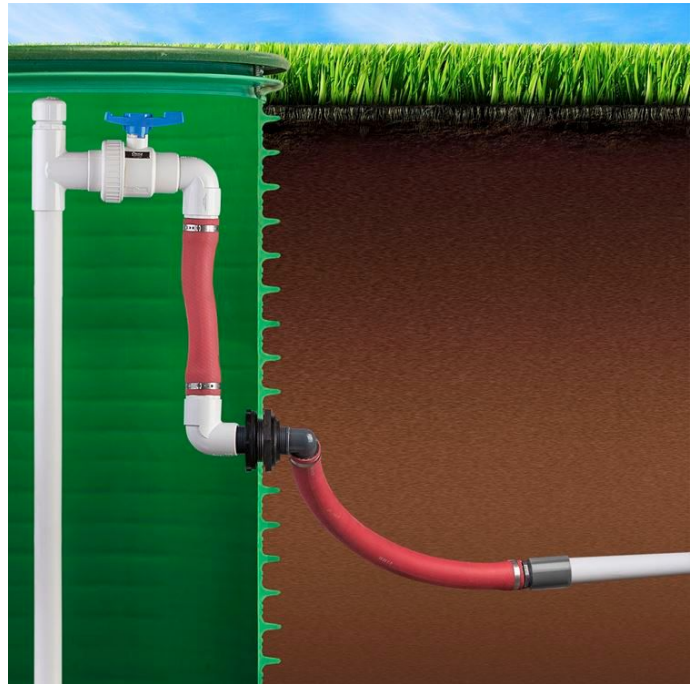


Pump Discharge Assemblies

Automated Flow Systems (AFS) Pump Discharge Assemblies

AFS pump discharge assemblies provide the essential plumbing inside of a pump basin or septic tank. Flexible hose is used to dampen vibrations, simplify installation, and absorb pump starting torque. AFS pump discharge assemblies use a universal design that is suitable for both high head and low head style pumps. Pump Discharge Assemblies are built using non-corrosive materials. 150 PSI rated high pressure configurations are available.



AFS Pump Discharge Assembly Applications

- residential pump stations
- light commercial pump stations
- onsite systems
- effluent pump stations
- sewage pump stations
- grinder pump stations
- sizes from 1"-2"

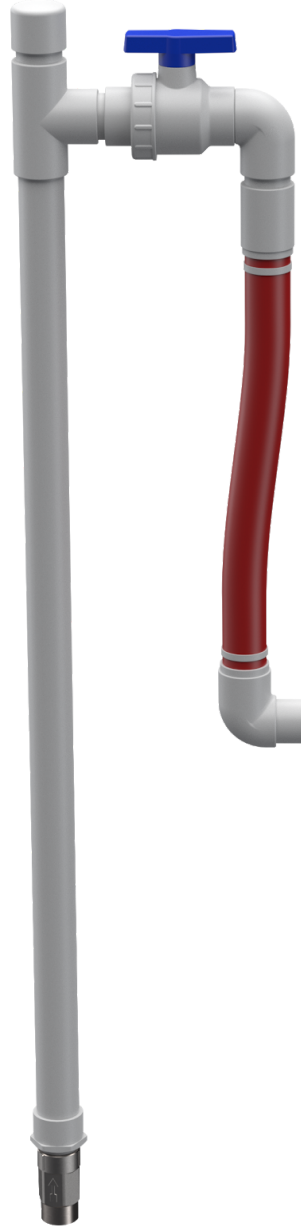
AFS Pump Discharge Assembly Features

- isolation valve and union
- optional check valve
- optional kam-lock quick disconnect configurations
- optional high pressure configurations
- suitable for both high head and low head style pumps
- relieves pipe stress due to misalignment
- dampens vibrations
- absorbs shock from pump starting torque
- unrestricted I.D. (standard configuration) for solids handling applications*
- easy access test gauge port
- test gauges in various pressure ranges available
- adapters for common pump discharge connections included

Pump Discharge Assemblies



Low Head 100 PSI*



High Head 150 PSI*



Quick Disconnect 75 PSI*

*max pressure varies by pipe size.

Pump Discharge Assemblies

Model	Pipe Size	Pump Connections	Working Pressure	Max Flow	Max Solids	Hose Length	Bending Radius
PDA100B	1"	1"/1.25"	75 PSI	12 GPM	0.90"	18"	3"
PDA100BC	1"	1"/1.25"	75 PSI	12 GPM	0.90"	18"	3"
PDA100BCQ	1"	1"/1.25"	75 PSI	12 GPM	0.90"	18"	3"
PDA125B	1.25"	1.25"/1.5"	80 PSI	45 GPM	1.35"	18"	4"
PDA125BC	1.25"	1.25"/1.5"	75 PSI	22 GPM	1.35"	18"	4"
PDA125BCQ	1.25"	1.25"/1.5"	75 PSI	22 GPM	1.35"	18"	4"
PDA150B	1.5"	1.25"/1.5"/2"	65 PSI	60 GPM	1.55"	18"	4"
PDA150BC	1.5"	1.5"/2"	65 PSI	60 GPM	1.55"	18"	4"
PDA150BCQ	1.5"	1.5"/2"	65 PSI	60 GPM	1.55"	18"	4"
PDA200B	2"	2"	60 PSI	100 GPM	1.95"	18"	5"
PDA200BC	2"	2"	60 PSI	50 GPM	1.95"	18"	5"
PDA200BCQ	2"	2"	60 PSI	50 GPM	1.95"	18"	5"
PDAHP100B	1"	1"/1.25"	150 PSI	25 GPM	0.75"	18"	8"
PDAHP100BC	1"	1"/1.25"	150 PSI	25 GPM	0.75"	18"	8"
PDAHP125B	1.25"	1.25"/1.5"	150 PSI	45 GPM	0.95"	18"	9"
PDAHP125BC	1.25"	1.25"/1.5"	150 PSI	45 GPM	0.95"	18"	9"
PDAHP150B	1.5"	1.5"/2"	150 PSI	60 GPM	1.125"	18"	10"
PDAHP150BC	1.5"	1.5"/2"	150 PSI	60 GPM	1.125"	18"	10"
PDAHP200B	2"	2"	150 PSI	100 GPM	1.65"	18"	14"
PDAHP200BC	2"	2"	150 PSI	100 GPM	1.65"	18"	14"

Key: PDA - Pump Discharge Assembly

100 = 1", 125 = 1.25", 150 = 1.5", 200 = 2"

B - Ball Valve, BC - Ball Valve & Check Valve, BCQ - Ball Valve & Check Valve & Quick Disconnect

HP - High Pressure