

2014 LEHR PROPANE OUTBOARD PRODUCT INFORMATION GUIDE

2.5 HP Propane Outboard

SPECIFICATIONS

Models	LP2.5S
Engine Type	Propane Powered 4 Stroke OHV
Horsepower Rating	2.5 hp (1.8 kW)
Displacement	4.39 cu in / 72 cc
Bore X Stroke	2.12" X 1.37" / 54mm X 31.5mm
Cylinders	1
Full Throttle RPM Range	4500 - 5500 RPM
Ignition System	CDI Ignition
Starting System	Manual
Fuel	Propane (110 Octane)
Carburetion	No Choke / No Priming
Lubrication	Wet Sump
Control System	Tiller Handle
Exhaust System	Above Propeller
Cooling System	Water / Thermostatic Control
Trim Positions	5
Gear Shift	F - N
Gear Ratio	2.08
Shaft Length	15" (S)
Standard Prop	7.25" X 6" 3 Blade Aluminum
Weight	LP2.5 S 37.4 lbs / 16.96 kg
Fuel Tank Type	
On Board	Twist 'n Go 16.4 oz Propane Canister
Remote(Optional)	11 lbs & 17 lbs Composite Tanks
Recommended Oil	4 Stroke 10W-30
Engine Oil Capacity	0.37 US qt (0.35L)
Warranty	3 Year Limited Warranty
C.A.R.B. Rating	3 Star Ultra Low

FEATURES & BENEFITS

- > Propane Power 4 Stroke Engine Design - *clean, efficient, eco friendly propane power.*
- > Twist 'n Go Fueling - *simply twist in a standard 16.4oz "camping" propane canister and go. Easy, no mess or spilling gas into the water while refueling.*
- > Remote Fuel Tank Capability - *for increased range add a remote 5 gal "BBQ" tank. Lehr also offers 2 sizes of lightweight composite auxiliary tanks .*
- > F-N Gear Shift with 180° Steering and 360° Turning Radius - *more reverse thrust & easy maneuverability*
- > Tiller Handle with Twist Grip Throttle - *precise throttle control and steering.*
- > Throttle Friction Adjustment - *minimizes driver fatigue.*
- > Steering Friction Adjustment - *adjust steering tension to set and maintain direction.*
- > Auto Reverse Lock - *user friendly & safety*
- > Easy Starting - *features automatic decompression, with no choking or priming.*
- > Lightweight Compact Design with a convenient Rear Mounted Carrying Handle - *easy handling.*
- > Stainless Steel Drive, Shift & Prop Shafts - *user friendly maintenance and corrosion protection*
- > Emergency Stop Lanyard - *user safety.*
- > Oil Level Sight Glass - *user friendly*

PRICING		
LP2.5S	MSRP	\$1,259.99
	MAP	\$1,049.99

5.0 HP Propane Outboard

SPECIFICATIONS

Models	LP5.0S LP5.0L
Engine Type	Propane Powered 4 Stroke OHV
Horsepower Rating	5.0 hp (3.6 kW)
Displacement	6.83 cu in / 112 cc
Bore X Stroke	2.32" X 1.61" / 59 mm X 41 mm
Cylinders	1
Full Throttle RPM Range	4500 - 5500 RPM
Ignition System	CDI Ignition
Starting System	Manual
Fuel	Propane (110 Octane)
Carburetion	No Choke / No Priming
Lubrication	Wet Sump
Control System	Tiller Handle
Exhaust System	Above Propeller
Cooling System	Water / Thermostatic Control
Trim Positions	5
Gear Shift	F - N - R
Gear Ratio	2.08
Shaft Length	15" (S) 20" (L)
Standard Prop	7.5" X 7" 3 Blade Aluminum
Weight	LP5.0S 48 lbs / 21.8 kg LP5.0L 52 lbs / 23.6 kg
Fuel Tank Type	
On Board	Twist 'n Go 16.4 oz Propane Canister
Remote (Optional)	11 & 17 lbs Composite Tanks
Recommended Oil	4 Stroke 10W-30
Engine Oil Capacity	0.53 US qt (0.5L)
Warranty	3 Year Limited Warranty
C.A.R.B. Rating	3 Star Ultra Low

FEATURES & BENEFITS

- > Propane Power 4 Stroke Engine Design - *clean, efficient, eco friendly propane power.*
- > Twist 'n Go Fueling - *simply twist in a standard 16.4oz "camping" propane canister and go. Easy, no mess or spilling gas into the water while refueling.*
- > Remote Fuel Tank Capability - *for increased range add a remote 5 gal "BBQ" tank. Lehr also offers 2 sizes of lightweight composite auxiliary tanks .*
- > F-N-R Gear Shift with 360° Turning Radius - *more reverse thrust & easy maneuverability*
- > Shallow Water Drive - *ability to run in shallow water*
- > Tiller Handle with Twist Grip Throttle - *precise throttle control and steering.*
- > Throttle Friction Adjustment - *minimizes driver fatigue.*
- > Steering Friction Adjustment - *adjust steering tension to set and maintain direction.*
- > Auto Reverse Lock - *user friendly & safety*
- > Easy Starting - *features automatic decompression, with no choking or priming.*
- > Lightweight Compact Design with a convenient Rear Mounted Carrying Handle - *easy handling.*
- > Stainless Steel Drive, Shift & Prop Shafts - *user friendly maintenance and corrosion protection*
- > Emergency Stop Lanyard - *user safety.*

PRICING		
LP5.0S	MSRP	\$2,039.99
	MAP	\$1,699.99
LP5.0L	MSRP	\$2,075.99
	MAP	\$1,729.99

9.9 HP Propane Outboard

SPECIFICATIONS

Models	LP9.9S (Manual Start, Tiller) LP9.9L (Manual Start, Tiller) LP9.9ES (Electric Start, Tiller) LP9.9ES-IB (Electric Start, Tiller) LP9.9EL (Electric Start, Tiller) LP9.9EL-IB (Electric Start, Tiller) LP5.0ERS (Electric Start, Remote) LP9.9ERL (Electric Start, Remote)
Engine Type	Propane Powered 4 Stroke SOHC
Horsepower Rating	9.9 hp (7.2 kW)
Displacement	12.94 cu in / 212 cc
Bore X Stroke	2.29" X 1.69" / 56 mm X 43 mm
Cylinders	2
Full Throttle RPM Range	4500 - 5500 RPM
Ignition System	CDI Ignition
Starting System	Manual or Electric (E)
Fuel	Propane (110 Octane)
Carburetion	No Choke / No Priming
Lubrication	Wet Sump / Pressure Lubricated
Control System	Tiller Handle or Remote
Exhaust System	Through Prop
Cooling System	Water / Thermostatic Control
Trim Positions	5
Gear Shift	F - N - R
Gear Ratio	2.08
Alternator Output	6 amp / 80 watt - Electric 6 amp / 80 watt – Manual (Manual requires optional regulator)
Shaft Length	15" (S) 20" (L)
Standard Prop	8" X 8.5" 3 Blade Aluminum
Weight	LP9.9S 88 lbs / 39.8 kg LP9.9L 92 lbs / 41.7 kg LP9.9ES 98 lbs / 44.5 kg LP9.9ES-IB 100 lbs / 45.4 kg LP9.9EL 102 lbs / 46.3 kg LP9.9EL-IB 104 lbs / 47.2 kg LP9.9ERS 96 lbs / 43.5 kg LP9.9ERL 100 lbs / 45.4 kg
Fuel Tank Type	
Remote (Optional)	11 & 17 lbs Composite Tanks 31 lbs Liquid Draw Composite Tanks
Recommended Oil	4 Stroke 10W-30
Engine Oil Capacity	0.85 US qt (0.8L)
Warranty	3 Year Limited Warranty
C.A.R.B. Rating	3 Star Ultra Low

FEATURES & BENEFITS

- > Propane Power 4 Stroke Engine Design - *clean, efficient, eco friendly propane power.*
- > Remote Fuel Tank Capability - *Lehr also offers 3 sizes of lightweight composite auxiliary tanks .*
- > Lightweight Compact Design with a Convenient Carrying Handles - *easy handling.*
- > Forward Mounted Gear Shift – *convenient location*
- > Electric Start Models – *easy fingertip starting*
- > New Internal Battery Electric Start Tiller Models - *See separate page for all the features & benefits*
- > F-N-R Gear Shift - *easy maneuverability*
- > Tiller Handle with Twist Grip Throttle - *precise throttle control and steering.*
- > Throttle Friction Adjustment - *minimizes driver fatigue.*
- > Steering Friction Adjustment - *adjust steering tension to set and maintain direction.*
- > Shallow Water Drive - *ability to run in shallow water*
- > Stainless Steel Drive, Shift & Prop Shafts - *user friendly maintenance and corrosion protection*
- > Low Oil Pressure Warning System – *alerts operator By providing visual warning*

PRICING		
Model	MSRP	MAP
LP9.9S	\$3,119.99	\$2,599.99
LP9.9L	\$3,155.99	\$2,629.99
LP9.9ES	\$3,599.99	\$2,999.99
LP9.9ES-IB	\$3,959.99	\$3,299.99
LP9.9EL	\$3,635.99	\$3,029.99
LP9.9EL-IB	\$3,995.99	\$3,329.99
LP9.9ERS #	\$3,563.99	\$2,969.99
LP9.9ERL #	\$3,599.99	\$2,999.99
NOTE (#) - Remote Control is priced seperately		

15 HP Propane Outboard

SPECIFICATIONS

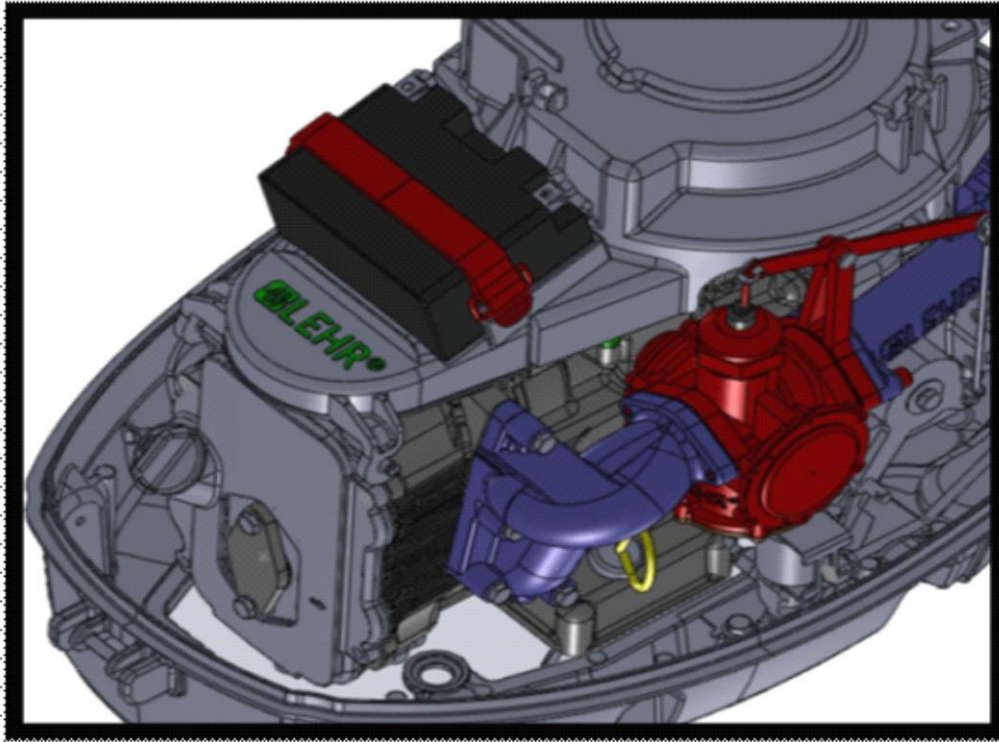
Models	LP15S (Manual Start, Tiller) LP15L (Manual Start, Tiller) LP15ES (Electric Start, Tiller) LP15ES-IB (Electric Start, Tiller) LP15EL (Electric Start, Tiller) LP15EL-IB (Electric Start, Tiller) LP15ERS (Electric Start, Remote) LP15ERL (Electric Start, Remote)
Engine Type	Propane Powered 4 Stroke SOHC
Horsepower Rating	15 hp (11 kW)
Displacement	19.7 cu in / 323 cc
Bore X Stroke	2.32" X 2.32" / 59 mm X 59 mm
Cylinders	2
Full Throttle RPM Range	4500 - 5500 RPM
Ignition System	CDI Ignition
Starting System	Manual or Electric (E)
Fuel	Propane (110 Octane)
Carburetion	No Choke / No Priming
Lubrication	Wet Sump / Pressure Lubricated
Control System	Tiller Handle or Remote
Exhaust System	Through Prop
Cooling System	Water / Thermostatic Control
Trim Positions	5
Gear Shift	F - N - R
Gear Ratio	2.08
Alternator Output	6 amp / 80 watt - Electric 6 amp / 80 watt – Manual (Manual requires optional regulator)
Shaft Length	15" (S) 20" (L)
Standard Prop	9.5" X 11" 3 Blade Aluminum
Weight	LP15S 110 lbs / 49.9 kg LP15L 114 lbs / 52.0 kg LP15ES 120 lbs / 54.4 kg LP15ES-IB 122 lbs / 55.3 kg LP15EL 124 lbs / 56.2 kg LP15EL-IB 126 lbs / 57.2 kg LP15ERS 118 lbs / 53.5 kg LP15ERL 122 lbs / 55.3 kg
Fuel Tank Type	31 lbs Liquid Draw Composite Tanks
Recommended Oil	4 Stroke 10W-30
Engine Oil Capacity	1.06 US qt. (1.0L)
Warranty	3 Year Limited Warranty
C.A.R.B. Rating	3 Star Ultra Low

FEATURES & BENEFITS

- > Propane Power 4 Stroke Engine Design - *clean, efficient, eco friendly propane power.*
- > Remote Fuel Tank Capability - *Lehr also offers 3 sizes of lightweight composite auxiliary tanks .*
- > Lightweight Compact Design with a Convenient Carrying Handles - *easy handling.*
- > Forward Mounted Gear Shift – *convenient location*
- > Electric Start Models – *easy fingertip starting*
- > New Internal Battery Electric Start Tiller Models - *See separate page for all the features & benefits*
- > F-N-R Gear Shift - *easy maneuverability*
- > Tiller Handle with Twist Grip Throttle - *precise throttle control and steering.*
- > Throttle Friction Adjustment - *minimizes driver fatigue.*
- > Steering Friction Adjustment - *adjust steering tension to set and maintain direction.*
- > Shallow Water Drive - *ability to run in shallow water*
- > Stainless Steel Drive, Shift & Prop Shafts - *user friendly maintenance and corrosion protection*
- > Low Oil Pressure Warning System – *alerts operator By providing visual warning*

PRICING		
Model	MSRP	MAP
LP15S	\$3,515.99	\$2,929.99
LP15L	\$3,551.99	\$2,959.99
LP15ES	\$3,995.99	\$3,329.99
LP15ES-IB	\$4,355.99	\$3,629.99
LP15EL	\$4,031.99	\$3,359.99
LP15EL-IB	\$4,391.99	\$3,659.99
LP15ERS #	\$3,959.99	\$3,299.99
LP15ERL#	\$3,995.99	\$3,329.99
NOTE (#) - Remote Control is priced seperately		

NEW FOR 2014 THE WORLD'S FIRST ELECTRIC START PORTABLE OUTBOARD MOTOR WITH A SELF ENCLOSED INTERNAL BATTERY FOR STARTING YOUR ENGINE



- Your portable outboard remains portable. No rigging or clutter in your boat.
- Weighs less than 2 pounds making it 70% to 80% lighter than a traditional lead acid battery.
- Lithium Iron batteries are able to hold an unloaded charge for an entire year without compromising service life.
- Life span is up to twice as long as a lead acid battery
- Dry & Sealed – No maintenance or hazardous materials to worry about.
- Extremely low discharge rate making it an ideal choice for seasonal use.
- Recharges while you are running your engine.
- Three Year Warranty

Available in 4 models

LP9.9ES-IB	(15" Shaft Length, Electric Start, Internal Battery, Tiller)
LP9.9EL-IB	(20" Shaft Length, Electric Start, Internal Battery, Tiller)
LP15ES-IB	(15" Shaft Length, Electric Start, Internal Battery, Tiller)
LP15EL-IB	(20" Shaft Length, Electric Start, Internal Battery, Tiller)

LEHR PROPANE POWERED OUTBOARD FUEL CONSUMPTION TESTS

NOTE: All times are approximate and may vary based on the size and type of boat, wind, current and other factors.

ENGINE MODEL	Gallons per Hour	16.4oz Camping Bottle	11 lb (2.6 gallon) Composite Tank	17 lb (4.0 gallon) Composite Tank	20 lb (5 gallon) Standard Tank	31 lb (7.5 gallon) Liquid Draw Composite Tank
LP2.5 @5000 RPM @3000 RPM	.24 gal/hr .10 gal/hr	1 HR 2.5 HRS	11 HRS 26 HRS	17 HRS 40 HRS	20 HRS 48 HRS	N/A N/A
LP5.0 @5000 RPM @3000 RPM	.50 gal/hr .22 gal/hr	30 mins 1.4 HRS	5 HRS 12 HRS	8 HRS 18 HRS	10 HRS 22 HRS	N/A N/A
LP9.9 @5000 RPM @3000 RPM	1 gal/hr .44 gal/hr	N/A N/A	2.5 HRS 6 HRS	4 HRS 9 HRS	5 HRS 11.4 HRS	7.5 HRS 17 HRS
LP15 @5000 RPM @3000 RPM	1.5 gal/hr .66 gal/hr	N/A N/A	N/A N/A	N/A N/A	N/A N/A	5 HRS 11.4 HRS

Note: Propane weighs 4.2 lbs per gallon

PROPANE ADVANTAGES

POWERFUL

4-STROKE ENGINE
110 OCTANE FUEL
MORE EFFICIENT THAN 87 OCTANE GAS
MORE COST EFFECTIVE THAN GASOLINE
NO DEPENDENCE ON HIGH PRICED FOREIGN OIL
USA IS A PROPANE EXPORTER

ECO FRIENDLY

ZERO EVAPORATIVE EMISSIONS
PROPANE IS NOT A MARINE POLLUTANT

EASY START

NO CHOKE
NO PRIMING
NO CARBURETOR GUM-UP
NO WINTERIZATION

ECONOMICAL

MORE COST EFFECTIVE TO USE & MAINTAIN

MULTIPLE FUELING OPTIONS

TWIST 'N GO 16.4oz PROPANE CANISTER
OPTIONAL REMOTE LIGHTWEIGHT
COMPOSITE PROPANE TANKS

EASY TO TRANSPORT

LIGHTWEIGHT
NO LEAKING OF FUEL

NO WORRIES ABOUT FUEL QUALITY

NO ETHANOL ISSUES OR STORAGE ISSUES