

Commercial Large Volume Topcoat Storage Tanks



Photo is of
NV280TG5A

The Large Volume Topcoat Models feature:

- **Vertical or Horizontal Construction**—Horizontal models require two saddles and have two additional 3" NPT fittings.
- **Sprayed-On Rigid Insulation Topcoat**—The 100% acrylic topcoat has 2¼" (R-value of 16) of high density polyurethane foam that is formulated to withstand extreme weather and a full range of conditions.
- **Vitraglas® Lining**—Bradford White tanks are lined with an exclusively engineered enamel formula that provides superior tank protection from the highly corrosive effects of hot water. This formula (Vitraglas®) is fused to the steel surface by firing at a temperature of over 1600°F (871°C).
- **Water Connections**—Two female 3" NPT fittings are located on the front for ease of service and installation. Additional size fittings are available as an option.
- **Magnesium Anode Rods**—Provide added protection against corrosion for long trouble-free service.
- **One 3/4" NPT Aquastat Fitting**—Located in the lower part of the tank.
- **Lifting Lugs**—Standard.
- **Optional Handhole Cleanout and Manway**—4" x 6" diameter Handhole cleanout and 12"x16" diameter Manway opening allows removal of sediment and inspection of interior surface.
— Manway required on all tanks with a vessel diameter of 42" or greater.
- **Optional HydroJet HC®**—Stainless steel, dielectrically isolated recirculation tube minimizes turbulence and directs the hottest water to the top of the tank to maximize hot water delivery.
- **Designed for Storage of Potable Water up to 180°F (82°C).**
- **Field Repairable.**
- **All Tanks are Constructed and Certified**—In accordance with ASME Sect. IV, Part HLW for 125 PSI (862 kPa). 150 PSI (1034 kPa) is available as an option.

Sample Specification:

The storage tank shall be a Bradford White Topcoat model with an actual rated storage capacity of not less than _____ gallons (_____ liters), and overall dimensions of _____ inches (_____ cm.) in height, by _____ inches (_____ cm.) in diameter. The tank shall be Vitraglas® lined, and be built in accordance with ASME Boiler and Pressure Vessel Code ASME IV, Part HLW for 125 PSI (862 kPa) and so labeled, with a working pressure of _____ P.S.I. (_____ kPa). The storage tank shall carry a five (5) year limited warranty (ten (10) year limited warranty available on Double Vitraglas® lining).



5-Year Limited Tank Warranties / 1-Year Limited Warranty on Component Parts.

For more information on warranty, please visit www.bradfordwhite.com

For products installed in USA, Canada and Puerto Rico. Some states do not allow limitations on warranties. See complete copy of the warranty included with the heater.

MANUFACTURED UNDER ONE OR MORE OF THE FOLLOWING U.S. PATENTS: 5,682,666; 7,634,976; 5,660,165; 5,954,492; 6,056,542; 6,935,280; 5,372,185; 5,485,879; 5,574,822; 7,971,560; 7,992,526; 6,684,821; 6,442,178; 7,334,419; 7,866,168; 7,270,087; 7,007,748; 5,596,952; 6,142,216; 7,699,026; 5,341,770; 7,337,517; 7,665,211; 7,665,210; 7,063,132; 7,063,133; 7,559,293; 7,900,589; 5,943,984; 8,082,888; 5,988,117; 7,621,238; 7,650,859; 5,761,379; 7,409,925; 5,277,171; 8,146,772; 7,458,341; 2,262,174. OTHER U.S. AND FOREIGN PATENT APPLICATIONS PENDING. CURRENT CANADIAN PATENTS: 2,314,845; 2,504,824; 2,108,186; 2,143,031; 2,409,271; 2,548,958; 2,112,515; 2,476,685; 2,239,007; 2,092,105; 2,107,012. Vitraglas® is a registered trademark of Bradford White® Corporation.

Commercial Large Volume Storage Tanks

Topcoat Models

Meet or exceed ASHRAE 90.1b (current standard)

Model Number	Capacity		Vert. Height in.	A Horiz. Length in.	B Diameter in.	Required Manway	C Floor to Return Conn. in.	D Hot Water Outlet Conn. Size in.	E Drain Valve in.	Approx. Shipping Weight @125 PSI lbs.
	Actual U.S. Gal.	Nominal U.S. Gal.								
N†175T*5A	175	193	69	65	35	—	17½	2½	1	303
N†210T*5A	210	229	81	77	35	—	17½	2½	1	347
N†240T*5A	240	260	91	87	35	—	17½	2½	1	383
N†280T*5A	280	303	105	101	35	—	17½	2½	1	433
N†285T*5A	285	318	76	45	41	—	19	2½	1	550
N†310T*5A	310	344	84	80	41	—	19	2½	1	527
N†320T*5A	320	340	117	113	35	—	17½	2½	1	476
N†340T*5A	340	375	91	87	41	—	19	2½	1	569
N†360T*5A	360	397	96	92	35	—	19	2½	1	559
N†415T*5A	415	449	108	104	41	—	19	2½	1	671
N†435T*5A	435	486	87	83	47	YES	20½	3	1	695
N†453T*5A	453	504	88	51	47	YES	20½	3	1	805
N†465T*5A	465	502	120	116	41	—	19	3	1	743
N†500T*5A	500	572	79	75	53	YES	22	3	1	928
N†505T*5A	505	558	97	51	47	YES	20½	3	1	874
N†515T*5A	515	555	132	128	41	—	19	2½	1	815
N†575T*5A	575	630	111	107	47	YES	20½	3	1	863
N†580T*5A	580	658	90	86	53	YES	22	3	1	1045
N†645T*5A	645	702	123	119	47	YES	20½	3	1	947
N†675T*5A	675	752	102	98	53	YES	22	3	1	1173
N†720T*5A	720	774	135	131	47	YES	20½	3	1	1031
N†765T*5A	765	846	114	110	53	YES	22	3	1	1301
N†790T*5A	790	846	145	141	47	YES	20½	3	1	1101
N†840T*5A	840	940	126	122	53	YES	22	3	1	1428
N†1040T*5A	1040	1128	147	143	53	YES	22	3	1	1652
N†1340T*5A	1340	1457	153	147	59	YES	25½	3	1½	2182
N†1690T*5A	1690	1814	189	183	54	YES	25½	3	1½	2622
N†1820T*5A	1820	1983	168	168	65	YES	27	3	1½	3110
N†2395T*5A	2395	2570	216	210	65	YES	27	3	1½	3922
N†3115T*5A	3115	3384	198	192	77	YES	30	3	1½	4338
N†3530T*5A	3530	3807	222	216	77	YES	30	3	1½	4825
N†4120T*5A	4120	4406	256	250	77	YES	30	3	1½	5516
N†5695T*5A	5695	6141	262	256	89	YES	33	3	1½	7994

†V = Vertical, H=Horizontal.

*G = Glass Lined (Vitrarglas®) (5 Year Warranty).

*D = Double Glass Lined (Vitrarglas®) (10 Year Warranty).

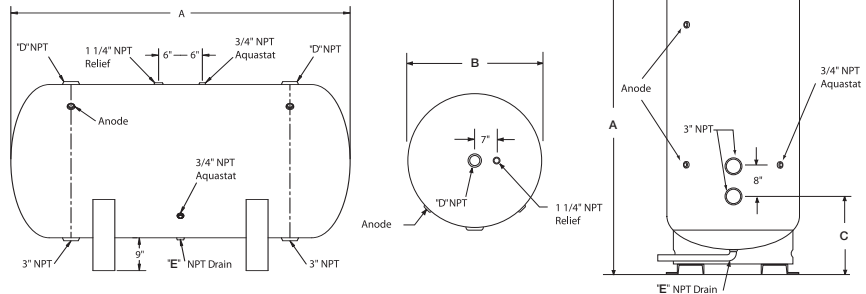
*E = Epoxy Lined (1 Year Warranty - Field Repairable).

*S = Stainless Steel Tank (1 Year Warranty).

Example: NV210TG5A.

Tank Options:

- Hand hole (4"x6")
- Manway (12"x16")
- Extra Tappings (1" - 4")
- Flanged Connections (3" - 10")
- 150 psi working pressure (add suffix -5)
- Hydrojet HC® (add suffix -1)



General

Front water connections 3" (76mm) NPT (except where noted). T&P tapping 1¼" (32 mm) NPT. Aquastat tapping 3/4" (19mm) NPT. Most storage tanks are manufactured with convex heads and bases. Some manufacturers list the tank capacity as "Nominal". Generally, this is the theoretical capacity calculated assuming a tank was actually manufactured using a flat (instead of convex) head and base. Bradford White lists both Actual and Nominal capacity for comparison purposes.

Dimensions and specifications subject to change without notice in accordance with our policy of continuous product improvement.



Ambler, PA

For U.S. and Canada field service, contact your professional installer or local Bradford White sales representative.

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