Specifications

EPA / CEPA

The Emission Compliance Period referred to on the Emissions Compliance Label indicates the number of operating hours for which the engine has been shown to meet Federal emission requirements.

Category

A = 300 hours

B = 125 hours

C = 50 hours

CARB

The Emission Compliance Period used on the CARB-Air Index Label indicates the terms:

Extended = 300 hours

Intermediate = 125 hours

Moderate = 50 hours

Engine

Single cylinder four-stroke engine with mixture lubrication

Displacement:	28.4 cc (1.72 cu.in)
Bore:	38 mm (1.50 in)
Stroke:	25 mm (0.98 in)
Engine power to ISO 8893:	0.95 kW (1.3 bhp) at 7,000 rpm
Idle speed:	2,800 rpm
Cut-off speed (rated):	9,500 rpm
Max. output shaft speed (cutting attachment):	7,150 rpm
Valve clearance	
Inlet valve:	0.10 mm (0.004 in)
Exhaust valve:	0.10 mm (0.004 in)

Ignition System

Electronic magneto ignition

Spark plug (resistor type):	Bosch USR 7 A C
Electrode gap:	0.5 mm (0.02 in)

Fuel System

All position diaphragm carburetor with integral fuel pump

Fuel tank capacity:	0.71 l (24 fl.oz)

Weight

Dry, without cutting attachment and deflector

FS 91:	5.8 kg (12.8 lbs)
FS 91 R:	5.5 kg (12.1 lbs)

Overall length

without cutting attachment	1800 mm (71 in)