aquaLOGIC
Chillers & Titanium Heat Exchangers

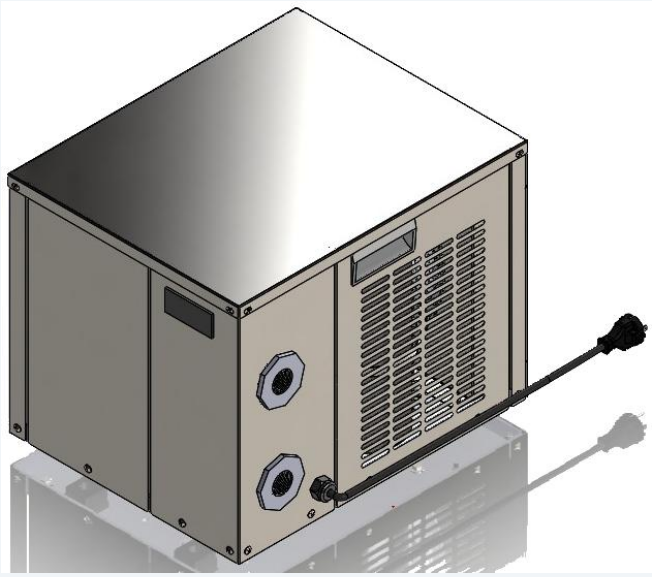
AIR-COOLED IN-LINE CHILLER
7,000 BTU/H • DS Plus

NEW FROM AQUA LOGIC

DS Plus Series

Air-Cooled Titanium Chiller

7,000 BTU/H of air-cooled capacity behind a full stainless-steel cabinet. A titanium tube-in-PVC-shell evaporator plumbs straight into the loop through built-in connections, and the digital controller maintains the setpoint with onboard short-cycle protection.



7,000
BTU/H NOMINAL CAPACITY

120V
SINGLE-PHASE POWER

R454B
EPA COMPLIANT REFRIGERANT

Titanium Tube-in-Shell
Enhanced titanium tube in a PVC shell with a safety water flow switch and dry sensor well built in.

Stainless Cover with Marine Coating
Stainless steel cover with recessed pull handles for easy lifting, plus a clear marine coating for lifelong corrosion resistance.

Digital Temperature Control
The digital controller with short-cycle protection keeps the compressor safe from rapid-start cycles.

R-454B Refrigerant
Low-GWP A2L refrigerant — rated for what's coming, not for what's being phased out.

Microchannel Condenser
All-aluminum microchannel heat exchanger for more efficient heat rejection.

Plug and Play
A single 120V circuit with a 6-ft cord, utilizing a standard NEMA 5-15P plug.

BUILT FOR

Display aquariums • Holding & quarantine systems • Live seafood • Hatcheries • Lab & research • Process cooling

Aqua Logic, Inc. • 2806 Gray Fox Rd, Monroe, NC 28110 • aqualogicinc.com

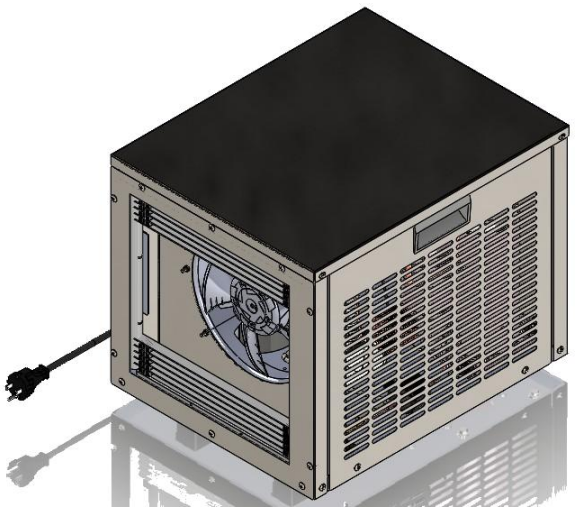
Specifications subject to change without notice.

DS-PLUS-FLYER-V1 Sept. 2026

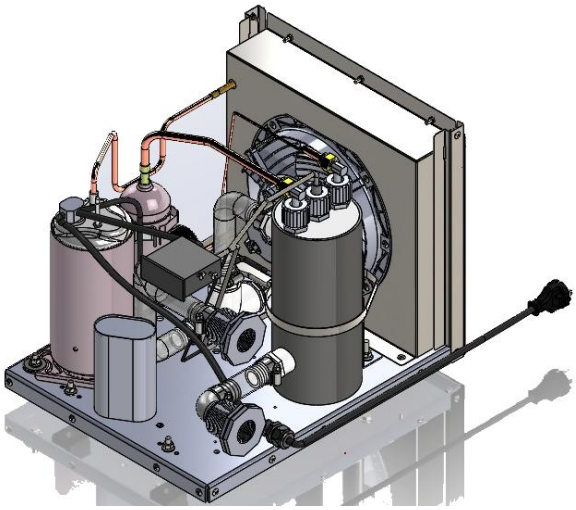
Specifications & Installation

For indoor fresh and saltwater applications. All dimensions are approximate and can change without notice.

SPECIFICATION	DS PLUS
Models	DSP007
Nominal capacities	7,000 BTU/H
Compressor range	1/2+ HP
Refrigerant	R-454B
Electrical	120V / 1 Ph
Power cord	6 ft, NEMA 5-15P plug
Fan air output	1,708 CFM
Evaporator	Titanium tube in PVC shell
Water connections	1" FPT inlet and outlet
Water flow	12 – 25 GPM
Water pressure drop	2 PSIG
Water temperature range	40°F – 80°F
Ambient air temperature	35°F – 100°F
Control	Digital, short-cycle protection
Cabinet	304 Stainless Steel with marine coating
Cabinet dimensions	14 3/4" W × 18 1/4" D × 14 1/2" H
Shipping dimensions	30 1/2" × 18 1/2" × 18 1/2"
Air clearance	12" minimum, inlet and outlet
Weight	TBD



Condenser air enters through the louvered side panels and discharges through the fan end — keep 12" clear at both.



Compressor, accumulator, filter drier, and the titanium tube-in-shell evaporator share one open base plate for service access.

Installation & Clearances

- Allow at least 12" of air clearance at the condenser air inlet and at the air outlet.
- Plumb the FPT inlet and outlet for 12–25 GPM; expect roughly 2 PSIG of pressure drop.
- Water 40°F–80°F, air 35°F–110°F. Contact Aqua Logic for temperatures outside these ranges.
- Utilize a GFCI 120V single-phase supply with the supplied 6 ft cord with a 5-15P plug.
- The safety water flow switch in the circuit protects the evaporator against no-flow, barrel freeze, and damage.

The DS-Plus lineup will be adding larger capacities soon!

Ready to quote today! Call us at 704-774-1391

Send us system volume, target temperature, heat load and water type — we will confirm sizing and flow.

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