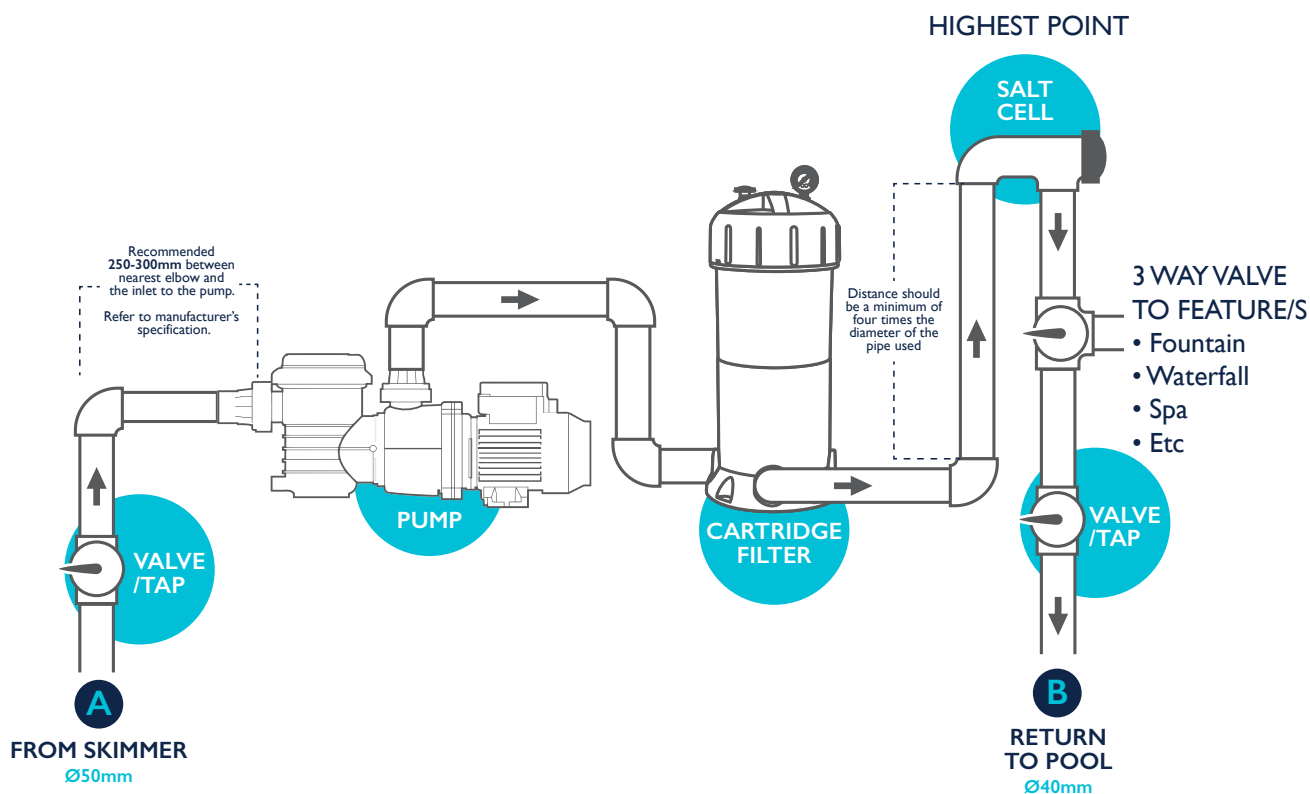
Suction from the skimmer is sealed on either side of a T junction to give flexibility with installation. Cut only one end of the junction for access.

Upper Section

Standard Equipment Configuration



WHEN INSTALLED ABOVE WATER LEVEL

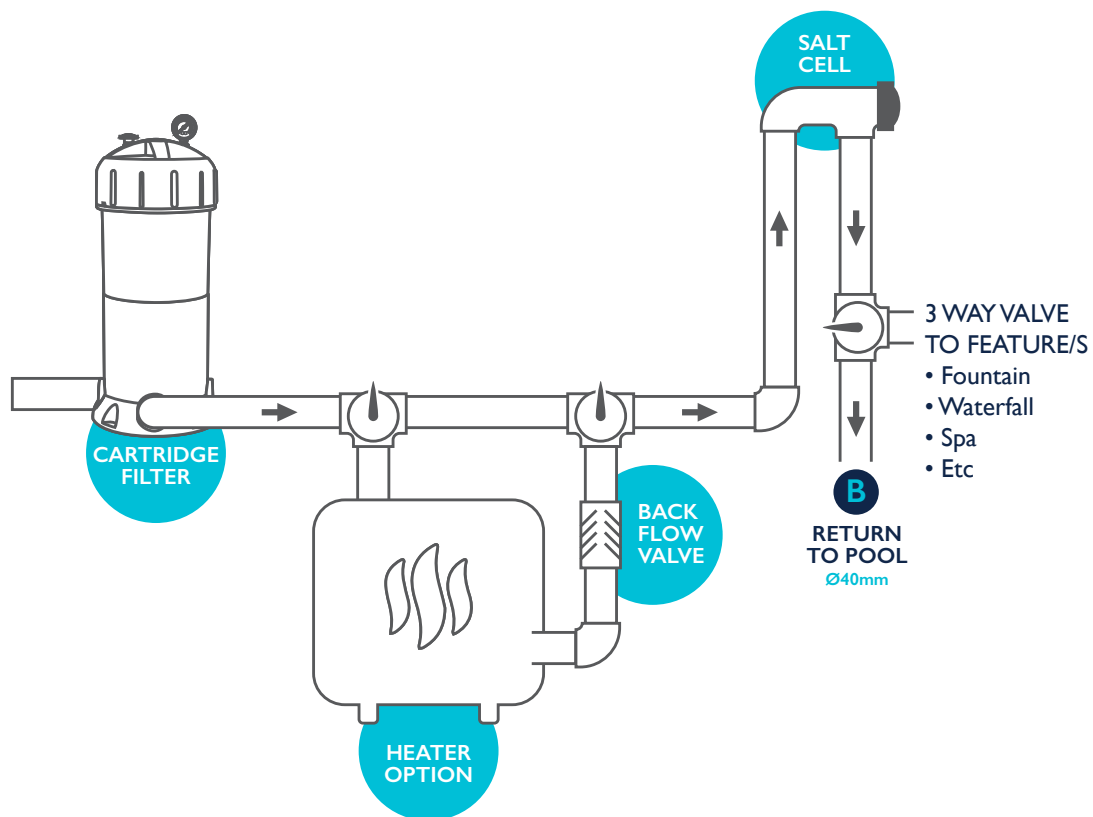


WHEN INSTALLED BELOW WATER LEVEL

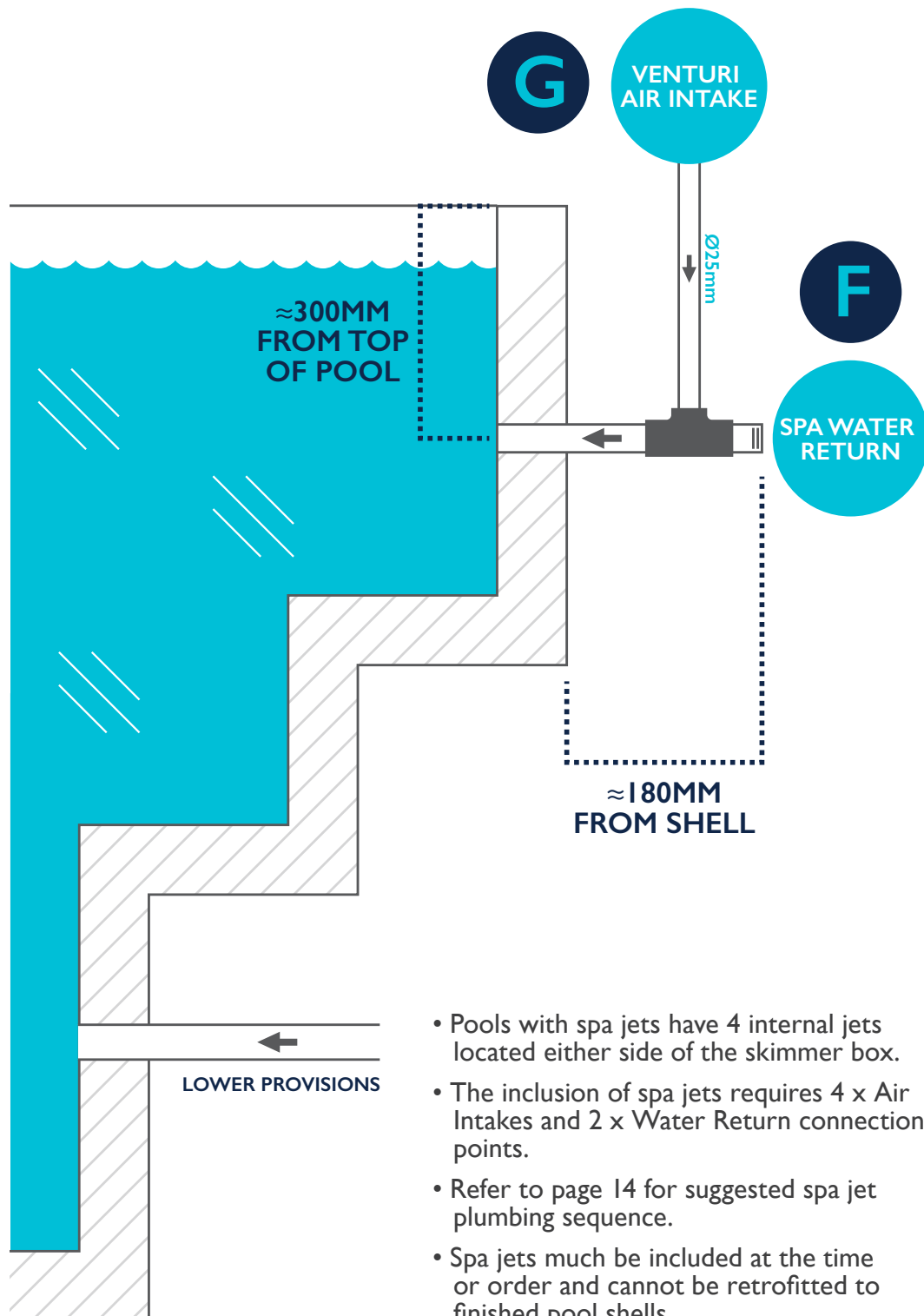
Standard Equipment and Heater Configuration

- Salt cell is to be the highest point in the plumbing loop.
 - A valve at the start and end of the plumbing loop is recommended when equipment is installed below pool water level.
 - Pump size and settings (variable speed etc) do not alter equipment configuration.
 - Cartridge filter can be substituted for media filter.
 - The use of three-way valves and back flow devices can be added at the discretion of the plumber depending on owner usage requirements.
- Eg. Creating the ability to isolate heating and increase efficiencies

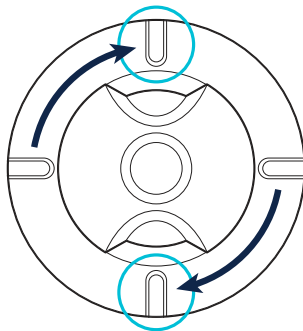
REFER TO MANUFACTURER INSTRUCTIONS FOR SPECIFIC INSTALLATION REQUIREMENTS ON EQUIPMENT.



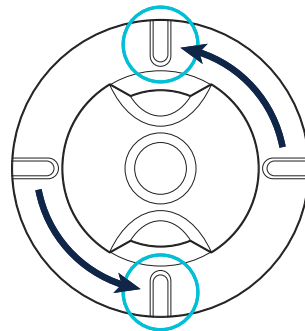
WHEN INSTALLED IN-LINE WITH EQUIPMENT



Hydrostatic Valve



INSTALL



REMOVAL



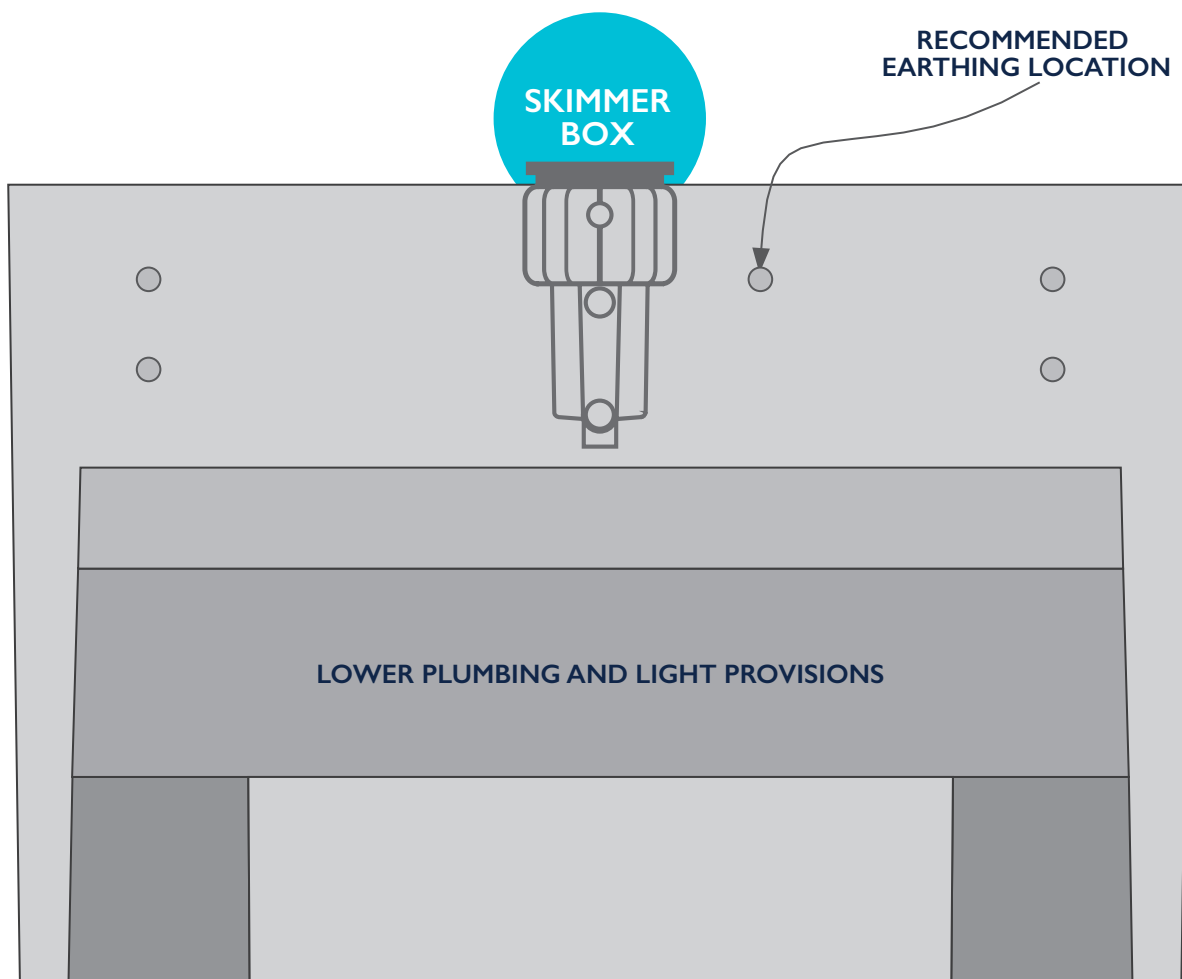
Installers must read these warnings and all instructions before using this product.

Failure to follow instructions can result in product failure and leaks.

Hydrostatic valve is a replaceable component and must not be glued into the socket.

Pools are delivered with the Hydrostatic valve removed and stored in the skimmer box ready for installation before filling.

1. Check Hydrostatic valve is in good working condition (no cracks or broken parts). Check the valve opens and closes when pressure is put on the hexagonal screw on the bottom of the valve, and that the hexagonal screw is tight.
2. Remove any debris, soil & miscellaneous material from beneath the area where the hydrostatic valve will be located. Failure to do so may cause the valve to open & the pool will leak.
3. Ensure that the thread of the valve and the seat of the socket is clean and free of any foreign material.
4. Place the gasket on the valve thread. Using a Hydrostatic valve tool, screw the valve into the socket by screwing it clockwise.
5. Ensure that the hydrostatic valve is not cross-threaded and is screwed all the way in. Failure to do so will cause a leak. Do not over tighten, do not assemble with power tools.

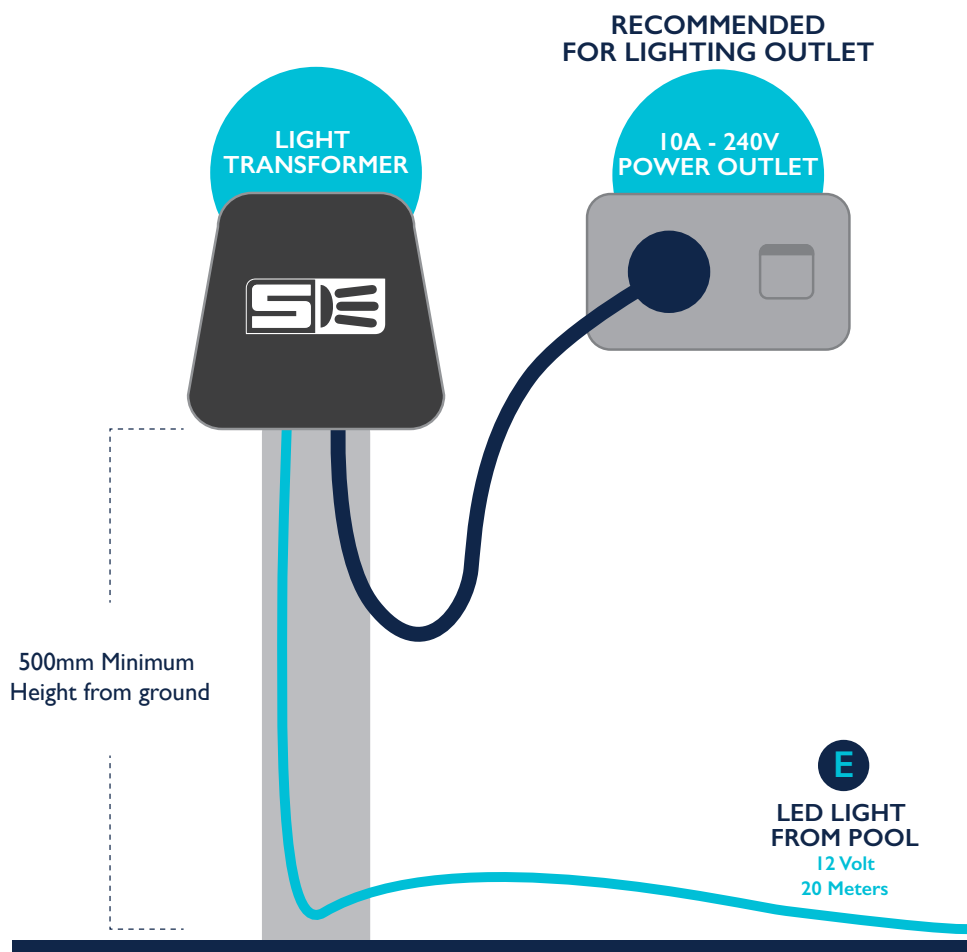


Earthing Bolt Specifications (Supplied)

Plungie Max - M24
Plungie Original - M20

Plungie Studio - M20
Plungie Arena - M24

- An earthing bolt is supplied with each Plungie. These can be found inside the skimmer box when delivered.
- Earthing must be connected by a licensed electrician.
- Earthing may be attached to other lifting ferrules if access to recommended position is not possible.



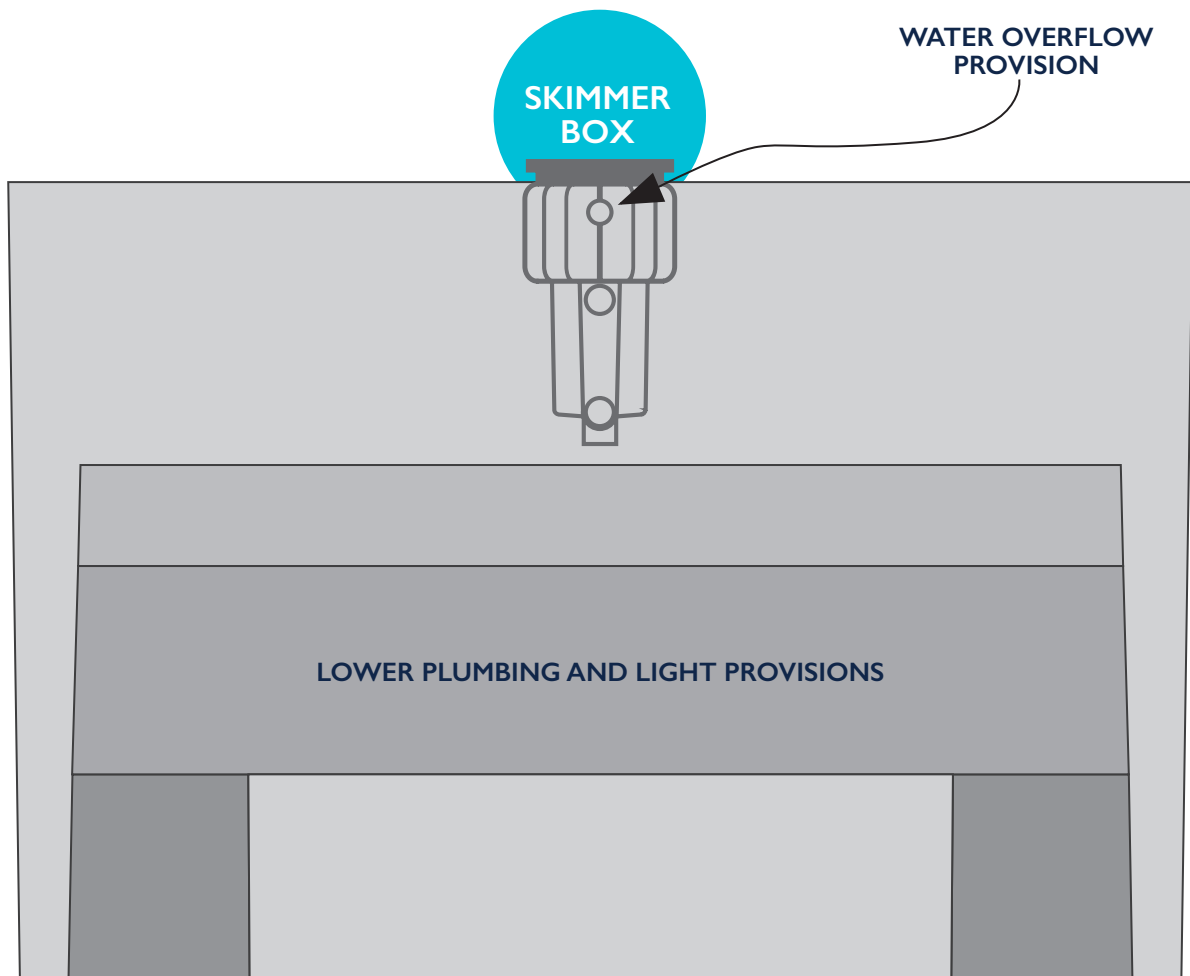
Recommended 10A, 240V GPO Connection

Transformer - Spa Electrics LV25-I2 (Single LED transformer)

Internal LED Light - Spa Electrics, GK Series MULTI-Colour

Installation and further technical information available at
www.spaelectrics.com.au

- Transformer for LED Light supplied inside the skimmer box. Please check skimmer box for contents before filling pool for use.
- Conduit cable protection is required from pool to transformer installation point.
- The supplied transformer is suitable only for a single LED light.
- 10A Electrical outlet is advised for lighting only. Refer to manufacturer's guidelines for other electrical requirements (Eg Heaters, etc)
- Electrical work should be carried out by a licensed, trade qualified electrician.



The water overflow provision allows for the pool to be plumbed and prevent spill over during rain etc. Work to do so should be undertaken by a licensed plumber.

- Drill a hole through the back edge of the skimmer box in the location shown
- Connect 25mm PVC piping and secure with a water tight bond (eg PVC Glue)
- Run plumbing to appropriate discharge location

ARENA: Access to the overflow provision is via a conduit provision in the outer concrete shell.

NOTE: Rules relating to the discharging of pool water varies by local regulations (eg storm water, sewer, etc). Please check with your local requirements before undertaking work.