

Pursuant to the authority vested in California Air Resources Board by Health and Safety Code Sections 43013, 43018, 43101, 43102 and 43104; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-14-012;

IT IS ORDERED AND RESOLVED: That the following new spark-ignition marine watercraft produced by the manufacturer is certified as described below. Production watercraft shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	EVAPORATIVE FAMILY	WATERCRAFT TYPE	WATERCRAFT LENGTH
2020	LFMLPVSSLPR1	Outboard	Trailerable (≤26ft)
ENGINE POWER RATING	EVAPORATIVE EMISSIONS CONTROL SYSTEM		
Greater than 30kW	Pressure Relief Valves, Plastic Tank		
WATERCRAFT MODEL INFORMATION	See Attachment		

The following are the evaporative emission standards (Title 13, California Code of Regulations, 13 CCR Section 2854 or 2855, as applicable), for this evaporative family and the respective component Executive Order.

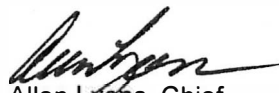
*=not applicable	DESIGN BASED		
FUEL HOSE PERMEATION (grams/m ² /day ROG)		FUEL TANK PERMEATION (grams/m ² /day ROG)	
STANDARD	EXECUTIVE ORDER	STANDARD	EXECUTIVE ORDER
10.0	RM-17-008, RM-17-018	0.7	RM-17-002, RM-17-012, RM-17-012A
DIURNAL STANDARD			
CANISTER		NON-CANISTER	
PERFORMANCE STANDARD (grams/gallon/day HC)	EXECUTIVE ORDER	GENERAL STANDARD	EXECUTIVE ORDER
0.25	*	65 percent reduction from uncontrolled HC emissions	RM-18-001

BE IT FURTHER RESOLVED: That for the listed watercraft, the manufacturer has submitted, and the Executive Officer hereby approves, the information and materials to demonstrate certification compliance with 13 CCR Section 2859 (labeling) and 13 CCR Sections 2860, 2861, and 2862 (emission control system warranty).

Watercraft certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the evaporative family and model-year listed above. Watercraft in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this 5th day of June 2019.



Allen Lyons, Chief
 Emissions Compliance, Automotive Regulations and Science Division

Attachment

U-W-056-0007

Evaporative Family Name: LFMLPVSSLPR1

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MODEL SUMMARY

D10. Marine Watercraft or Boat Model	D11. Sales Codes		D12. Fuel Tank Nominal Vol. (Gallons)	D13. Fuel Tank Material	D14. Fuel Line Type	D15. Fuel Tank Executive Order	D16. Fuel Line Executive Order	D17. Carbon Canister/Venting System Executive Order	D18. Meets Canister Fuel Tank Volume Reqs?	D19. Auxiliary Engine Installed*
	CA Only	50-State								
C24		X	118	XLPE	A1-10	RM-17-002 RM-17-012 RM-17-012A	RM-17-018 RM-17-008	RM-18-001	N/A	Optional
R23		X	75	XLPE	A1-10	RM-17-002 RM-17-012 RM-17-012A	RM-17-018 RM-17-008	RM-18-001	N/A	Optional
R25		X	108	XLPE	A1-10	RM-17-002 RM-17-012 RM-17-012A	RM-17-018 RM-17-008	RM-18-001	N/A	Optional

*D19a. If the watercraft's fuel system is designed to support an auxiliary engine, describe fuel system for any auxiliary engines and how the requirements in section 2854 or 2855 were met.

Both Models support optional gas generator and auxiliary kicker motor. Generators pull fuel from same fuel tank (second pickup) as main engine using the same fuel line executive order listed for main engine for fuel supply hose. Auxiliary kicker motor pulls fuel from second fitting on main engine fuel filter using the same fuel line executive order list as main engine for supply hose.

**DESIGN-BASED CERTIFICATION APPLICATION
(APPLICABLE TO 2018 MY & LATER WATERCRAFT)**

0.001

DS: 05-03-19

DLS: 05-03-19

5/1/2019
Chief, Emissions Compliance, Automotive Regulations and Science Division
Air Resources Board
9480 Telstar Avenue, Suite 4
El Monte, California 91731

Evaporative Family Name: LFMLPVSSLPR1 Application Type: New Running Change
 Field Fix

Fluid Motion LLC hereby submits the certification application and makes the following statements of compliance regarding the 2020 model year certification of its spark-ignition marine watercraft.

- 1) Conformance with the general standards and requirements as required in Title 13, Chapter 15, Article 4, Sections 2850-2869 of the California Code of Regulations.
- 2) Conformance with the applicable fuel system requirements as required in 13 CCR, Section 2855(b), (including Deck Fill Plate Compatibility Standard, California Fuel Compatibility Standard, and Primer Bulb Requirements)
- 3) Conformance with the labeling and warranty requirements as required in 13 CCR, Sections 2859, 2860, 2861, and 2862.
- 4) Conformance with the fuel injection definition or equivalent performance standard and tamper resistance requirements as required in 13 CCR, Sections 2855(a) and 2856(e), respectively.
- 5) Production evaporative systems shall be in all material respects the same as those for which certification is granted.
- 6) Installation will be completed as directed by the component manufacturer and will adhere to the specifications within the referenced component Executive Order(s).

D1. Fuel Tank Executive Order(s)	D2. Fuel Line Executive Order(s)	D3. Carbon Canister/Venting System (Diurnal) Executive Order(s)	
RM-17-002 RM-17-012 RM-17-012A	RM-17-018 RM-17-008	RM-18-001	
D4. Manufacturer Contact Contact: Eric Nyberg Title: Engineer Company: Fluid Motion LLC Address: 17300 Tye St SE Monroe, WA, 98272 Phone No.: 360-794-1840 or 360-363-4609 Fax No.: 360-794-5567 Email: ericnyberg@rangertugs.com		D5. Production Plant Location/Contact Contact: John Livingston Title: President Company: Fluid Motion LLC Address: 17300 Tye St SE Monroe, WA, 98272 Phone No.: 360-863-2259 Fax No.: 360-794-1850 Email: johnlivingston@rangertugs.com	
D6. Watercraft Type <input type="checkbox"/> Personal Watercraft <input checked="" type="checkbox"/> Outboard <input type="checkbox"/> Inboard <input type="checkbox"/> Sterndrive <input type="checkbox"/> Jetboat <input type="checkbox"/> Other: _____		D7. Watercraft Specifications <input checked="" type="checkbox"/> Trailerable (≤26ft) <input type="checkbox"/> Nontrailerable (>26ft) <input type="checkbox"/> Less than 30kW <input checked="" type="checkbox"/> Greater than 30kW	
		D8. Evaporative Warranty/Label Approvals Label Approval #: NMC-2018-004 Warranty Approval #: NMC-2017-052	
D9. Confidential Information D9a. Projected California sales(units): _____ D9b. Projected 50-State Sales (units): _____ D9c. Introduction into commerce date: _____			

If you have any questions, please contact me at 360-794-1840 or 360-363-4609.

Sincerely,
Eric Nyberg
Engineer

ENY 5-3-19

For ARB use only E.O.#: <u>U-W-056-0007</u> Processed by: <u>Michael Lin</u> Reviewed by: <u>[Signature]</u>

Lin 05-22-19