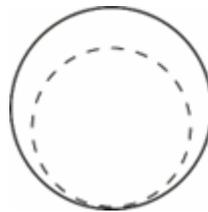


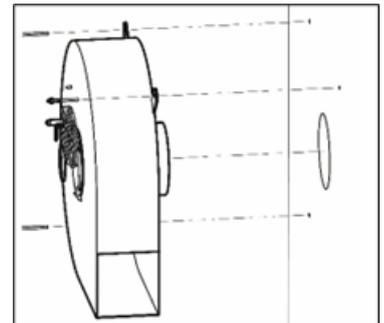
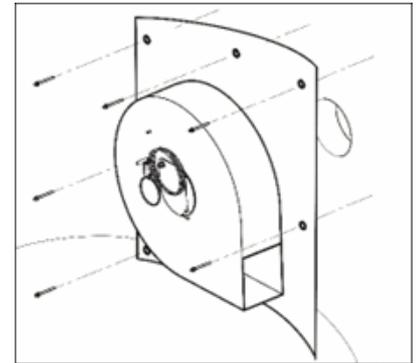
Hydro-Brake® Basic-S with Curved Backplate mounting

Construct control chamber to drawing with flat concrete mounting surface cast on inside face of manhole wall at outlet pipe. Ensure that sump floor level is formed at the minimum value shown on the drawing.

Offer up Hydro-Brake® Basic-S to outlet hole invert to invert, as shown below. Mark and drill the required holes through fixing lugs for masonry fixing bolts M10 x 75.



Inspect pre-fitted neoprene rubber gasket to ensure fully attached and undamaged. Position the Hydro-Brake® Basic-S and bolt up until moderate compression of gasket is achieved.



Form benching / standing area as indicated on installation drawing.

Fix eye brackets on operating rope to soffit of roof slab by means of masonry bolts to achieve a direct line of pull from above the chamber access cover.

(Two eye brackets are threaded on the rope for a change in direction of the line of pull should this be necessary).

Fix handle hook in convenient position inside the access hole. Place tag handle on hook and adjust length of rope using the simplex wire clip provided (shown in diagram). The operating rope is to be tensioned so that the rope is hung taut from the hook.



Post installation inspection must take place to:

- Ensure no damage has occurred to the unit during installation and construction/ completion of the chamber.
- Ensure there is no debris (wood, plastic bottles/bags etc.), in the chamber.
- Carry out test operation of the bypass door operating rope after fitting and confirm the door closes fully when released.

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Hydro-Brake® Basic S Curved Backplate Installation Instructions B/1225