

Category: Heater

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Description: **Hydra Liner -
HYDRAULIC FLUID WARMER**

APPLICATIONS:

Hydraulic Fluid - Water - Other Fluids

PRODUCT DESIGNS:

Warm oil flows free,

- Reduce pump cavitation and resulting damage,
- Increase productivity-no more idle equipment or workers waiting for hydraulics to warm up,
- Versatile design allows for use on equipment for Logging, Construction, Mining, Waste Hauling, Utility and Maintenance Vehicles.

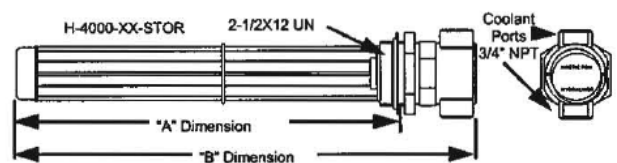
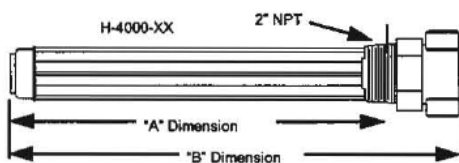
HYDRA LINER SERIES

- All stainless steel construction.
- Large surface area exposed to fluid to maximize heat rise.
- Threads into standard 2" NPT female pipe thread or 2" Straight Thread O-Ring (STOR) coupling. (Listed Below)
- Excellent coolant flow capacity, utilizing 3/4" NPT coolant connections.
- 5-year - 600,000 mile warranty.
- Install multiple units for larger tanks or faster heat rise.



WARNING: Cancer and Reproductive Harm
www.P65Warnings.ca.gov

Part Number	"A" Dimension Nominal	"B" Dimension Nominal	Surface Area Nominal	BYU/hr Nominal (1)	Typical Application (Ambient Air Temp) To -20°F / -29°C (2)	Typical Application (Ambient Air Temp) To 40°F / -40°C (2)
H4000-8 H-4000-8-STOR	7 inches 178mm	10 inches 254mm	105 in ² 8 dm ²	Water 4,200 Oil 2,100	Up to 20 US gallons 76 Liters	Up to 8 US gallons 30 liters
H-4000-12 H-4000-12-STOR	11 inches 280mm	14 inches 356mm	180 In ² 12 dm ²	Water 7,200 Oil 3,600	Up to 35 US gallons 133 Liters	Up to 14 US gallons 53 liters
H-4000-16 H-4000-16-STOR	15 inches 381mm	18 inches 457mm	250 In ² 16 dm ²	Water 10,000 Oil 5,000	Up to 50 US gallons 190 Liters	Up to 19 US gallons 72 liters
H-4000-20 H-4000-20-STOR	19 inches 483mm	22 inches 559mm	315 In ² 20 dm ²	Water 13,000 Oil 6,500	Up to 63 US gallons 239 Liters	Up to 25 US gallons 90 liters
H-4000-24 H-4000-24-STOR	23 inches 584mm	26 inches 660mm	385 In ² 24 dm ²	Water 16,000 Oil 8,000	Up to 77 US gallons 292 Liters	Up to 30 US gallons 113 liters



WELD ON TANK ADAPTERS		
PART NUMBER	DESCRIPTION	APPLICATION
A-3228HD	Steel – Schedule 80 2” NPT Female Coupling	Preferred for most installations on steel tanks
A-3228AHD	Aluminum T-6061 – Schedule 80 2” NPT Female Coupling	Preferred for most installations on aluminum tanks
A-3228HD-STOR	Steel – Combination 32 STOR and 2” NPT	May be used to install either design Hydra Liner
V6216	Steel – Half Coupling – 32 STOR	Used when external tank clearance is limited
A-5878SSHHD	Stainless Steel – Half Coupling – 32 STOR	Used when external tank clearance is limited
IS43THCK	Stainless Steel – 2” NPT Half Coupling 300#	Preferred for most installations on stainless steel tanks
TWF-32	Steel – Flange 32 STOR	Used when external tank clearance is limited
TWF-32N	Steel – Flange 2” NPT	Used when external tank clearance is limited

If you have any questions, contact our technical support team at (800) 860-7866 or via email at: info-us@webasto.com.