

Briggs & Stratton Vanguard



23 HP

627cc

Advanced Debris Management

3-Year Commercial Engine Warranty

23 Horsepower (HP) **627** Displacement (cc) **2** No. of Cylinders **GAS** Fuel Type

FEATURES

V-Twin OHV Technology

Superior balance, low vibration, lower emissions, improved valve life, better fuel economy and higher HP/Weight

Cooler Cleaner Technology (efficient fan, improved debris management)

Efficiently reduces engine and oil temperatures by 25-30 degrees while effectively managing airborne debris

Dura-Bore Cast Iron Cylinder Sleeve

Withstands wear while providing improved oil control

Engine Warranty**

Three year commercial engine warranty for all applications

Full Pressure Lubrication w/ Spin-On Oil Filter

Cleans oil and protects engine components to ensure maximum lubrication and long life

Centrally Located Oil Pump and Pickup

Faster priming and allows for a higher angle of operation

Oil Cooler

Reduces oil temperature, improves lubrication and extends oil change intervals

High Efficiency Head Design

Angled ports optimizes tumble and mixture preparation for improved efficiency, smoother idle, lower emissions and more power

Light Weight Piston & Ring Package

Lowers noise, vibration, oil consumption, emissions and wear

Dynamically Balanced Crankshaft

Minimizes engine noise and vibration

Low Profile Dual-Clean® Air Cleaner

Industrial Pleated paper with foam pre-cleaner for extended engine life

Mechanical Compression Release

Smooth easy starting, longer starter life and provides an instant return to maximum power

Magnetron® Electronic Ignition

Quick dependable starts with no maintenance required

Poly-Core Blower Housing

Lowers noise level and improves sound quality

Optional: EPA/CARB Certified Propane Kit

SPECIFICATIONS

Model	3864
HP (gross)	23
Engine Displacement (cc)	627
Engine Configuration	Horizontal
Bore (in)	2.97
Stroke (in)	2.76
Weight (lbs)	77
Oil Capacity (oz)	48
Compression Ratio	8.4:1
Air Cleaner	Low Profile Dual-Clean® Air Cleaner
Ignition System	Magnetron® Electronic Ignition
Lubrication System	Full Pressure Lubrication with Spin-On Oil Filter
Length (in)	12.52
Width (in)	16.02
Height (in)	17.68