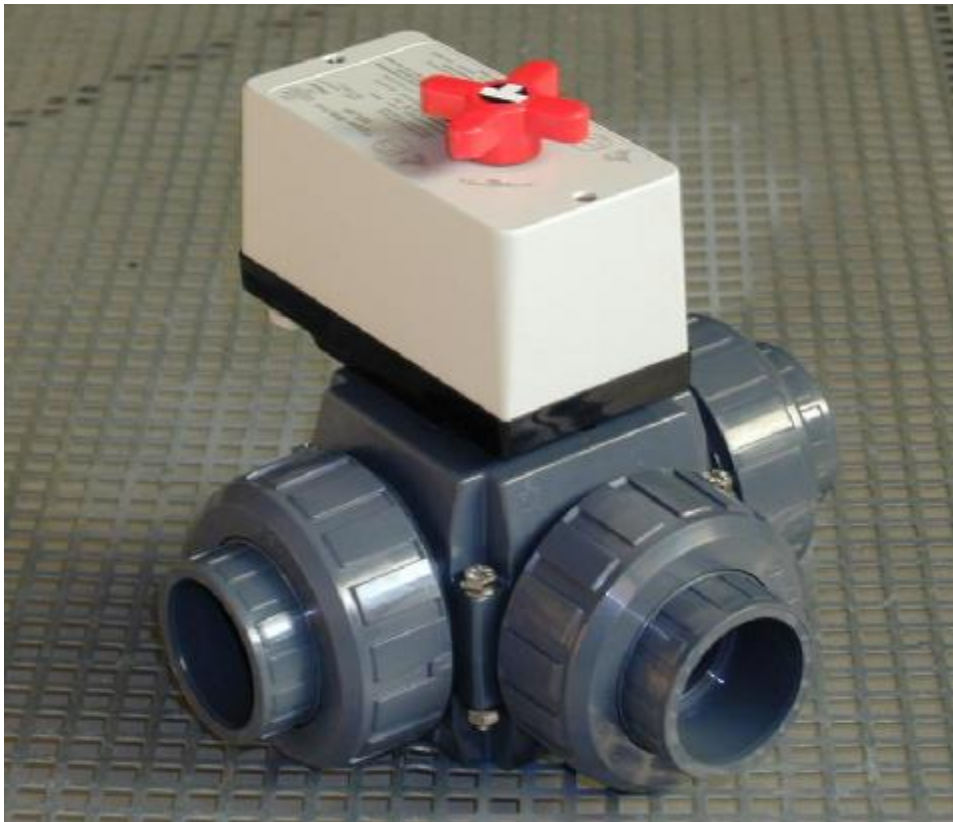


Suncell

3-WAY MOTORISED BALL VALVE



Models:-

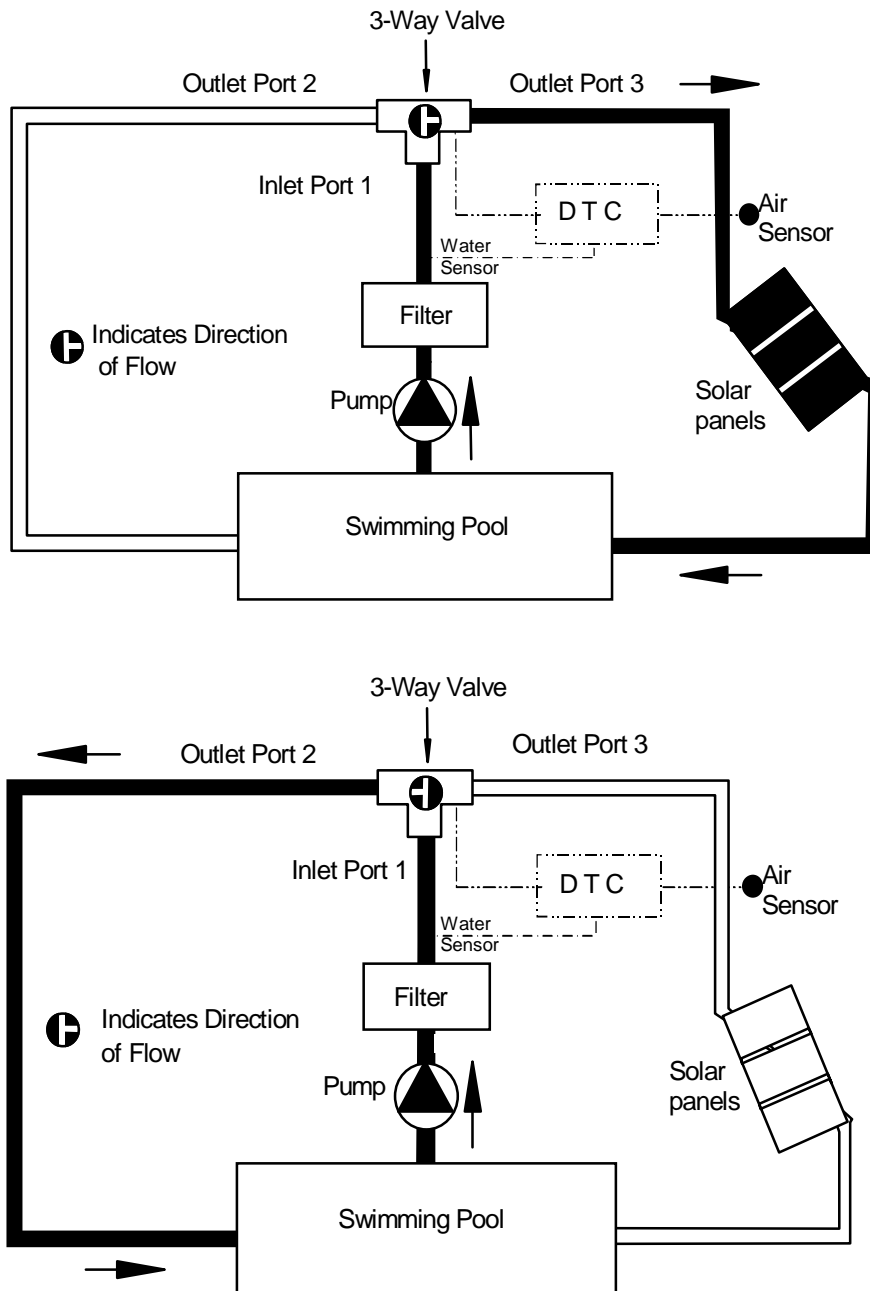
- SC.048.TMV - 1½" Solvent Weld Sockets
- SC.060.TMV - 2" Solvent Weld Sockets
- SC.050.TMV - 50mm Solvent Weld Sockets
- SC.063.TMV - 63mm Solvent Weld Sockets

1) INSPECTION

The valve has been checked by the manufacturer before leaving the factory and is ready for operation.

2) INSTALLATION OF THE VALVE

The valves may be mounted in any position except with the actuator underneath. Ensure that the pipework is fully supported by brackets on either side of the valve.



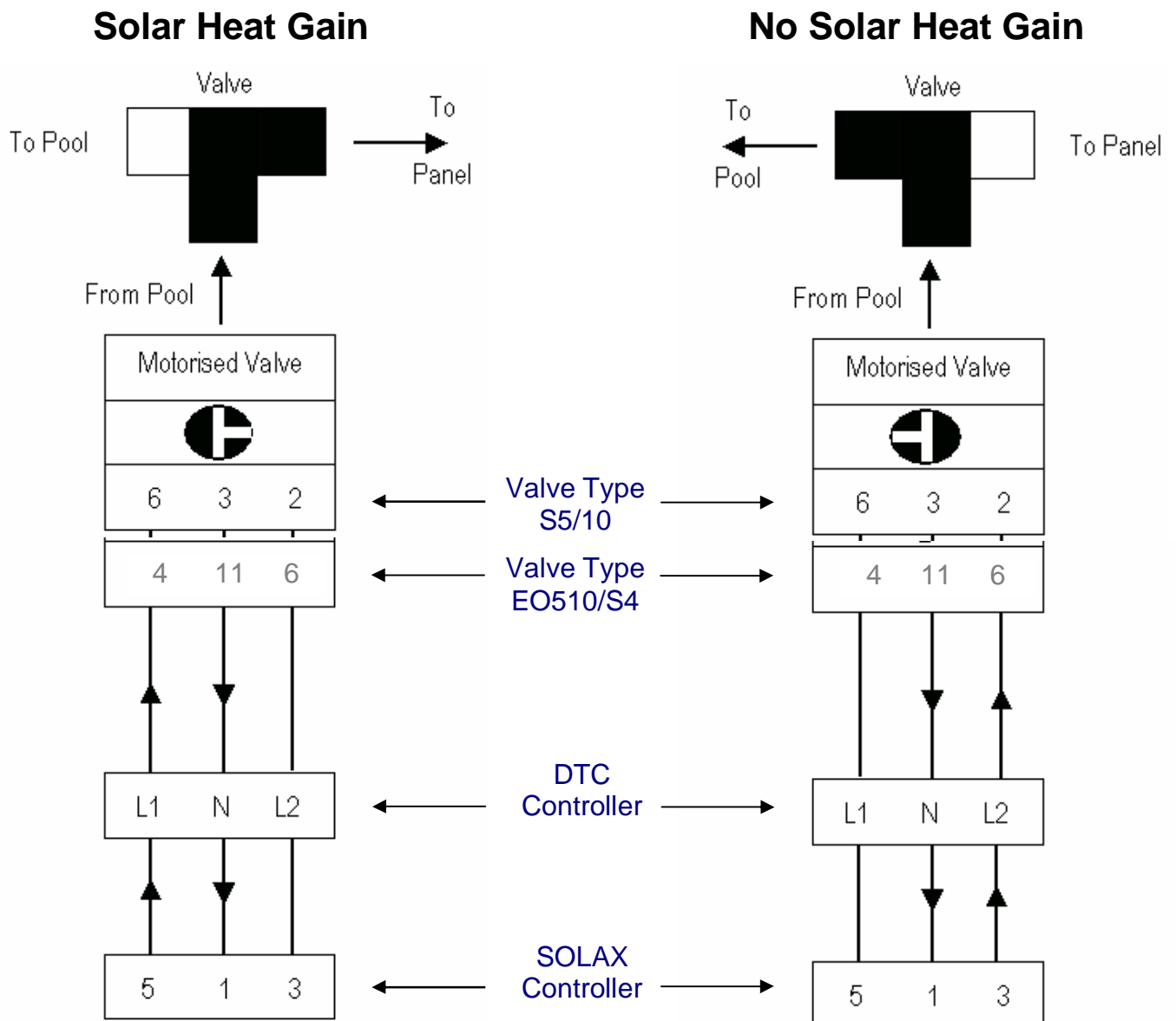
The inlet from the pool must always be on the branch port (1) of the valve. The outlet ports (2 & 3) can be as shown in the diagram above or reversed as detailed in section 3.

3) ELECTRICAL CONNECTIONS

All swimming pool installations are classed as special so electrical work must be done by a Registered Electrician Part P (UK) and conform to the regulations of the local electricity authority.

To be read in conjunction with either the DTC Controller Installation Guide or the SOLAX Controller Installation Guide.

SAFETY WARNING: Do not connect power until the valves and DTC installation is complete.



When it is necessary to plumb the outlet pipes to pool and panels into opposite valve ports from those shown above, reverse leads to terminals 2 and 6 on the S5/10 valve, & terminals 4 & 6 on the S4 valve. Terminal positions shown are for valve model S5/10 and newer valve S4, and for controller model DTC and newer model SOLAX.

4) CHANGE OVER TIMES

The actuator takes approximately 65 seconds to change from one position to another. In the event of a mains supply failure a manual override is provided on top of the actuator.

Turn only in a clockwise direction. If in doubt always contact a qualified electrician.

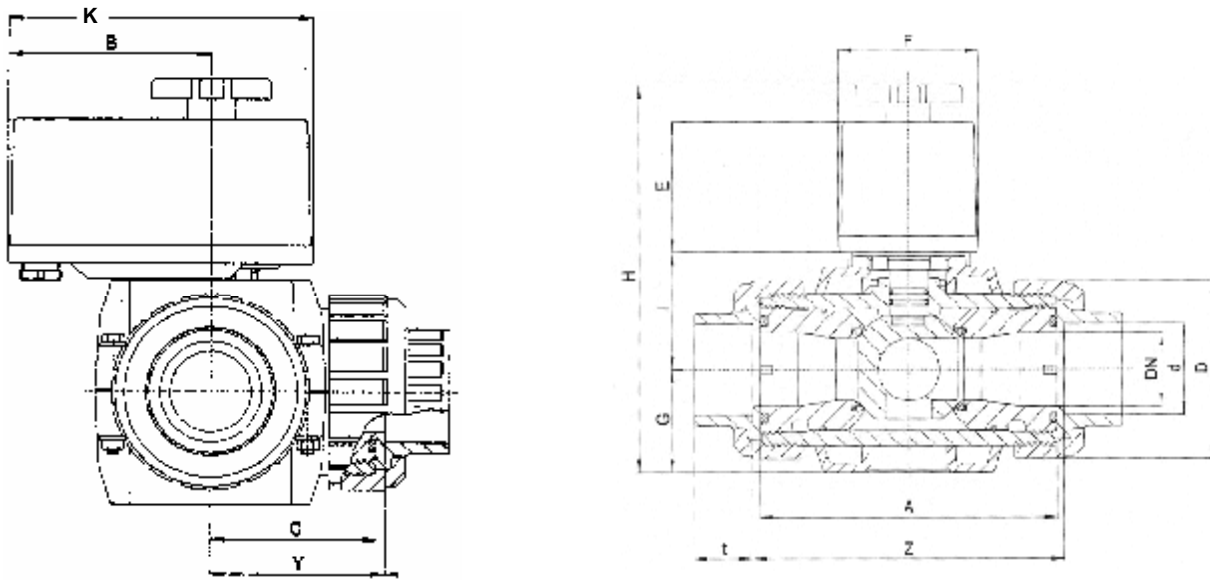
5) TECHNICAL DATA

Valve Material	:	PVC
O-Rings	:	EPDM
Ball Seating Joints	:	TPE 'Kraton'
Sizes	:	DN40, DN50 / 1½" & 2"
Actuator Voltage	:	230v AC
Duration of Switch on	:	60% / 20 mins.
Power Consumption	:	3.8 watts

6) SAFETY FEATURE

The Solar Ball Valve has a pressure compensation system to avoid a rise in pressure during operation. If the operation is interrupted (e.g. failure of the power supply) it can be reset manually.

7) DIMENSIONS



	A	B	C	D	E	F	G	H	I	K	Y	Z	t
1½"	162.0	102.0	81.0	101.0	78.5	77.5	56.0	219.0	64.5	151.0	85.5	171.0	31.5
2"	181.0	102.0	90.5	121.5	78.5	77.0	64.0	235.0	72.5	151.0	96.5	193.0	38.5
50mm	162.0	102.0	81.0	101.0	78.5	77.5	56.0	219.0	64.5	151.0	85.5	171.0	31.5
63mm	181.0	102.0	90.5	121.5	78.5	77.0	64.0	235.0	72.5	151.0	96.5	193.0	38.5

All dimensions in mm.



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