

FEATURES & FUNCTIONS	EOS	DELTA 4	NEO	GT 3	ALPHA 8	ALPHA 8 SPORT	OCTO SWIV MAG	SLIMLINE 2	AIR XS 2
Valve Type	DEMAND	DEMAND	DEMAND	DEMAND	DEMAND	DEMAND	DEMAND	DEMAND	DEMAND
Adjustment	KNOB/PRE-DIVE SWITCH	KNOB/PRE-DIVE SWITCH	PRE-DIVE SWITCH	KNOB	N/A	N/A	N/A	N/A	N/A
Balancing System	PNEUMATIC	MECHANICAL	PNEUMATIC	MECHANICAL	N/A	N/A	N/A	N/A	N/A
Integrated Purge Button	YES	YES	YES	YES	YES	YES	YES	YES	YES
Mouthpiece	ORTHODONTIC W/TABS	ORTHODONTIC W/ TABS	ORTHODONTIC W/TABS	ORTHODONTIC	ORTHODONTIC	ORTHODONTIC	ORTHODONTIC	STANDARD	ORTHODONTIC
Nitrox Compatibility	STANDARD TO 40%	STANDARD TO 40%	STANDARD TO 40%	STANDARD TO 40%	STANDARD TO 40%	STANDARD TO 40%	STANDARD TO 40%	STANDARD TO 40%	STANDARD TO 40%
Ambidextrous	NO	NO	NO	NO	NO	NO	YES	NO	NO
Integrated Swivel	YES	NO	NO	NO	NO	NO	YES	NO	NO
Weight (without hose)	6.4 OUNCES	6.8 OUNCES	5.7 OUNCES	5.8 OUNCES	6.0 OUNCES	6.0 OUNCES	5.8 OUNCES	5.1 OUNCES	7.9 OUNCES
Dimensions (front profile)	2.65 INCHES	2.67 INCHES	2.65 INCHES	2.67 INCHES	2.9 INCHES	2.9 INCHES	3 INCHES	3.4 INCHES	3.9 INCHES
Minimum Cracking Effort	DIVER ADJUSTABLE	DIVER ADJUSTABLE	1.0 CIW	DIVER ADJUSTABLE	1.1 CIW	1.1 CIW	1.5 CIW	1.5 CIW	1.5 CIW
Factory Set Inhalation Effort	0.0 - 2.5 CIW	0.0 - 2.5 CIW	1.2 - 1.4 CIW	0.0 - 2.5 CIW	1.2 - 1.4 CIW	1.2 - 1.4 CIW	1.5 - 2.0 CIW	1.5 - 2.0 CIW	1.6 - 2.2 CIW
Work of Breathing	.86	.90	1.12	.98	1.23	1.43	2.17	2.76	2.86
First Stage	FDX-10 DVT	FDX-10 DVT	CDX-5 DVT	CDX-5 DVT	PX-3 DVT	SP-5	N/A	N/A	N/A
Limited Lifetime Free Parts Replacement Program	YES	YES	YES	YES	YES	YES	YES	YES	YES

PNEUMATICALLY BALANCED VALVE

The pneumatically balanced second stage reduces breathing resistance to near zero with a balanced valve seat designed to respond to the slightest inhalation.

A pneumatically balanced second stage actually has (or can have) the same initial crack opening effort as a mechanically balanced valve but the spring force of a pneumatically balanced second stage is lighter so it's spring rate is also lower. Therefore the force required to open the valve farther as flow increases is less than that required for a mechanically balanced second stage with a higher rate spring.

PATENTED DYNAMIC ADJUSTMENT

A common objection to adjustable second stages is that divers can't imagine themselves twisting and turning a knob as they descend and ascend through the depths. Oceanic's mechanically balanced valve with Dynamic Adjustment maintains your set breathing resistance throughout the dive.

A.V.S. (ADJUSTABLE VENTURI SWITCH) DIVE/PRE-DIVE SWITCH

The A.V.S. deflector vane either diverts airflow from the valve directly to the mouthpiece, producing effortless Venturi-assisted inhalation, or creates enough resistance to prevent free flow on the surface.

DIVER ADJUSTABLE INHALATION EFFORT

Most downstream demand valve regulators are calibrated during manufacturing to a single, 'middle of the road' operation. Whether finning up current at 100+ feet or merely snorkeling out to the dive site, this factory adjustment may not be optimal for the wide variety of demands we place on our equipment. A simple twist of the adjustment knob enables complete control. Set the inhalation requirement to near zero when you need ultimate performance, or tune it for greater resistance as conditions or preferences change.

STAINLESS STEEL INLINE SWIVEL

Ever notice that nearly every picture you see of a diver, their regulator looks like it's not the least bit comfortable? Select Oceanic models feature an ergonomically designed stainless steel (no plating) in-line swivel for ultimate comfort.

PATENTED ORTHODONTIC MOUTHPIECE

To further reduce jaw fatigue, Oceanic regulators feature a patented Orthodontic Mouthpiece, designed to accommodate the natural overbite of the human jaw. Select models also feature high-density bite tabs for increased comfort.

FEATURES & FUNCTIONS	FDX-10 DVT	CDX-5 DVT	PX-3 DVT	SP-5
Valve Type	BALANCED DIAPHRAGM	BALANCED DIAPHRAGM	BALANCED PISTON	UNBALANCED PISTON
Primary Material	FORGED MARINE BRASS	MARINE BRASS	MARINE BRASS	MARINE BRASS
Low Pressure Ports	4	4	5	4
High Pressure Ports	2	2	2	1
DVT (Dry Valve Technology)	YES	YES	YES	OPTIONAL
Nitrox Compatibility	STANDARD TO 40%	STANDARD TO 40%	STANDARD TO 40%	STANDARD TO 40%
DIN Fitting	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL
Environmental Protection	YES	YES	NO	NO
Weight	28 OUNCES	29 OUNCES	29 OUNCES	26 OUNCES
Factory Set Intermediate Pressure Range	138-142 PSI	138-142 PSI	140-145 PSI	140-145 PSI
Pressure Drop	9 PSI	20.1 PSI	19.5 PSI	13 PSI
Limited Lifetime Free Parts Replacement Program	YES	YES	YES	YES

OVER-BALANCED DIAPHRAGM FIRST STAGE.

An over-balanced first stage provides progressively greater intermediate pressure as depth and gas density increases. The result is superior gas delivery under the most extreme conditions.

FORGED FIRST STAGE BODY

Formed under heat and pressure in precise closed dies produces superior dimensional accuracy that is repeatable, part to part and lot to lot. The Forged process provides more design flexibility than traditional machining processes – ultimately, in the case of the FDX-10, giving us better control over the path of air through the first stage and porting (hose angles) for superior performance and comfort.

DVT (DRY VALVE TECHNOLOGY)

DVT is a revolutionary regulator technology designed to automatically eliminate moisture and contaminants from entering your first stage, even if the dust cap is accidentally left off between dives or during rinsing. DVT eliminates corrosion of critical internal components, bacteria, hose deterioration, and damaged gauges and computers, preventing costly repairs and extending the life and performance of your most important piece of gear.

WORK OF BREATHING

The amount of energy your regulator requires to move each liter of air is called work of breathing (WOB). Lower Work of Breathing equals lower effort required to breathe and increased comfort and safety during a dive.

ENVIRO PROTECTION KIT

Oceanic's Balanced Diaphragm First Stages feature a unique dry Enviro Protection Kit which completely seals all internal components from the harsh environment. This helps prevent internal corrosion and contaminant buildup, leading to more consistent performance between service intervals.

PARTS REPLACEMENT PROGRAM

This program provides free standard replacement parts for your Oceanic regulator. The program includes all Oceanic first stages and second stages. Register your regulator online with OCEANIC, and you are automatically enrolled in the program. There is no additional charge for this program.