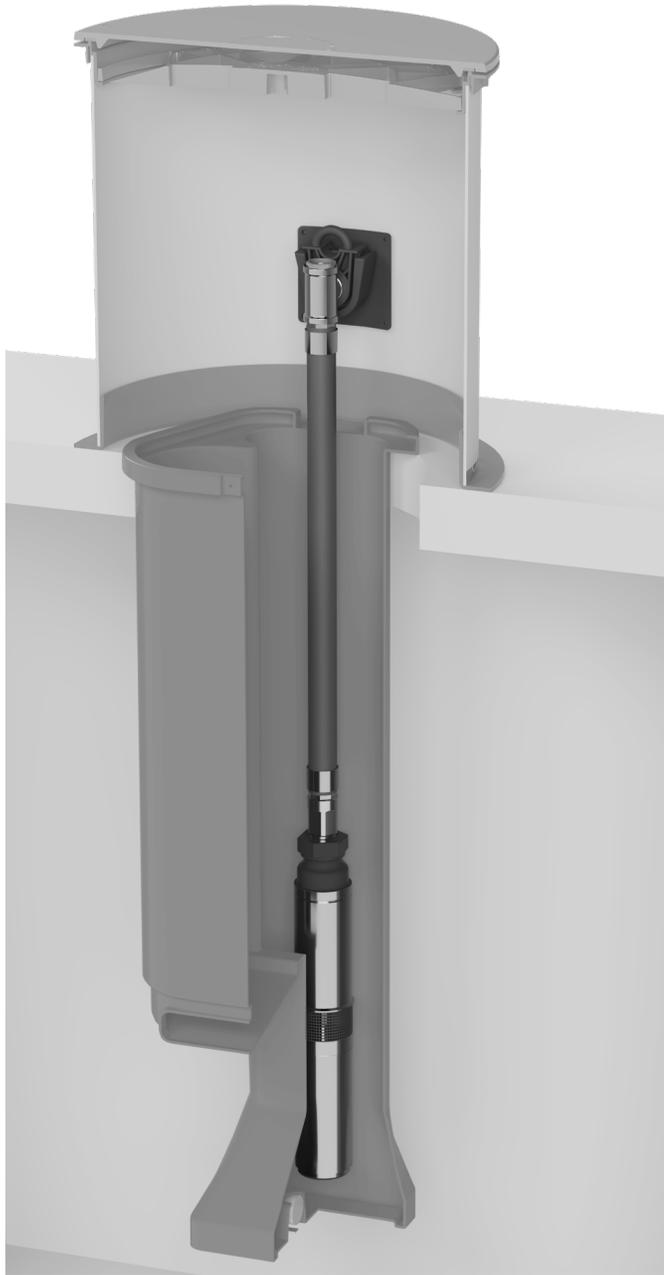


# HDA-Series Pump Discharge Assemblies

## Applications

Orenco's HDA-Series Pump Discharge Assemblies are designed for most pumping applications using one or two 4in (100mm) submersible effluent pumps to convey effluent to the exterior of a riser, tank, or basin. They are ideal for sites with deep burial needs or cold weather conditions. HDA-Series discharge assemblies are not designed for low-head centrifugal pumps.



HDA-Series Pump Discharge Assembly shown in a cutaway pump vault

## General

HDA-Series pump discharge assemblies are hanging-style discharge assemblies designed to provide simple, durable, watertight installation and clear access to tank and basin components. They combine a mounting plate with a quick-disconnect fitting and a section of flexible, high-pressure hose. The system configuration determines hose length.

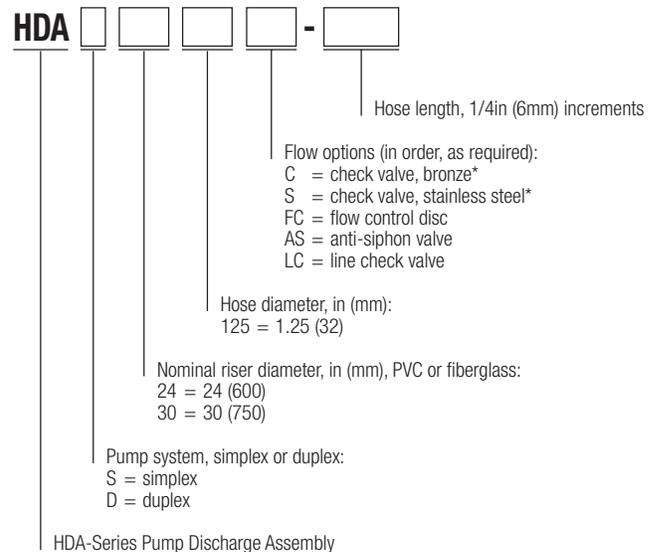
HDA-Series pump discharge assemblies are rated for 10gpm, 20gpm, and 30gpm pumps (0.6L/sec, 1.3L/sec, and 1.9L/sec). They are extremely easy to remove and reinstall for servicing with a simple tool (HDATool), available separately for purchase.

## Standard Models

HDAS24125CFCASLC-XX

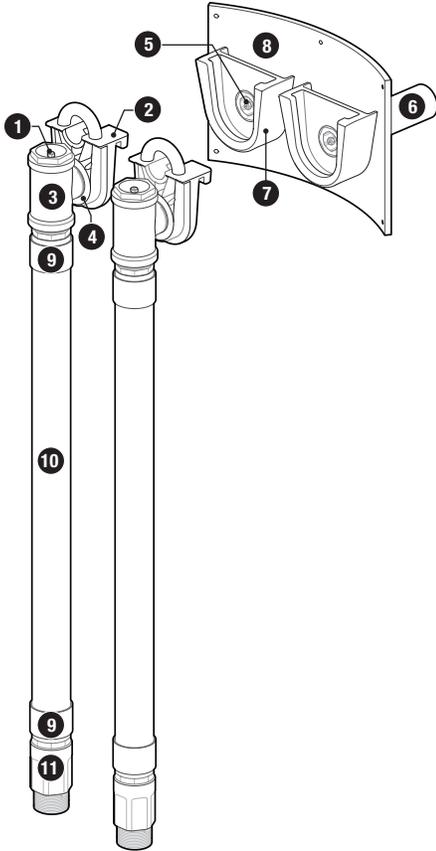
HDAD24125CFCASLC-XX

## Product Code Diagram

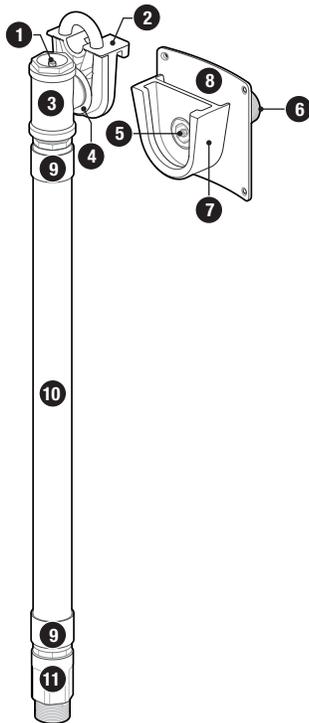


\*Not necessary if the pump(s) have internal check valves.  
Orenco's PF100511CV pump is equipped with an internal check valve.

**Not all product code configurations may be available as standard products.**



HDA-Series Pump Discharge Assembly, duplex model



HDA-Series Pump Discharge Assembly, simplex model

## Materials of Construction

### HDA

Anti-siphon valve	Sch. 80 PVC, EPDM, stainless steel
Check valve	Bronze
Crimp sleeve	Stainless steel
Discharge nipple, simplex	Stainless steel
Discharge nipple, duplex	Sch. 80 PVC
Flexible hose	Reinforced EPDM
Flow control disc	Sch. 80 PVC
Hose barb	Stainless steel
Line check valve	ABS, EPDM, stainless steel
Mounting plate, simplex	ABS
Mounting plate, duplex	Fiberglass
Quick-disconnect	Glass-filled thermoplastic
Tee fitting	Stainless steel

### HDA Tool

End cap	Rubber
Handle	Fiberglass
Tool head	Stainless steel

## Specifications

	HDAS24125C-XX	HDAD24125C-XX
Diameter, discharge nipple	1 1/4in (32mm)	1 1/4in (32mm)
Diameter, flow control orifice	1/4in (6.35mm)	1/4in (6.35mm)
Height, mounting plate	6.5in (165mm)	8in (203mm)
Width, mounting plate	6.5in (165mm)	12in (305mm)
Unit working pressure	100psi (689kPa)	100psi (689kPa)

## Components

1. Anti-siphon valve
2. Quick-disconnect, insert
3. Tee fitting
4. Flow control disc (optional, internal)
5. Line check valve (optional, internal)
6. Discharge nipple
7. Quick-disconnect, receptacle
8. Mounting plate
9. Crimp sleeve
10. Flexible hose
11. Check valve