



# ASME Certified Commercial Storage Tanks Horizontal Bare and Sprayed-on Insulated

■ Five-Year Limited Tank Warranty – THE INDUSTRY'S FINEST

- Sprayed-on rigid insulation with acrylic topcoat exceeds ASHRAE 90.1 requirements with 2.25" of high-density polyurethane foam with an "R" value of R-16. SPF meets requirements for California Title 24. The best fire spread rating with a class I foam with less than a 25-flame spread rating suitable for boiler room applications.
- The 100% acrylic topcoat is formulated for applications over spray polyurethane foam and is designed to withstand extreme weather and a full range of environmental conditions.
- The 2 component polyurethane foam is applied at ambient temperatures, directly to the vessel in the desired thickness. The 2-coat topcoat is then applied from a high-pressure spray gun and allowed to dry between applications.
- Sprayed-on foam is an alternative to a insulated steel jacket and is field repairable
- Glass-fused-to-steel water tank
- Designed for 180°F
- All tanks are constructed and certified in accordance with ASME IV, part HLW for 125 psi and 150 psi
- Magnesium anode rods
- Lifting lugs and saddles are attached to the tank
- One ¾" NPT aquastat fitting
- Red oxide primer
- 12" x 16" manway standard on all models with a diameter of 42" or greater. Optional on all other sizes.
- Made in the USA

### Spray Polyurethane Foam:

Specific Gravity:	1.17 – 1.19
Viscosity:	800 – 1300
Density:	@ 2" 2.10 – 2.35; @4" 1.88 – 1.99
Closed cell content:	>90%
K-factor, initial:	0.155 – 0.170
Permeance:	2.91 (perms); 2.99 (perms inch)
Dimensional stability:	+3.3 to -8.2 – dry age 28 days (158°F, dry) -0.37 to -0.96 – freeze 14 day (-20°F)
Flame spread:	25 – ASTM E-84
Smoke development:	450
R Value:	7.2/inch
Maximum thickness:	4"

### Acrylic Coating:

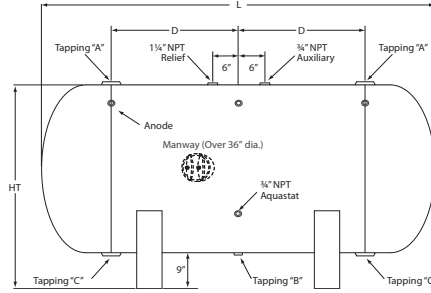
Topcoat:	2 coats white, 25 mils
Texture:	Smooth
Grade:	Spray or roll
Base:	100% acrylic
Solids by weight:	66% (+/-3)
Solids by volume:	55% (+/-3)
Weight per gallon:	11.65 (+/-0.2)
Tensile strength:	300 psi (+/-25)
Elongation:	260% (+/-25)
Durometer hardness:	62 Shore A (+/-2)
Tear resistance:	85 lbs/in.
Permeance:	11 U.S. Perms @ 20 mils
Viscosity:	110 K.U. (+/-8)
Codes/Approvals:	Energy Star, ICC, UL, ASTM D6083
Reflectivity:	New 85%, aged 78%
Emmissivity:	.89



WE TAKE WATER HEATERS PERSONALLY

# BOCK COMMERCIAL STORAGE TANKS

This product is available from:



Bare Model 125 psi	Bare Model 150 psi	Insulated Model 125 psi	Insulated Model 150 psi	Nominal Cap. GAL (L)	Actual Cap. GAL (L)	Dimensions in Inches (cm)				Tapping "A" NPT	Tapping "B" NPT	Tapping "C" NPT	Bare Weight @ 125 psi LBS (kg)	
						Height	Diameter	Base Clearance "E"	"L"					"D"
HB-260-125	HB-260-150	HI-260-125	HI-260-150	260 (984.21)	240 (908.50)	39.00 (99.06)	30.00 (76.20)	4.00 (10.16)	85.00 (215.90)	29.00 (73.66)	2.50	1.00	3.00	383 (173.73)
HB-303-125	HB-303-150	HI-303-125	HI-303-150	303 (1,146.98)	280 (1,059.92)	39.00 (99.06)	30.00 (76.20)	4.00 (10.16)	99.00 (251.46)	36.00 (91.44)	2.50	1.00	3.00	433 (196.41)
HB-340-125	HB-340-150	HI-340-125	HI-340-150	340 (1,287.04)	320 (1,211.33)	39.00 (99.06)	30.00 (76.20)	4.00 (10.16)	111.00 (281.94)	42.00 (106.68)	2.50	1.00	3.00	476 (215.91)
HB-318-125	HB-318-150	HI-318-125	HI-318-150	318 (1,203.76)	285 (1,078.84)	45.00 (114.30)	36.00 (91.44)	4.00 (10.16)	72.00 (182.88)	21.00 (53.34)	2.50	1.00	3.00	491 (222.71)
HB-344-125	HB-344-150	HI-344-125	HI-344-150	344 (1,302.18)	310 (1,173.48)	45.00 (114.30)	36.00 (91.44)	4.00 (10.16)	78.00 (198.12)	24.00 (60.96)	2.50	1.00	3.00	527 (239.04)
HB-375-125	HB-375-150	HI-375-125	HI-375-150	375 (1,419.53)	340 (1,287.04)	45.00 (114.30)	36.00 (91.44)	4.00 (10.16)	85.00 (215.90)	27.50 (69.85)	2.50	1.00	3.00	559 (258.09)
HB-397-125	HB-397-150	HI-397-125	HI-397-150	397 (1,502.81)	360 (1,362.75)	45.00 (114.30)	36.00 (91.44)	4.00 (10.16)	90.00 (228.6)	30.00 (76.20)	2.50	1.00	3.00	599 (271.70)
HB-449-125	HB-449-150	HI-449-125	HI-449-150	449 (1,699.65)	415 (1,570.95)	45.00 (114.30)	36.00 (91.44)	4.00 (10.16)	102.00 (259.08)	36.00 (91.44)	2.50	1.00	3.00	671 (304.36)
HB-502-125	HB-502-150	HI-502-125	HI-502-150	502 (1,900.28)	465 (1,760.22)	45.00 (114.30)	36.00 (91.44)	4.00 (10.16)	114.00 (289.56)	42.00 (106.68)	2.50	1.00	3.00	743 (337.02)
HB-555-125	HB-555-150	HI-555-125	HI-555-150	555 (2,100.90)	515 (1,949.49)	45.00 (114.30)	36.00 (91.44)	4.00 (10.16)	126.00 (320.04)	48.00 (121.92)	2.50	1.00	3.00	815 (369.68)
HB-486-125	HB-486-150	HI-486-125	HI-486-125	486 (1,839.71)	435 (1,646.65)	51.00 (129.54)	42.00 (106.68)	4.00 (10.16)	81.00 (204.74)	24.00 (60.96)	3.00	1.00	3.00	695 (315.25)
HB-504-125	HB-504-150	HI-504-125	HI-504-150	504 (1,907.85)	453 (1,714.79)	51.00 (129.54)	42.00 (106.68)	4.00 (10.16)	84.00 (213.36)	25.50 (64.77)	3.00	1.00	3.00	716 (324.77)
HB-558-125	HB-558-150	HI-558-125	HI-558-150	558 (2,112.26)	505 (1,911.63)	51.00 (129.54)	42.00 (106.68)	4.00 (10.16)	93.00 (236.22)	30.00 (76.20)	3.00	1.00	3.00	779 (353.35)
HB-630-125	HB-630-150	HI-630-125	HI-630-150	630 (2,384.81)	575 (2,176.61)	51.00 (129.54)	42.00 (106.68)	4.00 (10.16)	105.00 (266.7)	36.00 (91.44)	3.00	1.00	3.00	863 (391.45)
HB-702-125	HB-702-150	HI-702-125	HI-702-150	702 (2,657.40)	645 (2,441.59)	51.00 (129.54)	42.00 (106.68)	4.00 (10.16)	117.00 (297.18)	42.00 (106.68)	3.00	1.00	3.00	947 (429.55)
HB-774-125	HB-774-150	HI-774-125	HI-774-150	774 (2,929.91)	720 (2,725.50)	51.00 (129.54)	42.00 (106.68)	4.00 (10.16)	129.00 (327.66)	48.00 (121.92)	3.00	1.00	3.00	1,031 (467.65)
HB-846-125	HB-846-150	HI-846-125	HI-846-150	846 (3,202.46)	790 (2,990.48)	51.00 (129.54)	42.00 (106.68)	4.00 (10.16)	139.00 (353.06)	53.00 (134.62)	3.00	1.00	3.00	1,101 (499.41)
HB-572-125	HB-572-150	HI-572-125	HI-572-150	572 (2,165.26)	500 (1,892.71)	57.00 (144.78)	48.00 (121.92)	4.00 (10.16)	73.00 (185.42)	18.50 (46.99)	3.00	1.00	3.00	928 (420.93)
HB-658-125	HB-658-150	HI-658-125	HI-658-150	658 (2,490.80)	580 (2,195.54)	57.00 (144.78)	48.00 (121.92)	4.00 (10.16)	84.00 (213.36)	24.00 (60.96)	3.00	1.00	3.00	1,045 (474.00)
HB-752-125	HB-752-150	HI-752-125	HI-752-150	752 (2,846.63)	675 (2,555.15)	57.00 (144.78)	48.00 (121.92)	4.00 (10.16)	96.00 (243.84)	30.00 (76.20)	3.00	1.00	3.00	1,173 (532.06)
HB-848-125	HB-848-150	HI-848-125	HI-848-150	846 (3,202.46)	765 (2,895.84)	57.00 (144.78)	48.00 (121.92)	4.00 (10.16)	108.00 (274.32)	36.00 (91.44)	3.00	1.00	3.00	1,301 (590.12)
HB-940-125	HB-940-150	HI-940-125	HI-940-150	940 (3,558.29)	840 (3,179.75)	57.00 (144.78)	48.00 (121.92)	4.00 (10.16)	120.00 (304.80)	42.00 (106.68)	3.00	1.00	3.00	1,428 (647.73)
HB-1128-125	HB-1128-150	HI-1128-125	HI-1128-150	1,128 (4,269.94)	1,040 (3,936.83)	57.00 (144.78)	48.00 (121.92)	4.00 (10.16)	141.00 (358.14)	52.50 (133.35)	3.00	1.00	3.00	1,652 (749.33)
HB-981-125	HB-981-150	HI-981-125	HI-981-150	981 (3,713.49)	875 (3,312.24)	63.00 (160.02)	54.00 (137.16)	6.00 (15.24)	99.00 (251.46)	37.50 (95.25)	3.00	1.50	3.00	1,596 (723.93)
HB-1219-125	HB-1219-150	HI-1219-125	HI-1219-150	1,219 (4,614.42)	1,110 (4,201.81)	63.00 (160.02)	54.00 (137.16)	6.00 (15.24)	123.00 (312.42)	49.50 (121.73)	3.00	1.50	3.00	1,889 (856.84)
HB-1457-125	HB-1457-150	HI-1457-125	HI-1457-150	1,457 (5,515.34)	1,340 (5,072.45)	63.00 (160.02)	54.00 (137.16)	6.00 (15.24)	147.00 (373.38)	61.50 (156.21)	3.00	1.50	3.00	2,182 (989.74)
HB-1814-125	HB-1814-150	HI-1814-125	HI-1814-150	1,814 (6,866.74)	1,690 (6,397.35)	63.00 (160.02)	54.00 (137.16)	6.00 (15.24)	183.00 (464.82)	79.50 (201.93)	3.00	1.50	3.00	2,622 (1,189.32)
HB-1395-125	HB-1395-150	HI-1395-125	HI-1395-150	1,395 (5,280.65)	1,245 (4,712.84)	69.00 (175.26)	60.00 (152.40)	6.00 (15.24)	114.00 (289.56)	45.00 (114.30)	3.00	1.50	3.00	2,299 (1,042.81)
HB-1689-125	HB-1689-150	HI-1689-125	HI-1689-150	1,689 (6,393.56)	1,530 (5,791.68)	69.00 (175.26)	60.00 (152.40)	6.00 (15.24)	138.00 (350.52)	57.00 (144.78)	3.00	1.50	3.00	2,704 (1,226.51)
HB-1983-125	HB-1983-150	HI-1983-125	HI-1983-150	1,983 (7,506.47)	1,820 (6,889.45)	69.00 (175.26)	60.00 (152.40)	6.00 (15.24)	168.00 (426.72)	69.00 (175.26)	3.00	1.50	3.00	3,110 (1,410.67)
HB-2276-125	HB-2276-150	HI-2276-125	HI-2276-150	2,276 (8,615.60)	2,105 (7,968.29)	69.00 (175.26)	60.00 (152.40)	6.00 (15.24)	186.00 (472.44)	81.00 (205.74)	3.00	1.50	3.00	3,516 (1,594.83)
HB-2570-125	HB-2570-150	HI-2570-125	HI-2570-150	2,570 (9,728.51)	2,395 (9,066.06)	69.00 (175.26)	60.00 (152.40)	6.00 (15.24)	210.00 (533.40)	93.00 (236.22)	3.00	1.50	3.00	3,922 (1,778.99)
HB-2115-125	HB-2115-150	HI-2115-125	HI-2115-150	2,115 (8,006.15)	1,865 (7,059.29)	81.00 (205.74)	72.00 (182.88)	6.00 (15.24)	120.00 (304.80)	48.00 (121.92)	3.00	1.50	3.00	2,876 (1,306.53)
HB-2538-125	HB-2538-150	HI-2538-125	HI-2538-150	2,538 (9,607.38)	2,385 (8,649.67)	81.00 (205.74)	72.00 (182.88)	6.00 (15.24)	144.00 (365.76)	60.00 (152.40)	3.00	1.50	3.00	3,523 (1,525.43)
HB-2961-125	HB-2961-150	HI-2961-125	HI-2961-150	2,961 (11,208.60)	2,700 (10,220.61)	81.00 (205.74)	72.00 (182.88)	6.00 (15.24)	168.00 (426.72)	72.00 (182.88)	3.00	1.50	3.00	3,851 (1,746.78)
HB-3384-125	HB-3384-150	HI-3384-125	HI-3384-150	3,384 (12,809.83)	3,115 (11,791.56)	81.00 (205.74)	72.00 (182.88)	6.00 (15.24)	192.00 (487.68)	84.00 (213.36)	3.00	1.50	3.00	4,338 (1,967.68)
HB-3807-125	HB-3807-150	HI-3807-125	HI-3807-150	3,807 (14,411.06)	3,530 (13,362.50)	81.00 (205.74)	72.00 (182.88)	6.00 (15.24)	216.00 (548.64)	94.50 (240.03)	3.00	1.50	3.00	4,825 (2,188.58)
HB-4406-125	HB-4406-150	HI-4406-125	HI-4406-150	4,406 (16,678.52)	4,120 (15,595.90)	81.00 (205.74)	72.00 (182.88)	6.00 (15.24)	250.00 (635.00)	113.00 (287.02)	3.00	1.50	3.00	5,516 (2,502.02)
HB-3310-125	HB-3310-150	HI-3310-125	HI-3310-150	3,310 (12,529.71)	2,915 (11,034.48)	93.00 (236.22)	84.00 (213.36)	6.00 (15.24)	138.00 (350.52)	57.00 (144.78)	3.00	1.50	3.00	4,647 (2,107.84)
HB-3886-125	HB-3886-150	HI-3886-125	HI-3886-150	3,886 (14,710.11)	3,480 (13,173.23)	93.00 (236.22)	84.00 (213.36)	6.00 (15.24)	162.00 (411.48)	69.00 (175.26)	3.00	1.50	3.00	5,328 (2,416.74)
HB-4462-125	HB-4462-150	HI-4462-125	HI-4462-150	4,462 (16,890.51)	4,045 (15,311.99)	93.00 (236.22)	84.00 (213.36)	6.00 (15.24)	186.00 (472.44)	81.00 (205.74)	3.00	1.50	3.00	6,009 (2,725.64)
HB-5038-125	HB-5038-150	HI-5038-125	HI-5038-150	5,038 (19,070.90)	4,610 (17,450.75)	93.00 (236.22)	84.00 (213.36)	6.00 (15.24)	210.00 (533.40)	93.00 (236.22)	3.00	1.50	3.00	6,689 (3,034.08)
HB-6141-125	HB-6141-150	HI-6141-125	HI-6141-150	6,141 (23,246.21)	5,695 (21,557.92)	93.00 (236.22)	84.00 (213.36)	6.00 (15.24)	256.00 (650.24)	116.00 (294.64)	3.00	1.50	3.00	7,994 (3,626.02)