



## PRODUCT INFORMATION 2002

No.	DATE	SUBJECT
35	05-2002	Blower

### *New Backpack Blower model SA2062*



#### **Description**

*The new EfcO SA2062 professional blower is designed for tidying rural (farmyards and forecourts), urban (parks, stadiums, flowerbeds, streets), and agricultural (orchards, olive groves) environments, and preventing/extinguishing fires.*

*The machine is equipped as standard with two terminal tubes to maximise the range of possible applications.*

*The high power engine makes this unit ideal for rapidly clearing leaves and other debris from large surface areas.*

*The very quiet operation allows the use of this blower in urban surroundings in full compliance with noise emission bylaws.*

*The low weight, high air velocity and output delivery volume make this backpack blower a practical, powerful and high performance tool.*

# Advantages

## ① ENGINE - PERFORMANCE AND ENGINEERING FEATURES

- **Professional 2-stroke engine** 61.3 cm<sup>3</sup> offering generous 4.5HP (3.3kW) output, designed for continuous heavy-duty service.
- High efficiency **engine cooling system** with air flow provided by rotation of the blower fan.
- **Capacitive type electronic ignition:** guaranteed high performance, easy starting, and long service life.

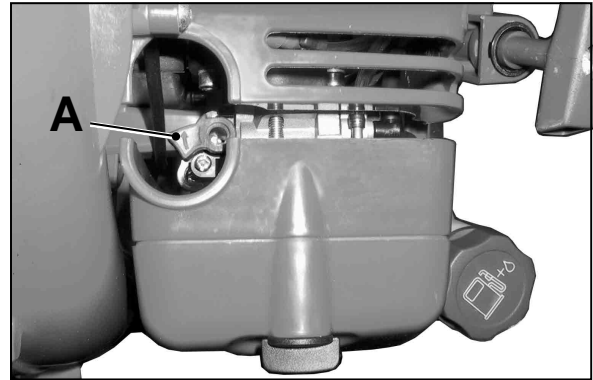


fig.1

## ② EASE OF USE:

- **“Lift-Starter”** device (“A” fig.1), an engine starting system that automatically inhibits the choke when the throttle is opened fully, thereby eliminating the risk of flooding the carburettor.
- **Primer** device (“B” fig.2): draws fuel into the carburettor to aid cold starting, starting after refuelling, and after long periods of disuse.
- The carburettor (“C” fig.3) is fitted with a **self-adjusting fuel regulation device (compensator)** that prevents the fuel/air mixture from becoming richer as the air filter gradually collects dirt. The quantity of air passing through the filter is measured, and the jet regulated correspondingly to supply the correct amount of fuel. As a result, the fuel/air ratio is maintained constant and no manual carburettor adjustment is required.
- The generously sized **paper air filter** (“D” fig.4) provides the maximum protection of the engine also during use in very dusty environments and features a longer working lifetime.
- Easy access and maintenance of the **air filter:** just unscrew the knob (“E” fig.4) by hand.
- The central **handle** allows practical and easy handling of the machine.

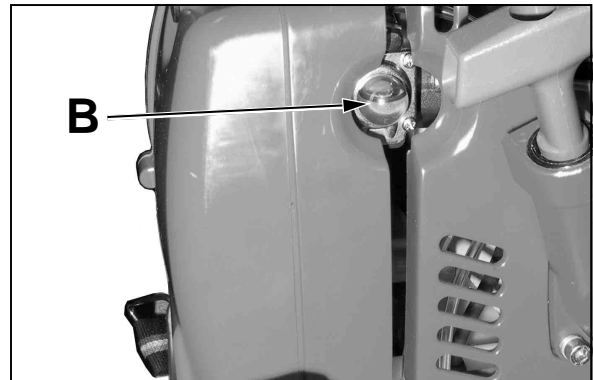


fig.2

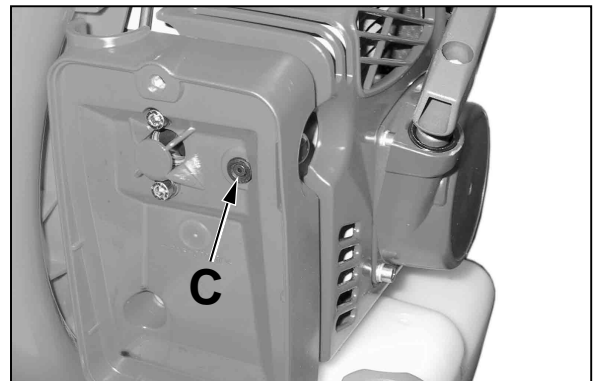


fig.3

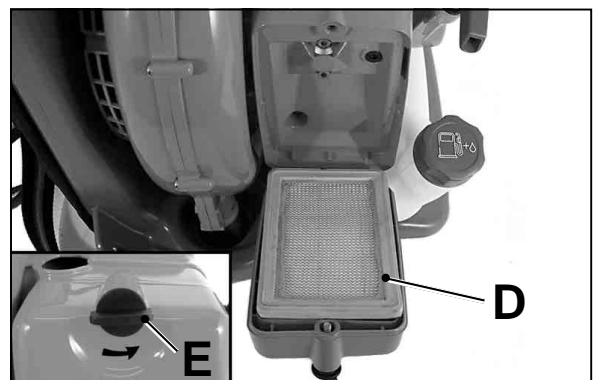


fig.4

# Advantages

## ③ SAFETY:

- The adoption of a **fuel tank** that is separate from the blower body protects the fuel from heat; the large tank capacity (2.3 litres) guarantees long running time.
- The **throttle trigger** sited on the blower tube handle ("F" fig.5) ensures constant control of the airstream in relation to operating requirements.
- Exhaust system equipped as standard with **flame trap** (easily removable) (fig.6).

## ④ COMFORT:

- The nylon blower wheel and casing and the backpack frame in melt-blown polypropylene with padding and covering in breathable fabric ensure **light weight and comfort**, facilitating the operator's movements and minimising muscular fatigue after prolonged use of the blower.
- **Adjustable handle** to suit the preferences of the operator:
  - forward/backward movement along the blower tube (fig.7)
  - rotation of blower tube and handle (fig.8)
- A practical **limiter on the throttle trigger** ("G" fig.5) serves to adjust air flow directly from the handle to suit operating requirements.
- **Vibration**: the ergonomic design of the shoulder straps and backpack frame combined with an innovative antivibration system make for a substantial reduction in the level of vibration transmitted to the operator (fig.9).
- **Noise emissions**: the use of special materials combined with the unique geometry of the blower assembly serve to reduce noise levels to a minimum.
- **Ease of use**: the blower tube is designed to assure the maximum performance levels (air volume and velocity) with minimum muscular stress in the arm (resistant force on the handle).

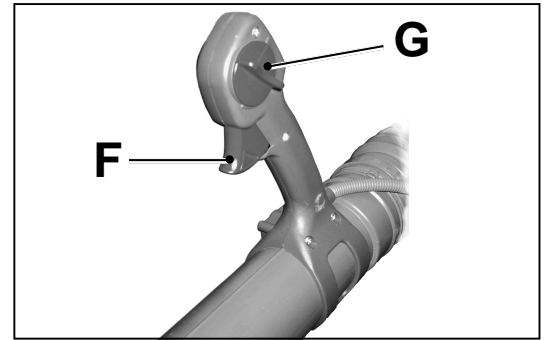


fig.5

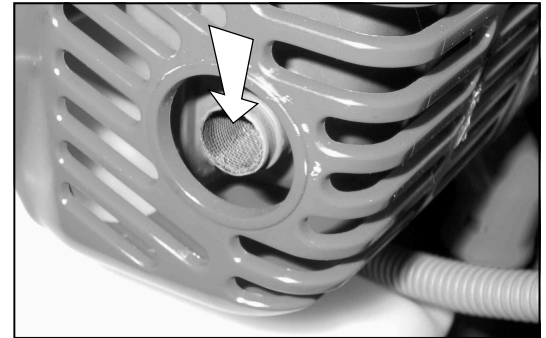


fig.6

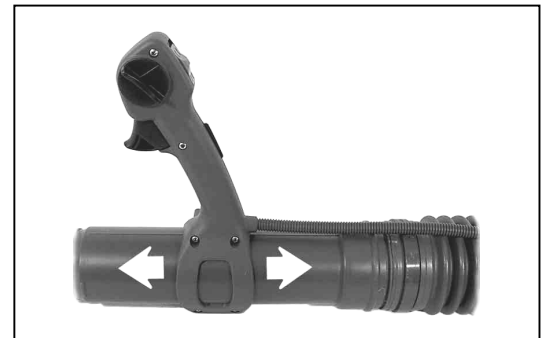


fig.7

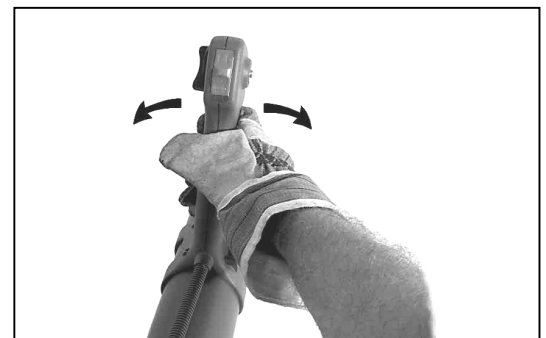


fig.8

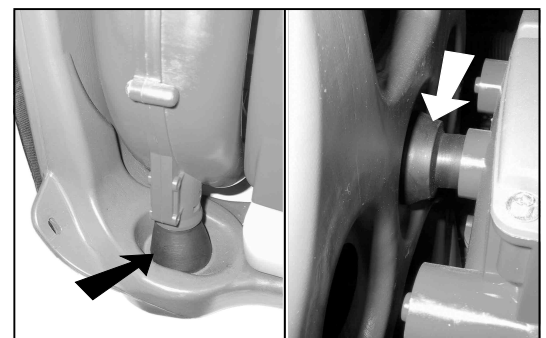


fig.9



# "SA 2062"



## Technical specifications

MODEL		SA 2062
<b>ENGINE</b>		
TYPE		Emak 2-stroke
DISPLACEMENT	cm <sup>3</sup>	61,3
BORE	mm	47,5
STROKE	mm	35
IDLE SPEED	min <sup>-1</sup>	2100
MAX. SPEED	min <sup>-1</sup>	7400
POWER	Hp/kW	4,5/3,3
MAX. TORQUE	Nm	3,95
SPECIFIC FUEL CONSUMPTION	g/Hp h	360
MAX. FUEL CONSUMPTION	l/h	1,9
<b>IGNITION SYSTEM</b>		
TYPE		Electronic
SPARK PLUG		Champion RCJ-6Y
<b>FUEL SYSTEM</b>		
CARBURETTOR		Walbro WYK-157 diaphragm type
FILTER SYSTEM		Paper filter with compensator
PRIMER		Yes
AUTOMATIC CHOKE		Yes
FUEL TANK CAPACITY	l	2,3
FUEL		Mix 4% (25:1) - with Efco <b>PROSINT</b> 2% (50:1) oil
<b>SOUND PRESSURE (ANSI - B175.2/1990)</b>	dB (A)	75
<b>SOUND PRESSURE (LpA - ISO 6081)</b>	dB (A)	98
<b>GUARANTEED SOUND POWER (2000/14/EC - LwA EN ISO 3744 - ISO 11094)</b>	dB (A)	111
<b>VIBRATION LEVEL (ISO 5349)</b>	(m/s <sup>2</sup> )	< 2,5
<b>ANTIVIBRATION ELEMENTS</b>		3 Rubber
<b>DIMENSIONS</b>	mm	320 x 430 x 450
<b>WEIGHT</b>	kg	9,4
<b>BLOWER OUTPUT CAPACITY</b>	m <sup>3</sup> /h	1200
<b>MAXIMUM AIR VELOCITY</b>	m/s	90



EMAK s.p.a. - Member of the YAMA group  
 42011 BAGNOLO IN PIANO (REGGIO EMILIA) ITALY  
 TEL. 0522 956611 - TELEFAX 0522 951555  
 EMAIL service@emak.it INTERNET http://www.emak.it