



SLH Deaerating Heaters

Flow Rates from 18 to 300 gpm

SLH Deaerating Heaters remove oxygen, free carbon dioxide and other non-condensable gases from make-up water used for boiler feed, as well as from return condensate. This product combines simplicity and compactness with high performance and operational efficiency. SLH horizontal deaerating heaters are ideal for low-pressure boiler plants.

- Compact construction keeps headroom and space requirements to a minimum
- Violent scrubbing action assures complete heating and deaeration
- Maximum efficiency is achieved by preheating water to near steam temperature
- Unique stainless steel internal direct contact vent condenser makes the required vent rate so low it almost eliminates steam loss
- Simple, inexpensive installation
- Furnished with internal vent condenser and spray valves, inlet control valve, overflow control, thermometer, sentinel relief valve, pressure gauge, gauge glasses and structural support

SYSTEM SPECIFICATIONS

Model Number	SLH-9	SLH-18	SLH-30	SLH-50	SLH-70	SLH-90	SLH-110	SLH-150
Outlet Capacity								
lb./hour	9,000	18,000	30,000	50,000	70,000	90,000	110,000	150,000
gpm.	18	36	60	100	140	180	220	300
Storage								
lb.	1,500	3,000	5,000	8,333	11,667	15,000	18,333	25,000
gallons	180	360	600	1,000	1,400	1,800	2,200	3,000
System Dimensions								
HxDxW								
feet	7x8x10	7x8x13	7x8x17	8x9x18	9x10x17	9x10x20	9x10x28	9x10x27
m.	17x20x25	17x20x33	17x20x43	20x23x46	23x25x43	23x25x50	23x25x71	23x25x68
Shipping Weight								
lb.	1,920	2,360	3,010	4,200	5,160	5,860	6,900	8,000
kg	871	1,070	1,365	1,905	2,340	2,658	3,130	3,628

Vessels are designed per the ASME Code. Minimum shell and head-plate thickness 1/4".

Units with <50,000 lb. capacity are 50 psi ASME Code design pressure.

Units with >50,000 lb. capacity are 30 psi ASME Code design pressure.

ORDERING INFORMATION

Contact USFilter in Warren, New Jersey, at 800.631.0878 ext. 6017 for ordering or product information.