

# APPROACH SECTION FOR H FLUMES



An approach section is a rectangular structure with a flat floor which is molded (or attaches) to the entrance of a HS / H / HL flume; conditioning and developing the flow before it enters the flume.

Having the same cross-sectional shape as the inlet of the flume to which they are attached, the length of an approach section should be 3 to 5 times the maximum anticipated head,  $H_{max}$ . As a default, approach sections are commonly sized to be 3 to 5 times the depth of the flume.

Custom approach section lengths (longer / shorter / multi-piece) are available from Openchannelflow as needed.

An approach section is a convenient location in which to mount flow conditioning accessories.

Approach sections are commonly used to mount inlet bulkheads mounting pipe stubs, flanges, or caulking collars to allow HS / H / HL flumes to connect to inlet piping. In addition, inlet wing walls can also be attached to approach sections for HS / H / HL flumes measuring flows in open channels.

## ACCESSORIES

- Perforated Plates
- Tranquilizer Racks
- Energy Absorbers
- Static Bar Screens
- Wing Walls

*In addition, parameter probes (pH, DO, etc.) are commonly mounted in the approach section due to the limited space in the flume itself.*

