

REGULATOR

LEGEND LX & LEGEND LX SUPREME

LEGEND TWILIGHT, LEGEND LUX



RELEASE DATE: LEGEND LX (& SUPREME VERSION), LEGEND LUX: JANUARY 2012 – LEGEND TWILIGHT: JANUARY 2013

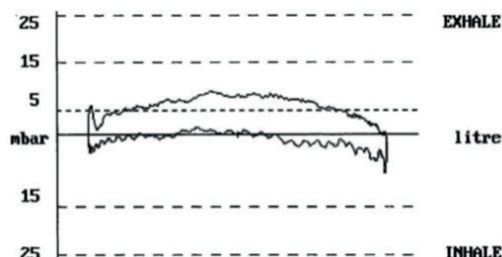


Supreme version



Breathing Performance

Optimal breathing work $W = 0.70$ J/Litre, with a 62.5 l/min (2.21 cubic feet/min) breathing cycle, at a depth of 50 m (164 ft) and with 50 bar working pressure.



FEATURES

1st stage

1 st stage technology	Diaphragm, over-balanced
Mechanism	T-shaped
Wet/dry chamber	Wet chamber Legend version and on Legend Supreme version
Maximum working pressure	300 bar on DIN version 232 bar on yoke version
ACD system	Yes
Number of HP ports	2 (7/16" UNF)
Number of MP ports	4 (3/8" UNF)
Average pressure	8,5 bar \pm 0,5 bar on Legend version and on Legend Supreme version
Airflow (surface, hose)	1500 l/min (53,0 cubic feet/min) with HP = 200 bar
Body	Legend LX : Brass with multi-layer chrome Legend LX Supreme: satin finish Legend LUX: Black PVD brass
Protector	Rubber
Insert seat, spring	Stainless steel
Conical filter	Nickel-plated bronze
O-Rings	EPDM

2nd stage

2 nd stage technology	Balanced
Mechanism	Downstream valve
Cracking effort	2,5 à 3,5 mbar in Legend LX version 3.3 to 4.3 mbar in Legend Supreme version
MBS patented adjustment	Yes
Housing, exhaust diffuser	ABS-PC
Cover	Rubber overmoulded PC
Mouthpiece, exhaust valve, diaphragm, valve, lip shield (Supreme version)	Silicone
Adjustable seat	Nickel-plated bronze

Weight

	In grams	In pounds
Yoke	1230	2,71
DIN	1010	2,23
HP Yoke	885	1,95
HP DIN	665	1,47
LP	210	0,46
Yoke Supreme	1240	2,73
DIN Supreme	1015	2,24
HP Yoke Supreme	890	1,96
HP DIN Supreme	665	1,47
LP Supreme	220	0,48

Hose

Braided hose
Length: black = 730 mm (2,39 ft)

Certification

Certification EN250A for water > 10°C (50°F)
(version Legend LX)

Certification EN250A for cold water (< 10°C (50°F))
(version Legend LX Supreme)

Nitrox Compatibility

40 % O₂ max. on yoke ou DIN version outside EU

Contents

Regulator box	Legend LX + instructions
Twilight Regulator box	Legend Twilight + instructions + Women regulator bag
LUX Regulator box	Legend LUX + instructions + Legend LUX regulator bag
Regulator pack box	Legend LX + Octopus + instructions

Packaging

	In centimetres (l x h x p)	In inches (l x h x p)
Regulator box	35 x 9,5 x 18	13,8 x 3,5 x 7,1
Regulator pack box	35 x 11 x 23,5	13,8 x 4,3 x 9,0

PRODUCT BENEFITS

1st stage

ACD

Patented ACD system protects the regulator inner mechanism from the ingress of water and particles

Dry Chamber

- Enables over-balancing
- Helps withstand icing
- Keeps internal components clean and dry

DIN and yoke handwheel

Triangular and bi-material with «Soft Grip» surface for better grip on assembly and disassembly.

Yoke handwheel open

Avoids water retention.

Anti-dust cap adjoining regulator body

Protects the connection and the ACD system against impacts. Valid for both the DIN and yoke versions.

MP and HP ports

MP and HP ports perfectly positioned enabling ideal orientation of the hoses.

Aqua Flex braided hose (with two protectors)

- Flexible and light, only 135g (0.3lb)
- Enhances mouth comfort
- Makes storage easier

2nd stage

Comfobite mouthpiece

Mouthpiece with bridge that fits across the upper palate (patented system): reduces jaw fatigue.

Special women's comfobite mouthpiece

(for Legend Twilight and Legend Twilight Supreme)
Small mouthpiece with bridge that fits across the upper palate (patented system): reduces jaw fatigue.

Removable and reusable collar

Mouthpieces can be changed quickly without any tools required.

Overmoulded cover

- Controls the regulator purging through the firm stop of the movement of the cover
- Easy purging of the regulator thanks to the wide surface
- Smart look thanks to the bright polycarbonate

Radial vents enabling water to flow on the diaphragm

Prevents continuous flow when diving in currents

Whiskers

Exhaust diffuser oriented to ensure optimal visibility in swimming position and canalisation of expired gas.

Exhaust diffuser in the mouthpiece tube

- Channels airflow evenly in the mouthpiece while breathing in
- Two-material exhaust diffuser reduces its thickness and reduces exhaling effort

Closing system

- Enables constraints in the housing to be eliminated (no threading or tightening)
- Enables the cover to be indexed

Heat exchanger

Allows to evacuate the frigories created by the air release (patented system).

MBS (Master Breathing System)

2 functions in 1: adjustment button combined with sensitivity and Venturi effect to master breathing effort. Quick adjustment by turning the knob just once. Made with two materials. Soft surface makes gripping easier.

Legend LUX version

Black and pink gold PVD treatment on the metal parts. This treatment increases abrasion resistance

PRODUCT REFERENCES, ACCESSORIES & KITS

Legend LX ACD	129620	EAN	3661666049924	HP Legend LX Supreme ACD DIN	129755	EAN	3661666071130
		UPC	846713017719			UPC	846713034976
Legend LX ACD DIN	129630	EAN	3661666049931	Legend LX LP	129655	EAN	3661666050043
		UPC	846713017733			UPC	846713017764
Legend LX Supreme ACD	129680	EAN	3661666049962	Legend LX Supreme LP	129675	EAN	3661666050067
		UPC	846713017818			UPC	846713017801
Legend LX Supreme ACD DIN	129690	EAN	3661666049979	Aqua Flex 3/8" MP 0.70m black hose with 2 protectors	129807	EAN	3661666149747
		UPC	846713017825			UPC	888183000037
Legend LX ACD Twilight	129770	EAN	3661666103541	Over-balanced diaphragm maintenance kit	128017	EAN	3661666345040
		UPC	846713064379			UPC	888183197980
Legend LX Supreme ACD DIN Twilight	129780	EAN	3661666103558	Balanced LP maintenance kit	128019	EAN	3661666345064
		UPC	846713064386			UPC	888183198000
Legend LUX ACD	129640	EAN	3661666051910	Post-2012 yoke/DIN Legend 2 ACD conversion kit	129021	EAN	3661666107280
		UPC	846713018549			UPC	846713065390
Legend LUX Supreme ACD DIN	129710	EAN	3661666051941	Pre-2012 yoke/DIN Legend 2 conversion kit	129803	EAN	3661666072816
		UPC	846713018570			UPC	846713035294
Legend LX ACD HP	129635	EAN	3661666050012	Yoke/DIN 300B Legend conversion kit	129015	EAN	3661666008303
		UPC	846713017740			UPC	846713034907
Legend LX Supreme ACD HP	129645	EAN	3661666050029	Pre-2012 Legend/Legend ACD conversion kit	129226	EAN	3661666008280
		UPC	846713017757				
Legend LX Supreme ACD HP	129745	EAN	3661666071123	Pre-2012 Legend DIN/ Legend ACD DIN conversion kit	129227	EAN	3661666008297
		UPC	846713034952				