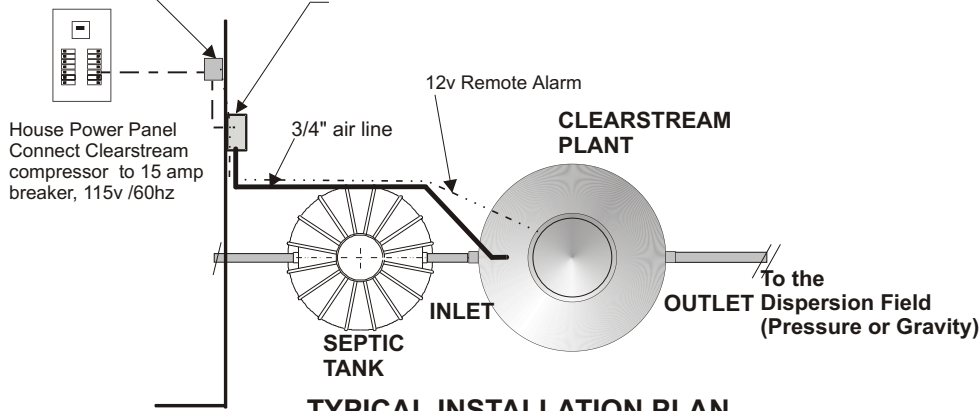


Locate alarm box where visible.

The Aerator must be mounted in the Clearstream housing in a dry, non-dusty ventilated location. Locate the Aerator as close as practical to the plant but in no case greater than 100ft(50ft for 1500H). Run 3/4" poly or PVC from the Aerator to the air stub inlet on the plant.



**TYPICAL INSTALLATION PLAN**

MODEL	500H	600H	750H	1000H	1500H
Capacity impgal/day	416	500	624	832	1248
Septic Tank gals	600	600	600	750	1,000
Aerator Model	CS-103E	CS-103E6	CS-103F	CS-103G	CS-103H
Power (Amps Max.)	3.8	3.8	4.7	4.7	6.5
Power (Watts)	151	157	195	220	425
Dimensions					
Height	7'-0"	6'-3"	7'-1"	9'-0"	8'-6"
Diameter	5'-3"	6'-4"	6'-4"	6'-4"	8'-0"
Inlet/Outlet Invert	5'-3"	4'-7"	5'-5"	7'-3"	6'-10"
Pipe Connections	4"sch40	4"sch40	4"sch40	4"sch40	4"sch40
Weight					
Shipping Weight lbs	375	450	480	580	875
Flooded Weight lbs	7,500	9,500	11,000	15,000	22,000

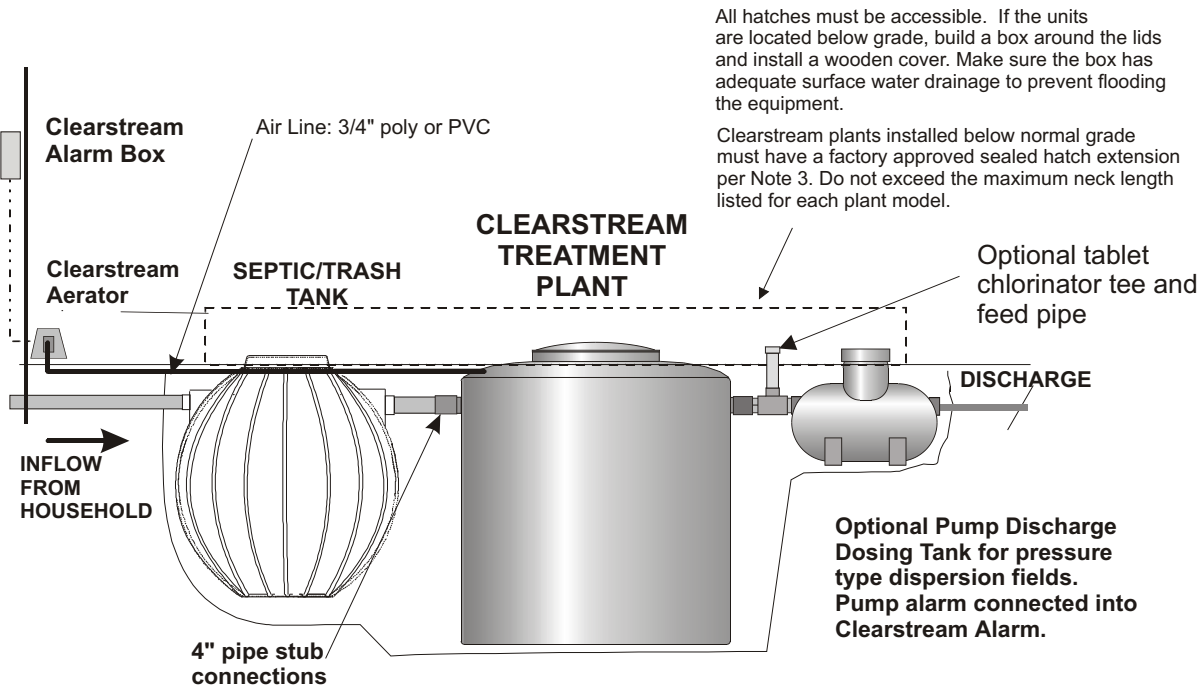
**POWER SUPPLY 115v/60hz 15 amp**

**NOTES**

1. All Clearstream systems must have a septic tank ahead of the unit.
2. The outlet of the Septic tank must be at the same level as the inlet pipe to the Clearstream.
3. For below normal grade installations, a Clearstream CS-115 6" extension riser must be used. In no case should the riser be more than 18" on model 500H and 600H, or 12" on models 750H, 1000H, or 1500H. Riser joints must be sealed watertight.
4. Make the excavation at least 1 foot larger than the unit and place 4" of sand or other fine-grained material on the bottom. Tamp the material smooth and level.
5. The tank must be level to function properly. During water filling, check the level periodically.

**NOTICE**

**ALL LIDS AND COVERS MUST HAVE SECURITY LOCKS TO PREVENT UNAUTHORIZED ACCESS AND TAMPERING.**



All hatches must be accessible. If the units are located below grade, build a box around the lids and install a wooden cover. Make sure the box has adequate surface water drainage to prevent flooding the equipment.

Clearstream plants installed below normal grade must have a factory approved sealed hatch extension per Note 3. Do not exceed the maximum neck length listed for each plant model.

Optional Pump Discharge Dosing Tank for pressure type dispersion fields. Pump alarm connected into Clearstream Alarm.

Authorized Dealer			
<b>NPS WASTEWATER SYSTEMS LIMITED</b>			
Date: 941015	Scale:	Rev: 980417	
Unit 3, 1974 Spicer Rd., North Vancouver BC, V7H 1A2 Tel: (604) 924-1085 Fax: (604) 924-1785			<b>CS- 1</b>