

Air, Dirt, and Pressure Management-Air Separators

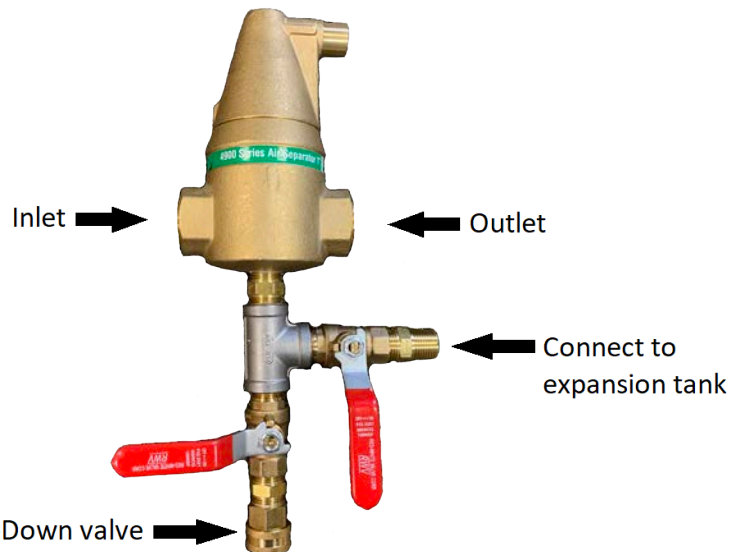
Geo-Flo's air separators eliminate any air that remains in the loop after system startup or maintenance. The stainless steel coalescing media inside the separator even traps small micro-bubbles and vents all air to the atmosphere preventing issues with system performance including noise and pump damage. The factory assembled air separators include a blow-down valve to allow dirt particles captured in the media to be removed, and a convenient connection for an expansion tank or water/anti-freeze make-up system such as the Geo-Booster.

Nomenclature

	1-3 ASL	4-6 - 08B	7-8 - 08	9-10 FP	11-12 08	13-14 FP	17 -N	
Type								Options
ASL=Air Separator In-Line								Blank=None
Separator type and size								Outlet connection type
04B = 1" brass with stainless steel coalescing media								FP= Female pipe thread (FPT)
08B = 2" brass with stainless steel coalescing media								SF =Socket fusion
Inlet connection size								Outlet connection size
04 = 1"								04 = 1"
05 = 1-1/4"								05 = 1-1/4"
08 = 2"								08 = 2"
Inlet connection type								
FP= Female pipe thread (FPT), brass								
SF =Socket fusion, HPDE								
SV=Socket fusion with isolation valve								

AIR SEPARATORS					
Part Number	Separator Type and Size	Inlet conn. Size	Inlet conn. Type	Outlet conn. Size	Outlet conn. Type
ASL-04B-04FP04FP	1"	1"	FPT	1"	FPT
ASL-04B-05SF05SF	1"	1-1/4"	Socket Fusion	1-1/4"	Socket Fusion
ASL-04B-05SV05SF	1"	1-1/4"	Socket Fusion W/ISO. Valve	1-1/4"	Socket Fusion
ASL-08B-08FP08FP	2"	2"	FPT	2"	FPT
ASL-08B-08SF08SF	2"	2"	Socket Fusion	2"	Socket Fusion

NOTE: Not all options are available.
Call for items not specifically listed.



Example of ASL-04B-04FP04FP
Geo-Flo Corporation

Expansion Tanks-Air, Dirt, and Pressure Management

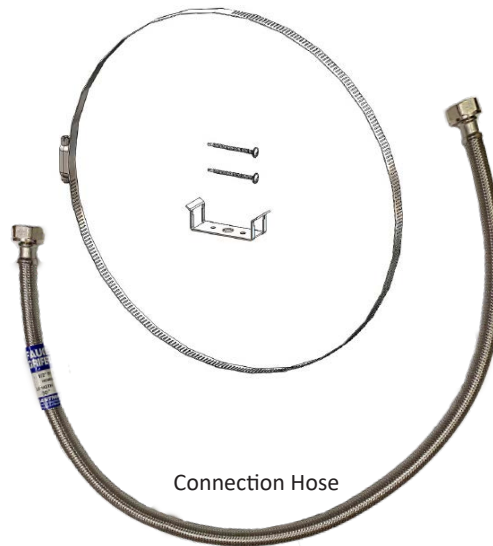
Expansion tanks are typically used on geothermal systems to prevent the system pressure from dropping too low when the HPDE loop pipe expands during cooling season (heat rejected to the loop). Geo-Flo recommends installing a thermal break between the system connection and any steel expansion tank to prevent the tank from sweating and corroding. For more detailed information on expansion tanks for geothermal systems, see the Literature link on our website www.geo-flo.com.

EXPANSION TANKS			
PN	DESCRIPTION	CAPACITY (GALLONS)	CONNECTION SIZE
3230	Expansion Tank, HDPE, .75 GAL	.75	1-1/4" socket fusion
ETN-FX-HTX15	Expansion Tank, NON-ASME, 2.1 GAL	2.1	1/2" MPT
ETN-FX-HTX30	Expansion Tank, NON-ASME, 4.8 GAL	4.8	
ETN-FX-HTX60	Expansion Tank, NON-ASME, 6 GAL	6	
ETN-FX-HTX90	Expansion Tank, NON-ASME, 15 GAL	15	3/4" MPT



Expansion Tanks

Mounting Kits



Connection Hose



3230

MOUNTING KITS		
PN	Description	Compatible Expansion Tank
4579	Expansion Tank Mounting Kit	ETN-FX-HTX15
4680	Expansion Tank Mounting Kit. 4.4-7.6G	ETN-FX-HTX30 ETN-FX-HTX60 ETN-FX-HTX90
CONNECTION HOSES		
4645	Hose, 1/2" FIP X 1/2" FIP, 30" long, PVC core, Stainless Steel braid	ETN-FX-HTX30 ETN-FX-HTX60 ETN-FX-HTX90