

AQUAFLOW™

AFB SERIES

STAINLESS STEEL BUFFER STORAGE TANKS

*The smarter way to balance
hydronic performance*



HEAT PUMPS

CONDENSING BOILERS

RADIANT HEATING

MUTLI-ZONE SYSTEMS

SNOW MELT



REDUCE SHORT CYCLING

Adds thermal mass when system demand falls below the boiler's minimum output, reducing unnecessary burner cycles. This improves efficiency, comfort, and equipment life.



BALANCES SYSTEM FLOW

Provides hydraulic separation between the boiler and distribution circuits for more consistent water flow. The result is smoother, more stable system operation.



SS CONSTRUCTION

AISI 44 Stainless Steel vessel and 316L fittings deliver excellent corrosion resistance. TIG welding, pickling, and passivation add long-term durability.

15 YEAR WARRANTY

RESIDENTIAL

5 YEAR WARRANTY

COMMERCIAL

POWERED BY



VIDEIRA

EMBRACE THE HEAT

ENGINEERED FOR MODERN HYDRONIC SYSTEMS

The AquaFlow™ AFB Buffer Tank is designed to maximize the performance of today's high-efficiency heating systems. By increasing system water volume, it reduces short cycling, stabilizes water temperatures, and improves comfort while helping extend the life of boilers and heat pumps.

WHY CONTRACTORS CHOOSE THE AQUAFLOW™ AFB BUFFER



REDUCES SHORT CYCLING

Adds thermal mass to reduce burner cycles, improving efficiency, comfort, and equipment life.



BALANCES SYSTEM FLOW

Provides hydraulic separation for consistent flow through the boiler and distribution circuits.



PREMIUM STAINLESS STEEL

AISI 444 vessel and 316L fittings provide superior corrosion resistance and reliability



FLEXIBLE INSTALLATION

Four 1½" NPT connections simplify piping to the boiler and distribution system



LOW HEAT LOSS

2" High-density foam insulation retains stored energy and reduces standby losses



BUILT TO LAST

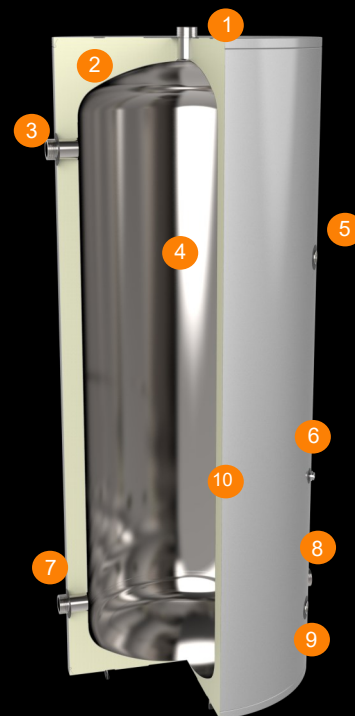
Automated TIG welding, pickling, and passivation provide lasting corrosion protection



AQUAFLOW™ AFB BUFFER TANK

INTERIOR

- 1) Hot Water Outlet - 1 1/2" M-NPT
- 2) 2" Polyurethane Foam
- 3) Boiler Supply - 1 1/2" M-NPT
- 4) Pickled & Passivated
- 5) Recirculation - 3/4" F-NPT
- 6) Temperature Sensor Well
- 7) Boiler Return - 1 1/2" M-NPT
- 8) Cold Water Inlet - 1 1/2" M-NPT
- 9) Drain - 3/4" F-NPT
- 10) 444 Stainless Steel Construction



CAPACITIES

STORAGE VOLUME (USG / LT)

PIPING CONNECTIONS

MAX. TANK WORKING PRESSURE

DIMENSIONS & WEIGHTS (INCHES/CENT)

DIAMETER (INCH/CM)

HEIGHT (INCH/CM)

WEIGHT (LBS)

AFB 25	AFB 55	AFB 80	AFB 119
23.2 / 88	52.6 / 199	79.5 / 301	112 / 424
1 1/2" NPT	1 1/2" NPT	1 1/2" NPT	1 1/2" NPT
150 Psi	150 Psi	150 Psi	150 Psi

21.7 / 55	21.7 / 55	24.5 / 62	28 / 71
29.1 / 74	57 / 144	64.5 / 135.4	65.7 / 166.5
61.7	104.7	145.5	196.2

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