

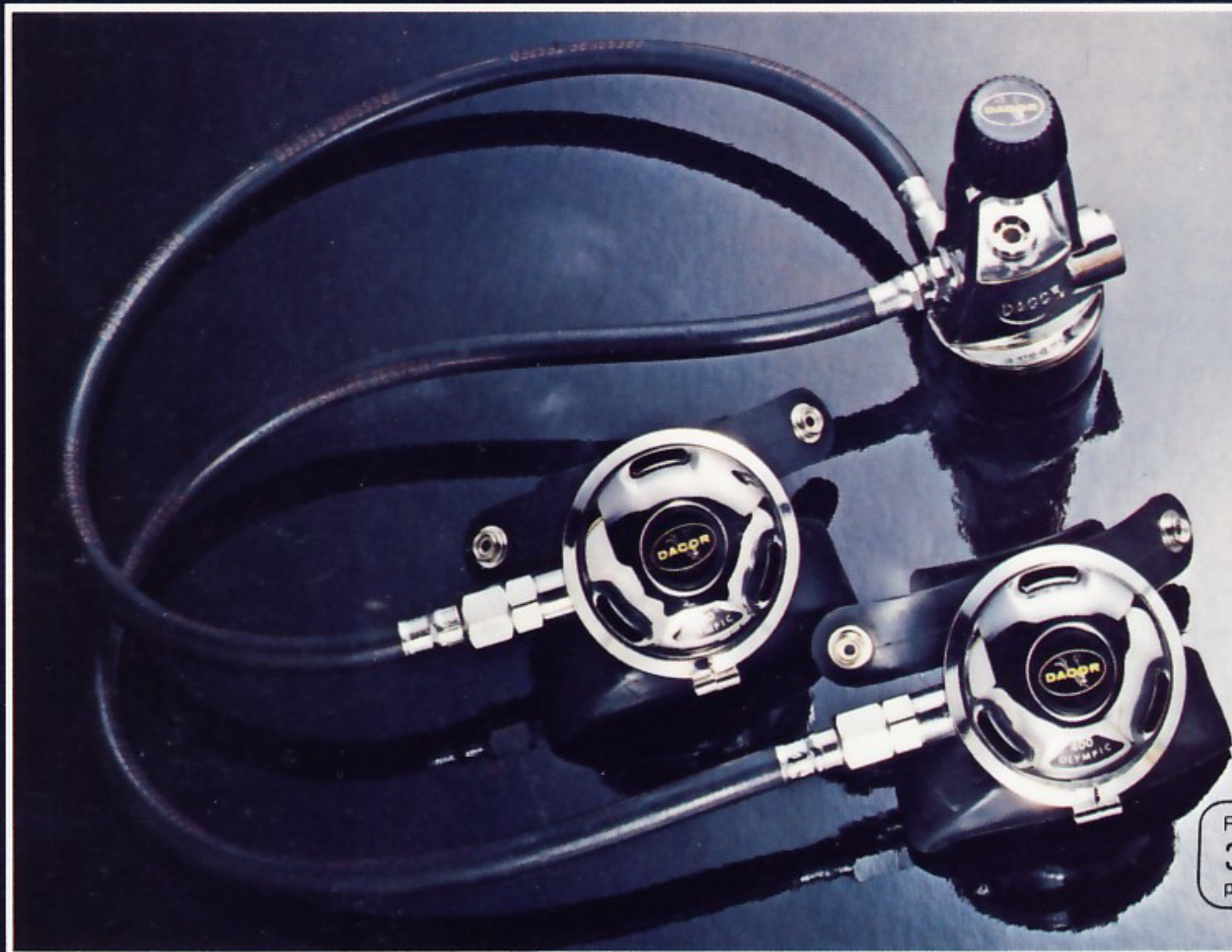
The
professional's
choice

Dive
Dacor
1974



DACOR

Olympic Octopus



This unit was developed by popular demand for the instructor and experienced diver who requires an additional second stage. Ideal for instruction, cave, wreck and commercial diving.

Model 200-2 — Olympic 200 regulator with additional second stage.

Model 400-2 — Olympic 400 regulator with additional second stage.

Model 800-2 — Olympic 800 regulator with additional second stage.

FOR USE WITH
3000
p.s.i. SYSTEM

Two Hose Regulator



FOR USE WITH
3000
p.s.i. SYSTEM

Model C-3N Two Stage Regulator

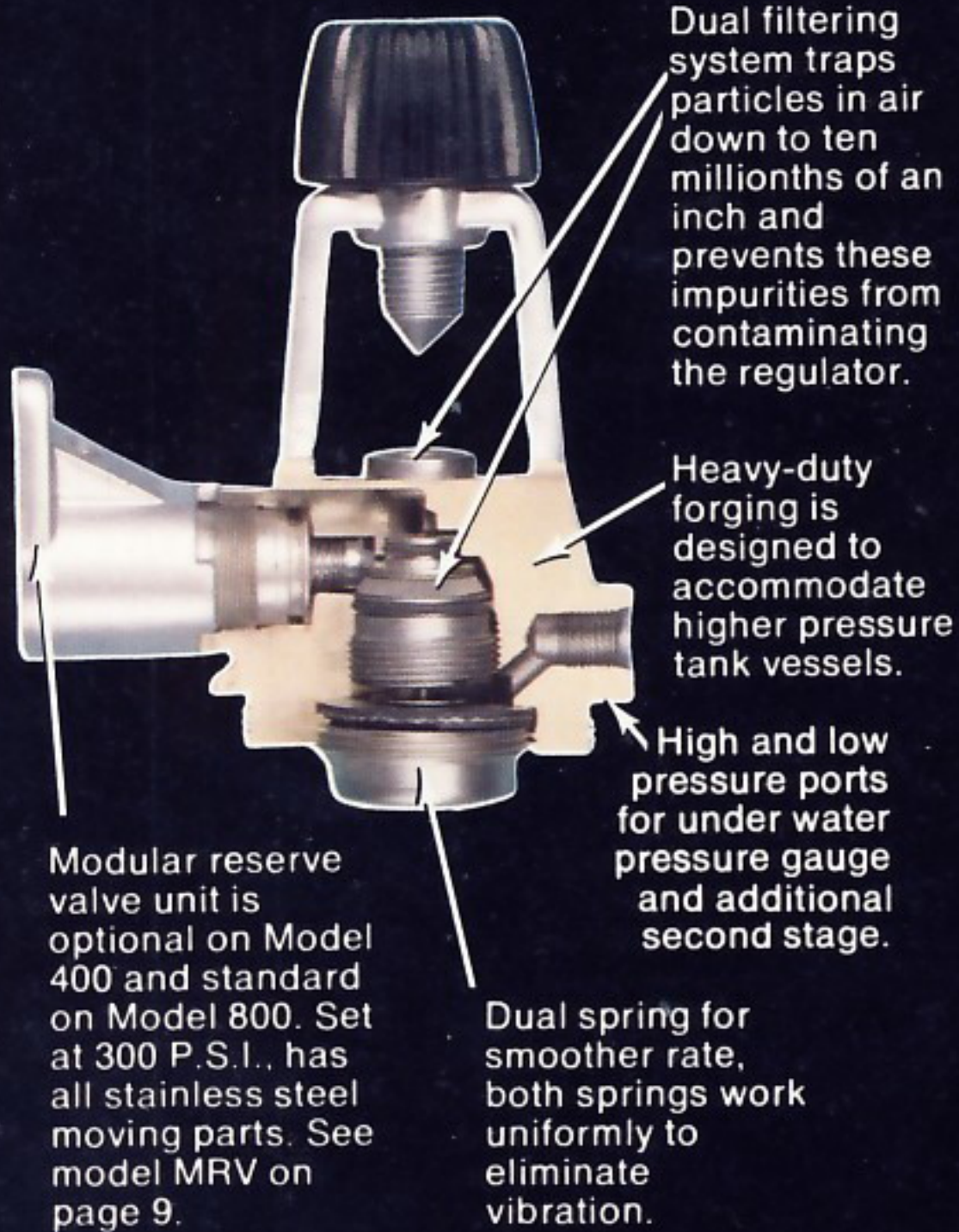
This professional's choice two stage regulator is capable of delivering over 30 cubic feet of air per minute to the diver. All brass parts are triple-plated chrome, highly polished for lasting beauty and protection. Longer length true spiral hoses for smooth air flow and water purge. Off-set mouthpiece for

comfort and convenience in long working dives. Internal mechanism has teflon coated high pressure seat, free-floating second stage seat, and low modulus diaphragms for low inhalation and exhalation effort. The ultimate for cold water enthusiasts and military and commercial divers.

Dacor Olympic Regulators

Balanced First Stage Models 400 and 800

Provides absolute minimum breathing effort and maximum air flow, regardless of tank pressure.



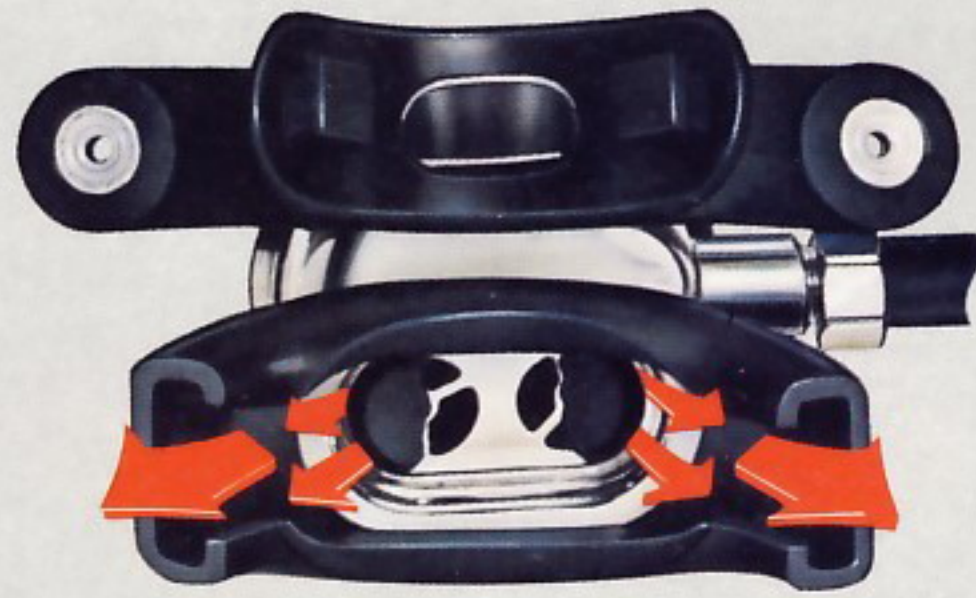
Dual filtering system traps particles in air down to ten millionths of an inch and prevents these impurities from contaminating the regulator.

Heavy-duty forging is designed to accommodate higher pressure tank vessels.

High and low pressure ports for under water pressure gauge and additional second stage.

Dual spring for smoother rate, both springs work uniformly to eliminate vibration.

Modular reserve valve unit is optional on Model 400 and standard on Model 800. Set at 300 P.S.I., has all stainless steel moving parts. See model MRV on page 9.



Unique Dual Exhaust Valve System

Dacor was the first manufacturer to recognize the importance of exhalation resistance as a major cause of divers' fatigue when we first introduced the Olympic line four years ago and featured our unique Dual Exhaust System (Patent Pending). This revolutionary system has been tested and proven to provide less effort in exhalation than any single exhaust valve system on the market today, regardless of size. In addition to easier exhaling, our dual system is 50% easier to purge.

The most advanced regulator system on the market today

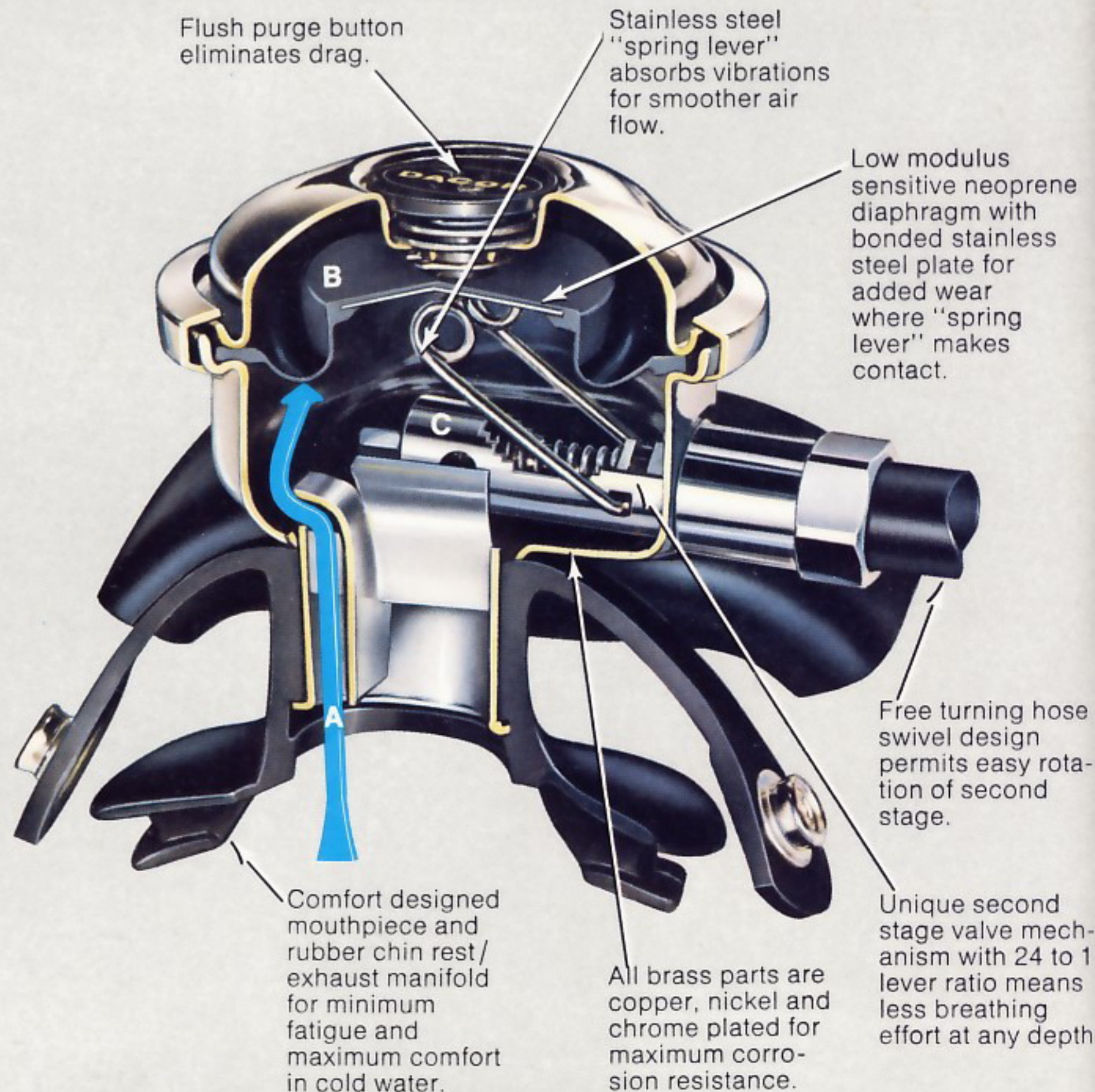
The acceptance and popularity of this most advanced concept in regulators has been overwhelming. Since we introduced the Olympics four years ago, they have been put to every performance test that would be experienced by any diver, and they have always come out on top. Dacor Olympics were tested by instructors and professionals all over the world. They were used under normal and extreme diving conditions in the Atlantic, Pacific, Mediterranean, Caribbean, Black Sea and fresh water lakes and springs in twenty countries. The reports were unanimous—Dacor did it again by developing the "best" in the most important piece of SCUBA equipment of all—the regulator.

Olympic Second Stage

with NEW anti-free flow device (Patent Pending) with 3 second shut-off—

Developed through extensive research by our engineering department, this unique system eliminates free flow when the regulator is removed from the mouth and the second stage is underwater. Free flow occurs in all easy breathing high volume regulators except the new Olympics with this device.

Here's how it works—Free flow is caused by a differential in pressure which opens the second stage valve that allows a steady stream of air to flow from the regulator. Our revolutionary Anti-Free Flow Device prevents this by permitting water to enter the chamber (A) thus raising the diaphragm (B) and shutting off the second stage valve (C). This function is automatic and in actual testing takes a maximum of 3 seconds, thus minimizing wasted air.



Flush purge button eliminates drag.

Stainless steel "spring lever" absorbs vibrations for smoother air flow.

Low modulus sensitive neoprene diaphragm with bonded stainless steel plate for added wear where "spring lever" makes contact.

Free turning hose swivel design permits easy rotation of second stage.

Unique second stage valve mechanism with 24 to 1 lever ratio means less breathing effort at any depth.

Comfort designed mouthpiece and rubber chin rest/exhaust manifold for minimum fatigue and maximum comfort in cold water.

All brass parts are copper, nickel and chrome plated for maximum corrosion resistance.

Dacor Olympic Regulators

Olympic Model 100

A high performance piston regulator designed for economy, without sacrificing reliability.

- Large piston first stage.
- Teflon seat and back-up rings for maximum sealing.
- High pressure port for underwater pressure gauge.
- Heavy brass chrome nickel plated body, yoke and yoke screw.
- Unique "Dual Exhaust" valve system for minimum exhalation resistance.
- New anti-free flow device with 3 second shut-off.



Olympic Models 400 and 800

These are the ultimate in quality and performance. The finest regulators on the market today. Check these features that make them the best:

- New anti-free flow device with 3 second shut-off.
- Balanced first stage for absolute minimum breathing effort and maximum air flow, regardless of tank pressure.
- Special double filtering system traps particles in the air down to ten millionths of an inch and prevents these impurities from contaminating the regulator.
- Dual spring design eliminates vibration.
- Unique "Dual Exhaust" valve system for minimum exhalation resistance.
- High pressure port for underwater pressure gauge.
- Second low pressure port for Octopus second stage, or other accessory.
- Heavy forged navy brass body is triple chrome plated.
- Special conversion—the Model 400 can be converted to a reserve valve unit by adding a modular reserve mechanism. (Model MRV)

Model 800 has all the fine features of the Model 400, but also includes the modular constant reserve system set at 300 p.s.i. with all stainless steel moving parts.

Olympic Model 400—
Olympic Model 800—

Olympic Model 200

This model features the revolutionary "Dual Exhaust" valve system and a machined first stage at a popular price.

- Specially designed first stage diaphragm for extremely fast response.
- Teflon coated high pressure seat for dynamic corrosion resistance and to reduce friction.
- Heavy chrome nickel plated body.
- Dual spring design eliminates vibration.
- High pressure port for underwater pressure gauge.
- Second low pressure port for Octopus second stage, or other accessory.
- New anti-free flow device with 3 second shut-off.



Model MRV Modular Constant Reserve System

For converting Model 400 into a reserve valve unit. Set at 300 p.s.i. with all stainless steel moving parts (not shown).

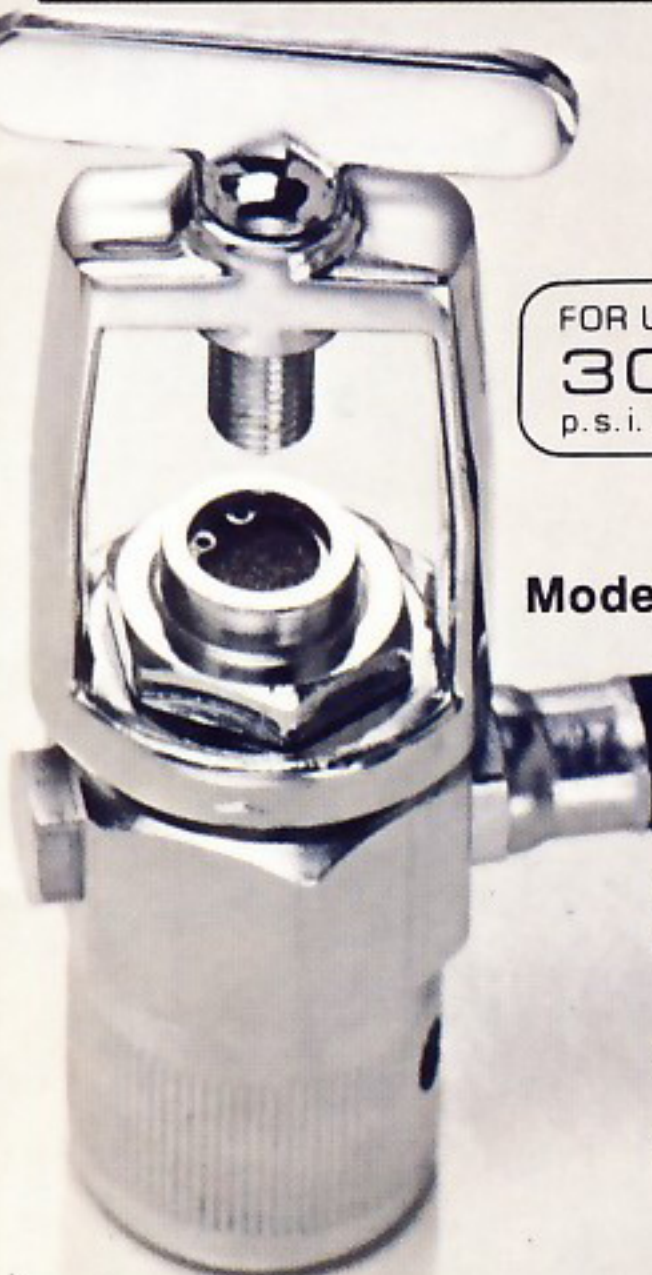
Model 2ST—Second Stage only with Hose

Use where an additional second stage is needed—instruction, cave, wreck and commercial diving. Can be used with Olympic 200, 400 and 800.



FOR USE WITH
3000
p.s.i. SYSTEM

Model 200



FOR USE WITH
3000
p.s.i. SYSTEM

Model 100

Only Dacor Olympic Regulators Have These Two Exclusive Features:

- Unique Dual Exhaust Valve System
- Anti-Free Flow Device

- Unique "Dual Exhaust" valve system offers 50% less exhalation resistance than single exhaust units. Tests prove that exhalation is more tiring than inhalation. "Dual Exhaust" valves also make it much easier to purge.
- Controlled Venturi for effortless intake at any depth.
- Comfort designed mouthpiece and chin rest to fit all face types.
- Exclusive design brass seat carrier and lever permanently lubricated for reduced friction and uniform air flow.
- Flush purge button.
- Free rotating hose swivel design permits easy rotation of second stage.



Dive Dacor



The professional's choice

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