

VANGUARD[®]

Vanguard[®] 400 EFI/ETC

Single-Cylinder Engine

Dominate the jobsite with our most innovative single-cylinder engine yet.

We added EFI and ETC technologies to our most powerful single-cylinder engine. Now its category-best performance and lower total cost of ownership are taken to a whole new level — and the tough jobs won't know what hit them.

PRODUCTIVITY

NO DROOP

- > Delivers greater efficiency and higher productivity.



POWER

REACTS INSTANTLY

- > Smooth, consistent power in any condition.



PERFORMANCE

STANDARD INTEGRATED CYCLONIC AIR FILTRATION

- > 600 hours between filter changes.

LOW-IDLE CAPABILITY

- > Fuel savings.

CHOKeless STARTING

- > Improved starting at all temperatures.

BATTERY-LESS STARTING

- > Eliminates bulk, weight and maintenance of an on-board battery.

QUIET OPERATION

- > Optimized sound and tone quality.

SERVICE

- > Easier diagnostics and alerts.

3-YEAR LIMITED GLOBAL WARRANTY¹

- > Quality assurance.



400 EFI/ETC TECHNICAL SPECIFICATIONS



Register your engine at vanguardpower.com/registration, and receive an extra year of commercial limited warranty!²



TECHNICAL SPECS

Vanguard® 400 EFI/ETC

MODEL	25E3
HP (GROSS)¹	14.0
ENGINE DISPLACEMENT (CC)	408
ENGINE CONFIGURATION	Horizontal
BORE (IN)	3.46
STROKE (IN)	2.64
WEIGHT (LBS)	87
OIL CAPACITY (OZ)	32
LUBRICATION SYSTEM	Splash Lubrication
AIR FILTER	Integrated Cyclonic Air Cleaner
IGNITION SYSTEM	Computer Controlled Ignition
FUEL TANK CAPACITY (L)	5.99
COMPRESSION RATIO	8.3:1
WIDTH (IN)	14.3
LENGTH (IN)	21.3
HEIGHT (IN)	18.6
WARRANTY	3-Year Limited ² ; +1-Year Bonus Warranty with Registration ³

VANGUARD

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WWW.VANGUARDPOWER.COM

¹All power levels are stated gross HP at 3,600 RPM per SAE J1940.

²See vanguardpower.com for warranty details.

³Offer not valid in CA or QC. Visit vanguardpower.com for complete details.