POWERFULLY EFFICIENT



For Inground pools

CARVIN
POOL EQUIPMENT

MAGNUM FORCE® V

In Ground Pool Pump

CARVIN®

DESCRIPTION

ENGINEERED FOR INTELLIGENT PERFORMANCE

Built on the trusted Magnum Force hydraulic platform, Magnum Force® V integrates advanced variable-speed technology with optimized flow dynamics to deliver powerful, energy-efficient, and ultra-quiet circulation. Precise speed control adapts to pool size, system demand, and environmental conditions while reducing energy consumption. An optional low temperature monitor automatically circulates water during cold conditions to help prevent freeze damage.

The result is professional-grade performance, optimized operating costs, and smooth, reliable operation across all speeds.

ENERGY EFFICIENCY THAT PAYS BACK

Variable-speed technology can reduce energy consumption by up to 80% compared to traditional single-speed pumps, lowering operating costs while maintaining superior performance. Optimized energy use and reduced mechanical stress support long-term reliability and lower ownership costs.

FEATURES



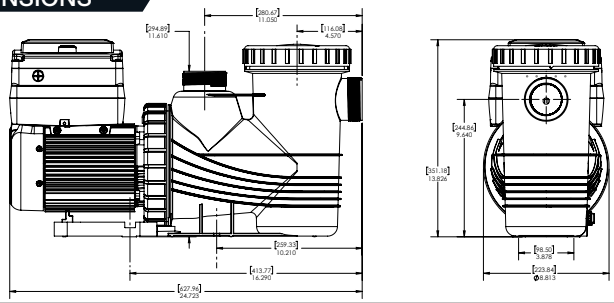
Advanced Variable-Speed Control. Optimizes flow and reduces energy consumption across all operating conditions.

Run-Dry Protection Technology. Exclusive air-cooled heat dissipation system helps prevent seal damage during temporary water loss.

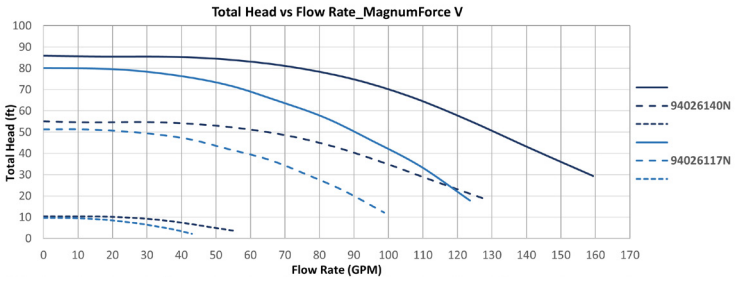


- **Powered by Advanced Permanent Magnet Motor Technology.** Built on a premium motor platform engineered for high efficiency, smooth operation, and long-term durability.
- **Rugged Finned Aluminum Construction.** Heavy-duty aluminum housing enhances cooling and provides superior resistance in humid and coastal environments.
- **Advanced Scheduling & Seamless Integration.** Factory-installed run schedule allows quick startup, while customizable programming supports up to seven daily schedules.
- **Automation-Ready Compatibility.** Compatible with leading pool automation systems for seamless system control.
- **Virtually Silent Operation.** Low-vibration design and advanced motor control deliver smooth exceptionally quiet performance at all speeds.
- **RinkLok™ Service-Friendly Construction.** Tool-free access simplifies inspection and maintenance.

DIMENSIONS



PERFORMANCE CURVE



TECHNICAL SPECIFICATIONS

Model No.	Item No.	THP	WEF	Voltage	Full Load AMPS	Connection Port size ı Union	Weight
16VMF-S2	94026117	1.65	7.2	115/230V	17.7/10.5	2'' NPT(F) - 2'' Slip x 2.5 MBT	52lbs (23.6Kg)
N27VMF-S2	94026140N	2.7	6.3	230V	11.1	2'' NPT(F) - 2'' Slip x 2.5 MBT	57lbs (25.9Kg)

2 YEAR WARRANTY

SCAN or CLICK

Product details here