Catch Tanks

Filtered Breather Catch Tank Our compact one quart breather tank can be used to vent a dry sump tank, rear end, or any other application that requires a filtered breather catch tank. The 3 1/4" diameter aluminum tank has one 1/4 NPT inlet and one 3/8 NPT inlet near the top. A drain petcock is provided at the bottom, and a special low-profile sintered bronze filter on the top keeps the overall height under 13". Includes a T-bolt mounting clamp. Meets SCCA requirements.

1 Quart Breather Tank
Part No. 2582-001 . . . . . $164.99

Universal Catch Tank Kit This square plastic catch bottle features a full two quart capacity. Molded 3/8" nipples at the top and bottom allow you to use this bottle as a coolant expansion tank if desired. For catch tank use, the bottom nipple should be capped. Translucent plastic makes it easy to read the fluid level. A steel wire mounting basket is included for easy installation. Measures 6" W x 4 1/2" D x 8" H (6 3/8" x 5" with basket). Meets SCCA requirements.

Universal 2 Quart Catch Tank / Expansion Tank Kit
Part No. 2582-102 . . . . . $39.99

Plastic Catch Bottle Our round, one quart catch bottle is made from high-temperature plastics to stand up to hot oil and coolant. A heavy-duty screw-on lid prevents leaks. The bottle is undrilled so you can position your vent hose anywhere you need it. The translucent plastic makes it easy to see when the bottle needs to be emptied. Measures 3 5/8" diameter x 8" high overall. Mounting bracket is not included. Meets SCCA requirements.

1 Quart Plastic Catch Bottle
Part No. 2581. . . . . $14.99

Cooling System Components

Machined Aluminum Filler Neck

If you fabricate your own aluminum radiators or swirl tanks and require a quality filler neck that can be welded on without distorting from the heat, then this is the part for you. Our aluminum filler neck is machined from a solid billet of 6061-T6 aluminum stock. This is not a flimsy, easily distorted stamped fitting. It can withstand the heat of welding without warping, so the cap will seal properly when the job is done. A threaded nipple is provided for connecting the overflow tube. Accepts any standard automotive radiator cap such as the Stant racing caps shown at right.

Aluminum Filler Neck . . . . Part No. CM 80-092 . . . . $22.00

Stant Racing Radiator Caps

Raising coolant pressure with a high-pressure radiator cap will increase the coolant boiling point, which helps to prevent overheating. Before installing one, have your cooling system pressure checked to ensure that it can handle the increased pressure. Specify nominal pressure: 20 psi (vents between18-22 psi) or 23 psi (vents between 21-25 psi).

Standard Cap . . . . . Part No. 1290-Press $19.99
Lever Cap . . . . . Part No. 1590-Press $23.99
The lever allows you to release system pressure before removing the cap.

Water Expansion Tank

An expansion (fill) tank is recommended for all applications where the top of the radiator is mounted lower than the top of the engine. Mounting the tank higher than the engine ensures a complete fill and provides an air space for expansion. Our lightweight aluminum tank has a 1.25 quart capacity and accepts a standard radiator cap such as the Stant racing caps at left (sold separately). A 1/2 NPT female port on the bottom and a 3/8 NPT female port on the side make plumbing easy. Measures 7 3/8" tall overall x 3 3/16" deep x 4 5/8" wide (6 9/16" wide including mounting tabs).

Water Expansion Tank . . . . . Part No. 2584 . . . . $117.00

Davies Craig Electric Coolant Pumps and Fans

Mechanical coolant pumps and fans are a compromise at best. If they are powerful enough to cool the engine at idle, they will cavitate or stall at high RPM. If you re-tune them for high-RPM performance, you will overheat on the grid. They also rob valuable horsepower through parasitic drag. Mechanical pumps and fans even cost you time when shifting gears because their inertia prevents engine RPMs from dropping when you lift off the throttle. **Davies Craig** electric pumps and fans solve all of those problems by running completely independent of engine speed. They can even be run after the engine is off to avoid heat soak. The Davies Craig controller automatically runs the pump and fan just as much as required to maintain the coolant temperature you set. Davies Craig pumps and fans are suitable for racing or street vehicles.

Davies Craig 12 Volt Electric Water Pump Kits with LCD Controller

Davies Craig Electric Water Pump Kits can be installed on virtually any vehicle with a water-cooled engine and a 12 volt electrical system. Multiple pumps can be run on a single engine to further increase capacity. (For example, the Ferrari 550 GTO Le Mans cars used two EWP80 pumps, one on each cylinder bank of the V-12 engine.) Each of these kits includes a Davies Craig LCD Controller (described in detail below).

Alloy pumps have an aluminum alloy body for strength. The inlet and outlet are designed to accept a 1 1/2" ID coolant hose, but they also have 1" NPT female threads for more plumbing flexibility. Nylon pumps (shown) have a composite-reinforced nylon body for light weight. Inlet and outlet accept 1 3/8" ID coolant hose.

The **EWP150** can flow up to 150 liters per minute. This pump is suitable for the most highly-modified racing engines and turbocharged applications.

EWP150 Alloy Electric Pump & LCD Controller Kit . . . . . Part No. DC8970 . . . . . $396.97

The **EWP115** can flow up to 115 liters per minute. It is recommended for stock, normally-aspirated V6 and V8 engines up to 3.5L.

EWP115 Alloy Electric Pump & Controller Kit . . . . . Part No. DC8950 . . . . . $360.88
EWP115 Nylon Electric Pump & Controller Kit . . . . . Part No. DC8930 . . . . . $338.74

The **EWP80** can flow up to 80 liters per minute. It is recommended for stock, normally-aspirated engines up to 2.0L (including FF1600 and Pinto-engined FF2000/FC/S2000).

EWP80 Nylon Electric Pump & Controller Kit . . . . . Part No. DC8907 . . . . . $338.74
This pump has replaceable bolt-on inlet and outlet fittings for versatility.

Davies Craig LCD Controller

The **Davies Craig LCD Controller** can control any Davies Craig electric water pump and an electric fan. The controller automatically adjusts the rate of coolant flow to maintain the temperature you set. It can even be wired to run after engine shut-down. Simply set your desired engine temperature and let the controller do the rest! The 2 3/4" wide LCD display even has a temperature gauge for easy monitoring. Works on 12 or 24 volts DC.

Davies Craig LCD Controller . . . . . Part No. DC8001 . . . . . $209.59
Includes temperature sensor and in-line sensor manifold for 1 5/16" - 1 5/8" ID hose.

Davies Craig 12 Volt Electric Cooling Fans

Davies Craig Electric Cooling Fans free up horsepower while providing more constant airflow. The unique reversible design can be installed as a pusher (upstream of radiator) or puller (downstream) depending on your application. Six different sizes are available to suit nearly any application. The largest sizes (14" and 16") measure less than 4" deep. Sizes smaller than 14" are less than 3" deep to fit in just about any engine compartment. Fan only; Wiring and Mounting Kit is sold separately. All of these fans run on 12 volts DC.

Davies Craig Electric Fan, 8" (5A, 200-300 CFM) . . . . . Part No. DC0135 . . . . . $61.25
Davies Craig Electric Fan, 9" (6.5A, 350-450 CFM) . . . . . Part No. DC0160 . . . . . $61.25
Davies Craig Electric Fan, 10" (7A, 500-600 CFM) . . . . . Part No. DC0145 . . . . . $61.25
Davies Craig Electric Fan, 12" (9A, 600-700 CFM) . . . . . Part No. DC0162 . . . . . $84.87
Davies Craig Electric Fan, 14" (13A, 850-1200 CFM) . . . . . Part No. DC0107 . . . . . $132.84
Davies Craig Electric Fan, 16" (19A, 1200-1500 CFM) . . . . . Part No. DC0166 . . . . . $140.22

Wiring and Mounting Kit . . . . . Part No. DC1000 . . . . . $25.83
For any Davies Craig electric fan listed here. Includes wiring harness, 12 volt relay, and all necessary mounting hardware.

Davies Craig 12 Volt Electric Booster Pump

Originally designed to supplement standard coolant pumps, **Davies Craig Electric Booster Pumps** have become popular for a wide range of water pumping applications where the smallest EWP80 would be overkill. They can replace the power-robbing mechanical water pump on motorcycle engines and shifter karts, boost flow to the heater core in your tow vehicle for better heating, or cool off a hot engine or turbo after shut-off. Inlet and outlet on all EBPs are sized to accept 3/4" ID hose.

EBP15 Electric Booster Pump Kit, 15 liters/min . . . . . Part No. DC9001 . . . . . $114.39
Recommended for karts and stock motorcycle engines to 500cc.

EBP23 Electric Booster Pump Kit, 23 liters/min . . . . . Part No. DC9050 . . . . . $130.63
Recommended for stock motorcycle engines to 1000cc or race engines to 600cc.

EBP25 Electric Booster Pump Kit, 25 liters/min (shown) . . . . Part No. DC9005 . . . . . $146.86
Recommended for stock motorcycle engines over 1000cc or race engines to 900cc.

EBP40 Electric Booster Pump Kit, 40 liters/min . . . . . Part No. DC9040 . . . . . $184.50
Recommended for motorcycle-engined P2 (CSR/DSR) cars.