

RUGGED AND RELENTLESS!

Hydronic heating designed for boondockers and overlanders who refuse to quit.

175

SERIES

D
DIESEL

G
GASOLINE

175

MODULAR

D
DIESEL

G
GASOLINE

Espar Burner

Hi-Quality,
Military-grade
Brass Fittings

Removable Cover

The **Aqua-Hot 175** is a compact hydronic heating system engineered for serious adventurers who demand more from their gear. Purpose-built with rugged, military-grade components, it delivers endless hot water and quiet, reliable heat in every environment — from frozen alpine trails to remote desert camps. Its streamlined design maximizes space, simplifies service, and powers true off-grid independence, giving overlanders the confidence to push farther and stay longer with lifetime-ready durability.

The Aqua-Hot 175 is available in modular and black box formats, engineered with an Espar burner, smart installation efficiencies, and high-quality connections. Designed for the rigors of off-road travel, it delivers continuous hot water and dependable comfort wherever your adventure takes you.

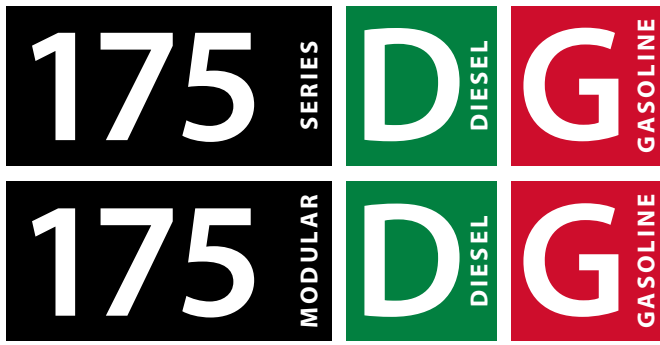
RUGGED FEATURE HIGHLIGHTS

- **High-Altitude Ready** - Engineered for extreme environments, the 175's automatic fuel-to-O₂ calibration keeps the burner clean, consistent, and maintenance-free, no add-on kits required.
- **Fuel-Smart for Off-Grid Living** - Runs directly off your van's fuel supply, no need for supplemental tanks. Built for true boondocking independence.
- **Targeted Heat Zones** - Compact, whisper-quiet heat exchangers can be placed exactly where you need them, eliminating hot and cold spots inside your rig.
- **Continuous Hot Water Supply** - Delivers 110–120°F water at 1.0 gpm — plenty for both kitchen and shower use, even in the backcountry. A 25% increase over the 125 Series.
- **Ultra-Quiet Operation** - Exterior combustion unit with its own muffler keeps noise outside. Interior fans run at low decibels for stealth camping and comfort.
- **Night Mode Stealth Heating** - Reduced fan speed ensures discreet, quiet heat through the night without sacrificing warmth.
- **Lifetime-Ready Durability** - Engineered to endure the rigors of overland travel and built to match the full lifespan of your vehicle with proper maintenance.
- **Dual Power Flexibility** - Operates on vehicle fuel or 120V shore power for reliable heat and hot water wherever you're camped.
- **Mission-Ready LCD Controller** - Control up to three zones independently with an easy-to-use interface, plus built-in test and diagnostic functions.
- **Compact All-in-One System** - One rugged unit delivers both hot water and heat—simplifying installation and saving space for gear.
- **Nationwide Service Support** - Backed by over 300 service centers across North America for confidence wherever you roam.

Please contact your sales representative for more information on the 175-Modular Series.

Adventure Ready Comfort!

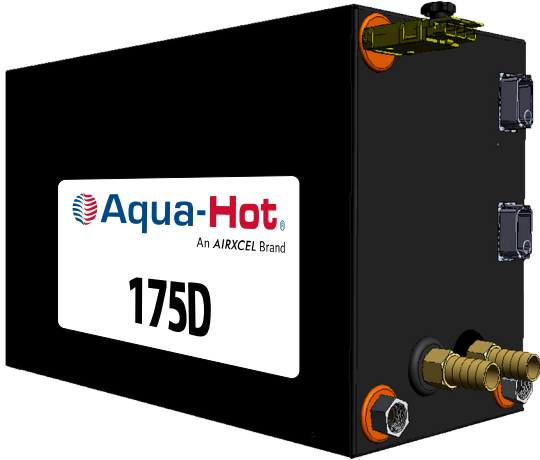
 **Aqua-Hot**[®]
An AIRXCEL Brand



DIY MAINTENANCE
BUILT TO LAST
EASY ACCESS TO COMPONENTS

MODEL NO.
AHE-175-DN1

The single, self-contained (11.5"H x 7.5"W x 17.66"D) unit delivers highly efficient heating and hot water, resulting in significant space and cost savings.



Compact Cozy Heat Exchangers (13.125" x 3.625" x 6.5") can be strategically placed to deliver heat to up to 3 different zones throughout the van. The exchangers can be installed either vertically or horizontally to easily integrate with interior configurations.



The LCD Screen Controller allows independent settings for up to 3 heating zones. Operation, Testing, and Diagnostic features give the user total control of their climate system.



SPECIFICATIONS	VALUE	UNIT
Max Tank Pressure	7	PSI
Watts (DC)/(AC)	(57)/(1500)	Watts
Voltage (DC)/(AC)	(12)/(110)	Volts
Tank Capacity	2	Gal
Burner Model	Espar S3	D5E/B5E
Burner Fuel	Gasoline/ Diesel	Fuel Type
Burner Rating	5	kW
ZONE HEAT CIRCULATION		
Pumps (MAX)	2	Pumps
Power Consumption (MAX)	40	Watts
Voltage (DC)	12	Volts
INTERIOR HEATING		
Maximum Heating Zones	3	Zones
Cozy	8,000	BTU
Whisper	4,000	BTU
Half Cozy	4,000	BTU
Domestic Water Heating Flow Rate (Maximum)	1	GPM
PHYSICAL SPECIFICATIONS		
Dimensions	17.66"L x 7.5"W x 11.5"H	Inches
Dry Weight	42	Pounds
Wet Weight	56	Pounds
DIESEL BURNER SPECIFICATIONS		
Heat Flow	17,060	BTU
Fuel Consumption	0.15-0.59	l/h
Coolant Pump Power Consumption	18	Watts
Working Altitude	10,000	Feet

For 40+ years, Aqua-Hot heating systems have set the standard for comfort on the road. The new 175 Series takes that legacy into the overland arena with a compact, **military-grade** hydronic heating system built for Class B campervan adventurers who demand more from their gear. **The 175's rugged construction ensures it keeps delivering heat and hot water as long as your coach is on the road.**

Fueled directly from the vehicle's tank, the 175 eliminates the need for extra fuel supplies — delivering **true off-grid independence**. Its advanced burner automatically calibrates the fuel-to-oxygen mix, ensuring clean, efficient performance without the sooting or service issues common in lesser systems.

A closed-loop thermal fluid design pushes heat exactly where it's needed — galley, sleeping area, or seating zones — with quiet, compact exchangers. The rugged LCD controller puts command at your fingertips, offering independent zone control plus diagnostics for on-the-fly adjustments.

And when it's time to wash off the trail, the 175 supplies continuous hot water at 1.0 gpm, holding a steady 110°–120°F for kitchen or shower use — even in the harshest environments.



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