

STIHL SR 340 and SR 420

STIHL®

Backpack Mistblowers for a wide range of applications.



STIHL SR 340 and SR 420 mistblowers: mobile and versatile

Convenient to use even in difficult operating

■ **Compact:** easy to carry and can be used even in confined spaces.

■ **Compact:** the machines are easy to stow in the boot of a car and can be used even in confined spaces.

■ **Economical:** the long-life air filter system with compensator allows considerably longer service life.

■ **Easy to service:** all the main components are easily accessible from outside.

■ **Environmentally compatible:** vapours from the fuel tank are sent to the power unit for combustion.



Professional backpack STIHL mistblowers are convenient and economical to use in fruit and vegetable growing, horticulture and vineyards.

The high-performance engine produces a powerful airstream with a big range. Liquid and powdered plant control chemicals, granulate or grass seed can be applied quickly and efficiently.

Transmission of vibrations to the user is appreciably reduced by the separation between engine and fuel tank and the effective AV system. That makes work pleasanter – even in extended periods of use. Foaming of the fuel is also reduced. That prevents bubbles forming in the fuel

system and thus ensures the units operate smoothly.

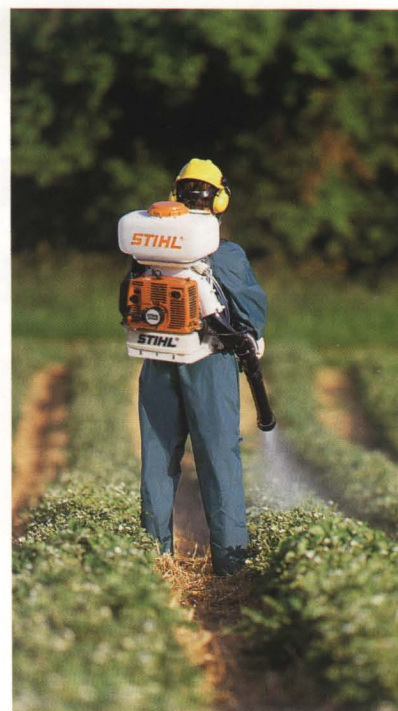
Environmentally compatible: the new tank vent design prevents emission of fuel vapours – instead, they are sent to the power unit for combustion.

Maintenance is considerably simplified by the new, long-life air filter system with compensator. Filter cleaning intervals are significantly extended.

conditions.



The mist jet has a big range to allow even larger areas and tall trees to be treated quickly and efficiently.



■ Convenient: all the engine controls are located on the multi-function control handle.



The pattern and direction of the spray can be varied with the help of three push-fit baffle screens:



Tapered baffle screen: liquid chemical is finely atomized in a broad but short cloud of spray. This avoids damage to foliage.



Deflector baffle screen: this diverts the spray jet upwards or downwards at an angle and thus enables low plants to be sprayed from underneath.



Dual deflector baffle screen: splits the spray jet in two. This enables two rows of plants to be sprayed at once to save time.



All the engine controls are located on the multi-function control handle. That makes the units simple and safe to operate.



Economical use of chemicals: the quantity applied can be infinitely varied via the metering knob on the nozzle.



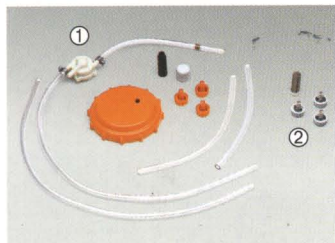
The chemical container has a capacity of 14 litres to save time spent refilling. A scale shows the current level at a glance.



The new, long-life air filter system with compensator makes for longer service life, particularly when working in dusty conditions (e.g. when using the dusting and spreading attachment or using the unit as a blower).

Versatile range of accessories for systematic plant control.

Special accessories allow you to extend the range of applications of STIHL mistblowers.



Precision metering and a very fine spray: booster pump and ULV nozzles

A booster pump ① is available as an option for mistblowers SR 340 and SR 420. This pump continuously agitates liquid chemicals which have a tendency to settle and thus helps avoid variations in the concentration of the mix. The booster pump keeps the

chemical flow constant, irrespective of whether the unit is spraying upwards or downwards.

The ULV (ultra low volume) nozzles ② operate like an atomizer. Liquids are dispersed in extremely fine droplets. This is particularly important when using small quantities of highly concentrated chemicals.

The booster pump is supplied complete with a set of ULV nozzles. ULV nozzles are also available separately. However, to ensure a constant delivery volume when operating with the ULV nozzles, we recommend using the ULV nozzles in conjunction with the booster pump.



③ Dusting and spreading attachment:

STIHL mistblowers can be equipped with an optional dusting and spreading attachment for granular chemicals or grass seed.

Technical data at a glance:

	SR 340	SR 420
Engine		
Displacement:	44.9 cm ³	56.5 cm ³
Engine power:	2.0 kW/2.7 hp	2.6 kW/3.5 hp
Weight:	11.1 kg	11.1 kg
Fuel system		
Fuel tank capacity:	1.5 l	1.5 l
Performance data		
Max. air flow:	1170 m ³ /h	1260 m ³ /h
Air velocity:	94 m/s	101 m/s
Chemical container capacity:	14 l	14 l
Spray rate:	0.15 – 2.8 l/min	0.15 – 3.0 l/min
Spraying range		
Vertical:	9.5 m	11.5 m
Horizontal:	10.0 m	12.0 m
Standard equipment		
Diaphragm carburettor, electronic ignition, long-life air filter system with compensator, anti-vibration system, ElastoStart, shoulder strap		
Optional accessories:		
Booster pump with set of ULV nozzles, ULV nozzles, dusting and spreading attachment, hip belt, back padding		

Form, technology and equipment may differ from one country to the next. Subject to change without notice.

Using as a blower (not illustrated):

Without requiring conversion, STIHL mistblowers can also be used as airblowers to sweep larger areas such as car parks,

farm entrances and parks. Even grass cuttings or wet leaves have no chance against the powerful blast of air.

Your partner for professional service and competent advice.

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