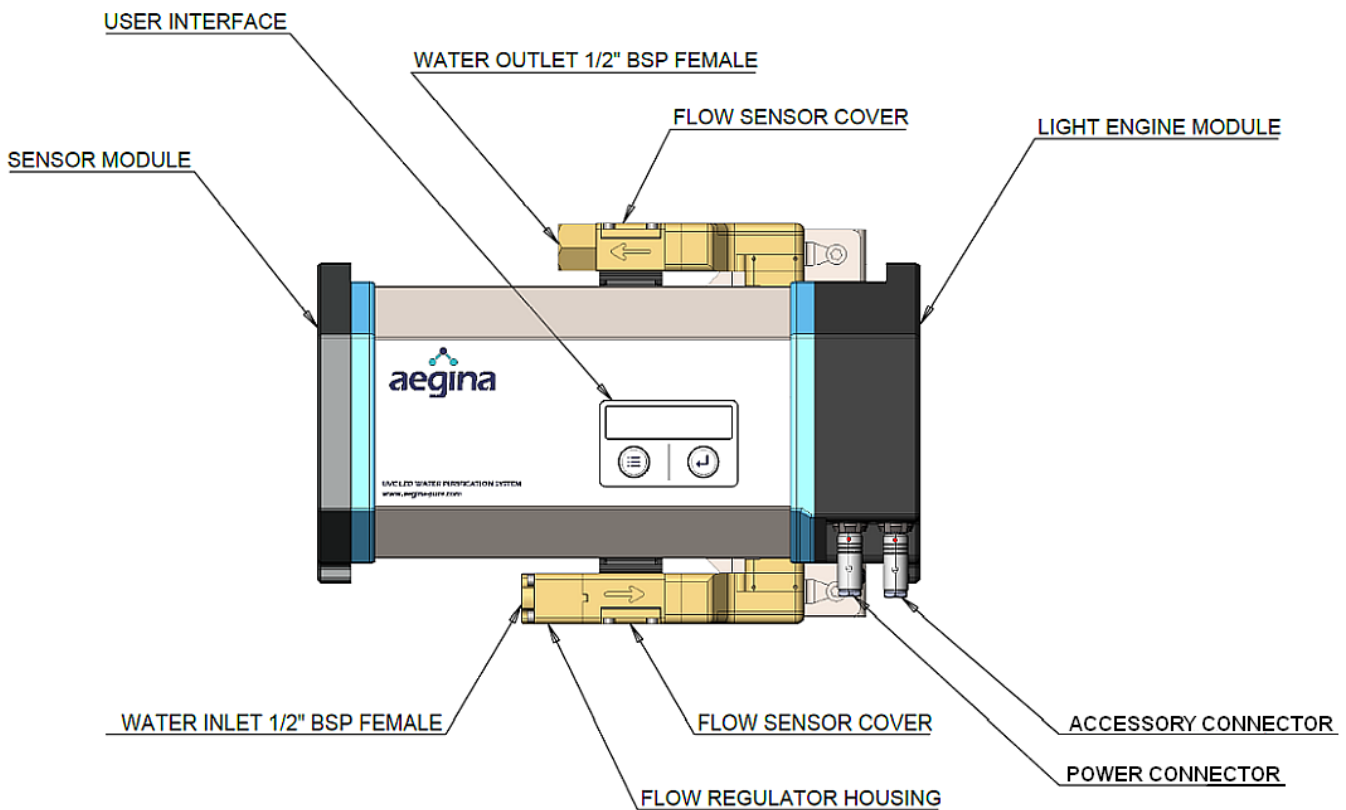
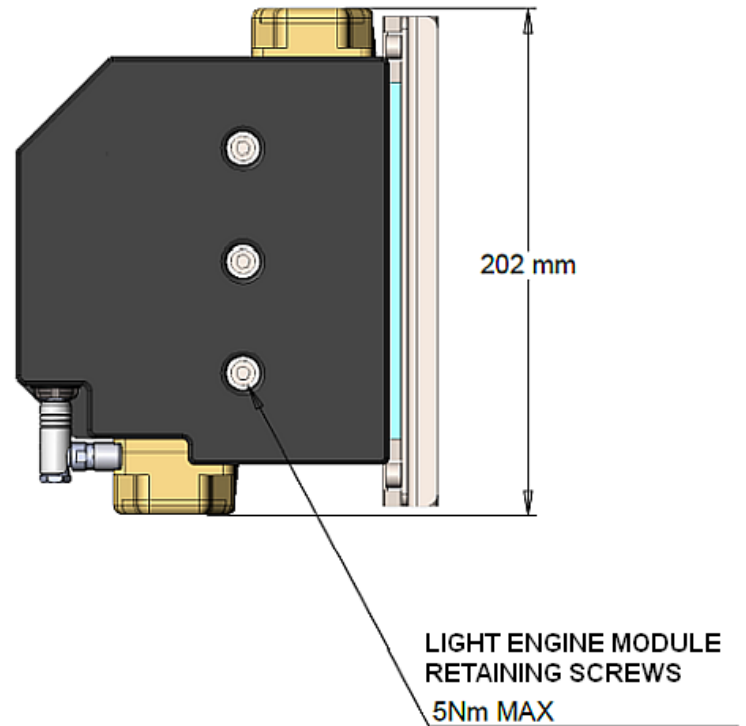
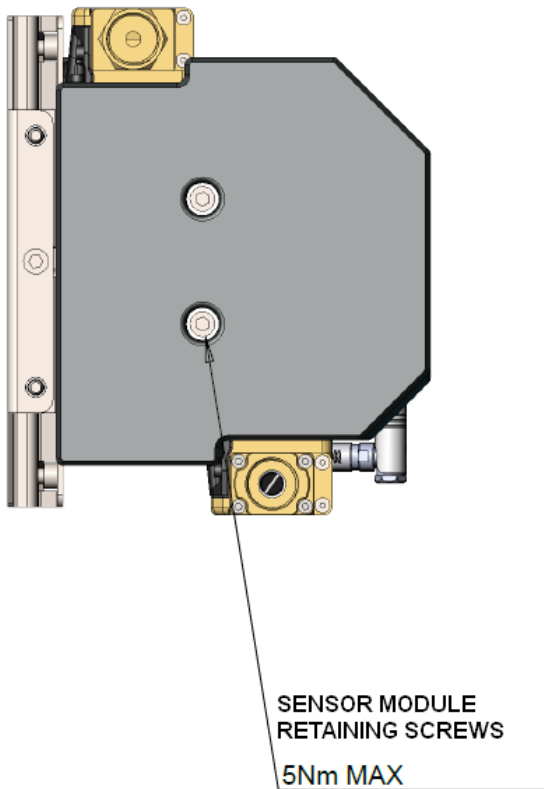
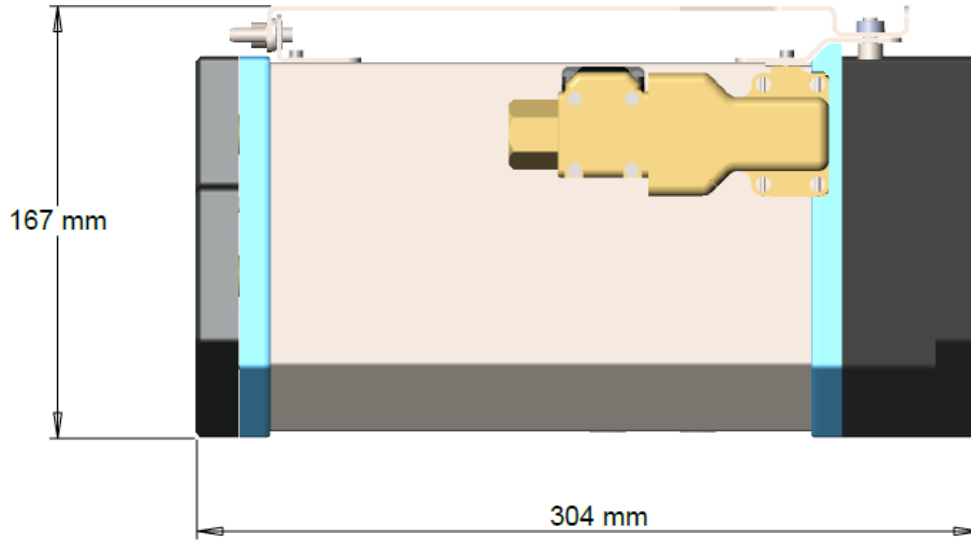


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1. Product Overview and Dimensions





2. Product Specifications

| Physical (Including Mounting Bracket) | |
|--|--------------------------|
| Overall Dimensions | w 304 x h 202 x d 167 mm |
| Mass (Dry) | 10.02 Kg |
| Mass (In service) | 10.82 Kg |

| Electrical | |
|-----------------------------|---------------|
| Supply Voltage | 9.5 to 33 VDC |
| Power Consumption (Idle) | 2W |
| Power Consumption (Maximum) | 72W |

| Water | |
|---------------------------------------|-------------------|
| Temperature (Maximum) | 40°C |
| Pressure (Static or Dynamic, Maximum) | 10 bar |
| Flow Rate (Minimum) | 0.5 Litres/minute |
| Flow Rate (Maximum) | 6 Litres/minute |
| Maximum permissible particulate size | 5 micron |
| Plumbing Connections | ½" BSP Female |

| Environmental | |
|-------------------------------|------|
| Ambient Temperature (Maximum) | 50°C |
| Ingress Protection | IP65 |

| Biological Performance | |
|--|--|
| Performance meets ANSI/NSF 55 Class A at the above-specified flow rate | |

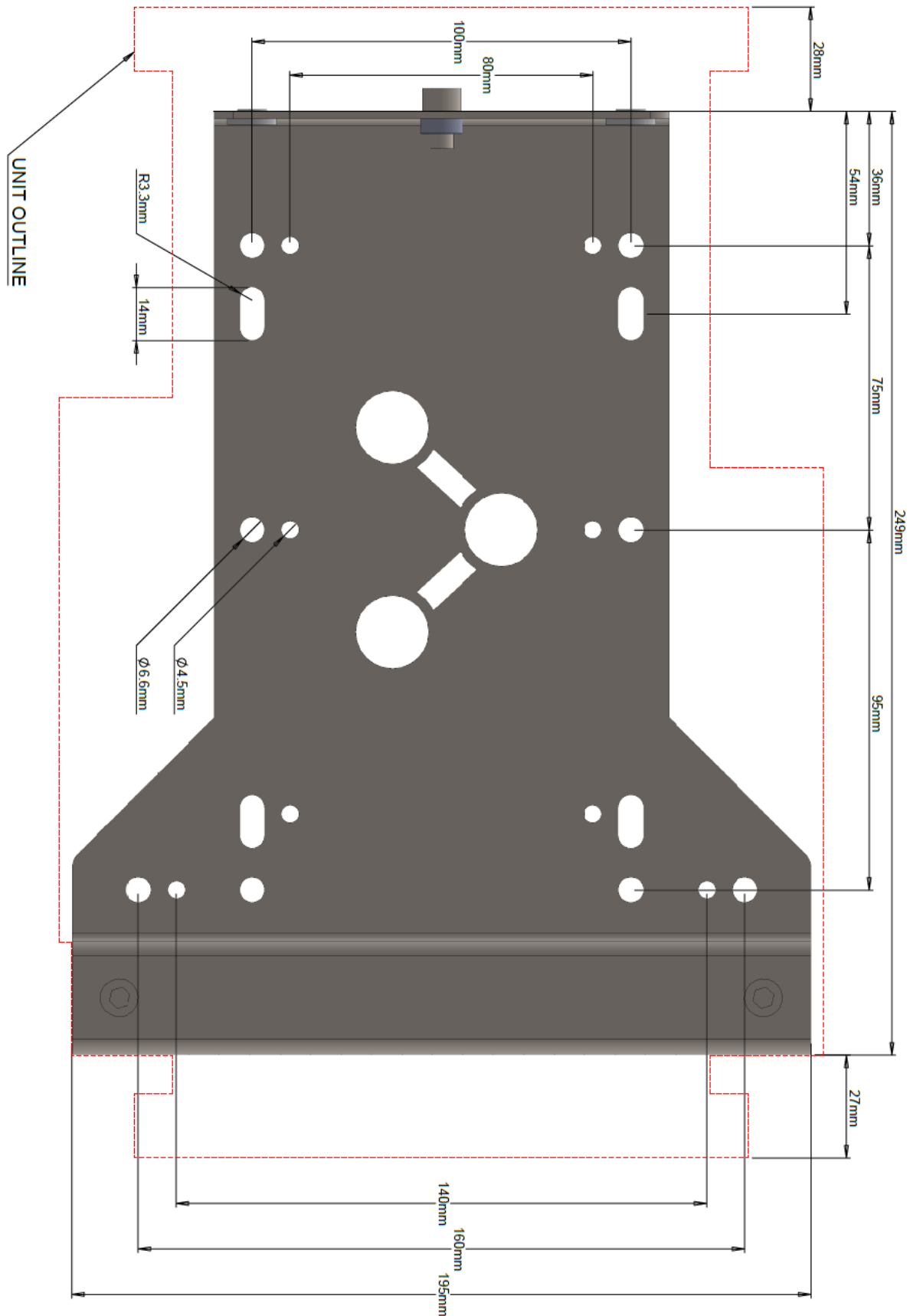
3. Installation Requirements

- The unit must be securely mounted to a vertical surface using the supplied mounting bracket.
- The unit must be mounted with the inlet and outlet arms horizontally oriented and level.
- The water supply to the unit must be connected to the lower port.
- The processed water supply to a tap etc. must be taken from the upper port.
- To achieve the rated biological performance, the water supplied to the unit must have passed through a particulate filter. With the exception of an isolating valve, the particulate filter must be the final functional component upstream of the unit inlet port.
- The electrical supply to the unit must be protected by a 10A over-current protection device. (MCB or fuse.)

4. Installation Precautions

- The unit must be protected from freezing, unless it has been drained of all water.
- The processed water supplied by the unit is likely to contain inactivated pathogens. Inactivated pathogens will not cause illness but may be captured, if desired, by means of a second particulate filter, fitted downstream of the unit.
- If isolating valves are fitted to both water ports, care must be taken to avoid allowing the unit to experience a significant change in temperature whilst the unit is full of water and both valves are closed. If this occurs, the change in volume of the constrained water is likely to cause severe mechanical damage to the unit. If the installation valve arrangements are likely to result in this scenario, provision must be made externally to the unit to accommodate the thermal expansion or contraction of the water.

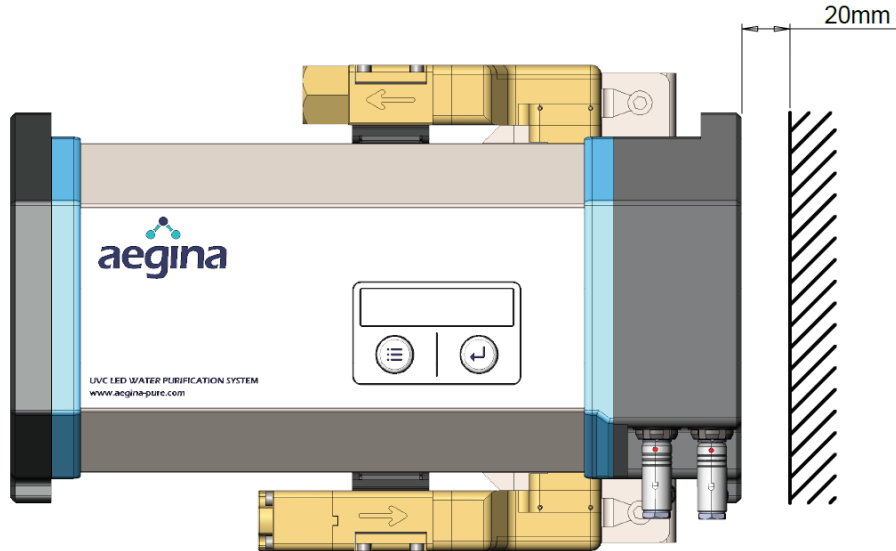
5. Mounting Bracket Dimensions



6. Installation Site Clearances

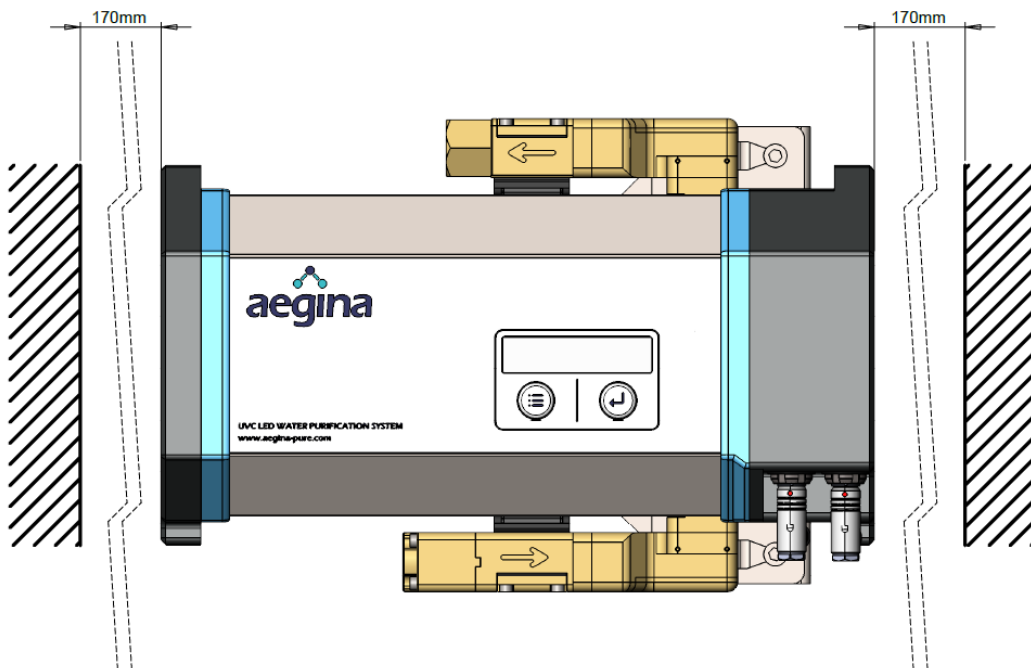
- The unit is specifically designed for ease of access during maintenance.
- If lateral space is very constrained, the unit may be removed from the wall bracket in its entirety before the end modules are separated from the main body.

In this case, the absolute minimum RHS clearance is as follows:

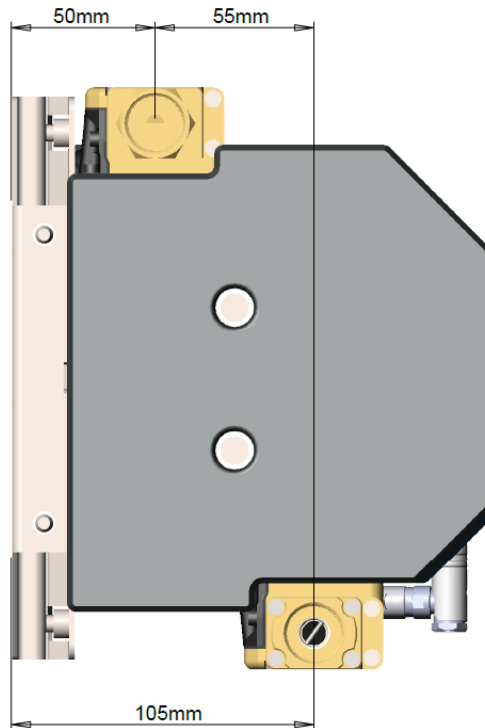
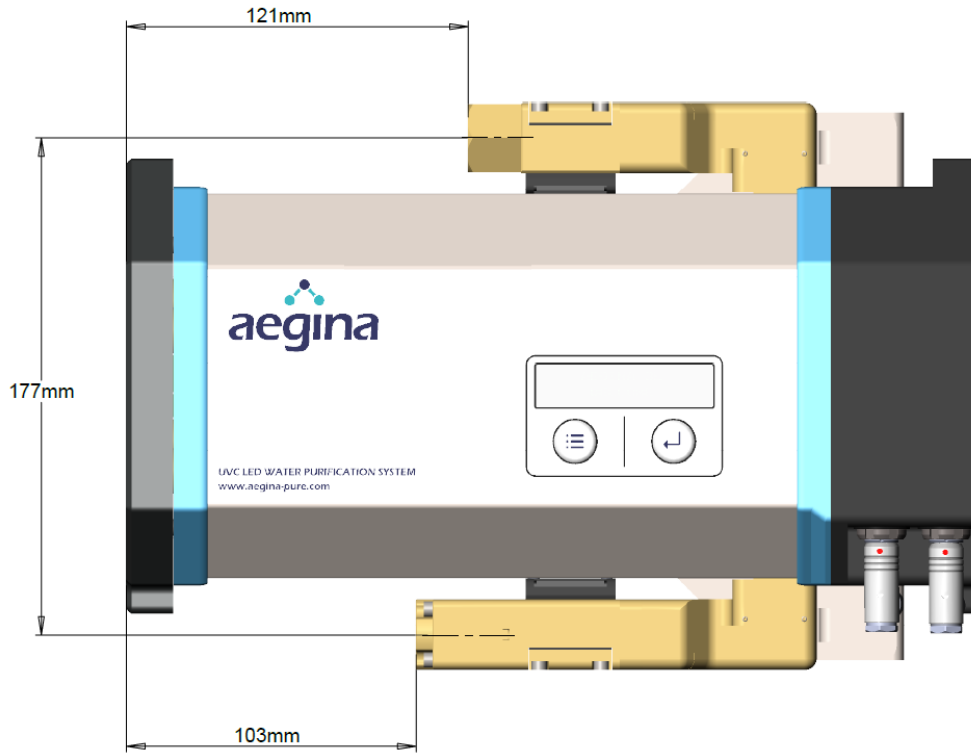


- Alternatively, if the installation site allows, the main body of the unit may be left in-situ for most maintenance operations and only the end modules removed.

In this case, the recommended clearances are as follows:



7. Plumbing Connection Positions



8. Attachment of Unit to Mounting Bracket

