

Solutions for concrete dust problems

ISARD 1450 EWS

- 8600cm² Filter Area - 2 Cassettes
- 50 Litre Plastic Canister
- 1400/1600 Watt Motor
- Polyester Filter System
- Auto Electromagnetic Filter Vibration
- Auto Stop/Start
- Variable Suction Control
- Automatic Full Canister Cutout-Wet
- Very High Vacuum Generation
- Wet/Dry Multipurpose
- Hazardous Dust Filters Available

A Supa Separator decreases dust load on the vacuum and increases efficiency by

400%



Use with small and large grinders, scarifiers and small shotblasters

93% of dusts collected in Supa Separator*

* as tested

Huge increase in vacuum efficiency

FEATURES OF THE CPS 24-50 SUPA SEPARATOR

- The CPS 24-50 collects 93% of dust before the vacuum unit, increasing working efficiency
- Reduces filter blockages and extends life of vacuum motors, reducing replacement and repair costs
- Easy to empty, done in just seconds!
- Rugged poly construction with hard wearing rubber castors to withstand a vigorous workload
- The SUPA SEPARATOR is placed in-line between any concrete grinding or cutting tool and the dust collector
- The SUPA SEPARATOR suits any vacuum hose with 50mm cuff ends
- Suitable for use with most dusts and liquids (not recommended for solvents)
- Extends intervals between filter cleaning allowing much higher productivity

Compare the dust extraction efficiency when a Supa Separator is connected!

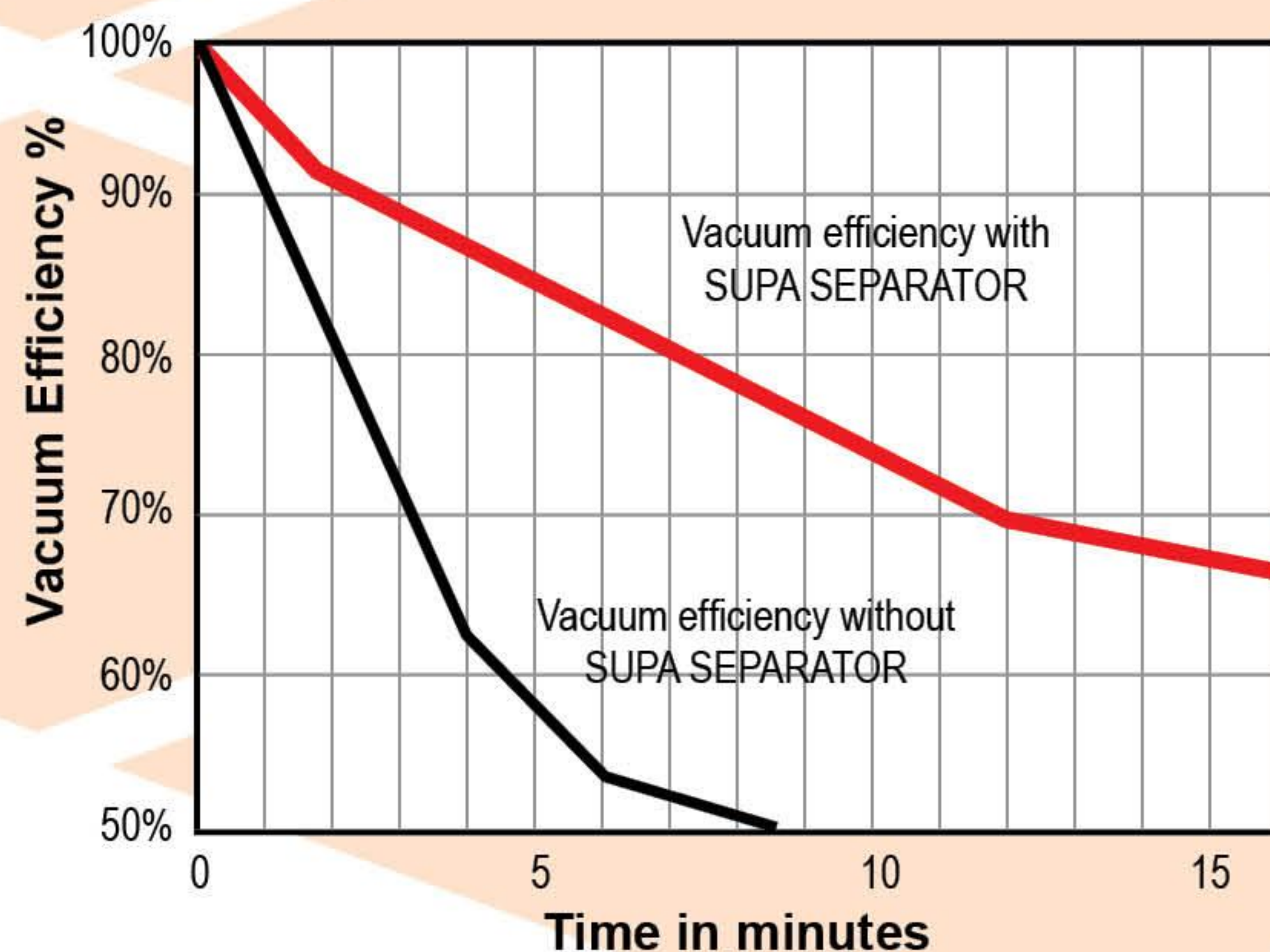
During controlled tests the Supa Separator CPS 24-50 extracted 93.9% of dust from the given floor area leaving only 6.7% for the Vac Unit to cope with. With the Supa Separator installed, the operator was still grinding efficiently after 16 minutes. Before installation the vacuum needed cleaning every 4 minutes.

Test 1

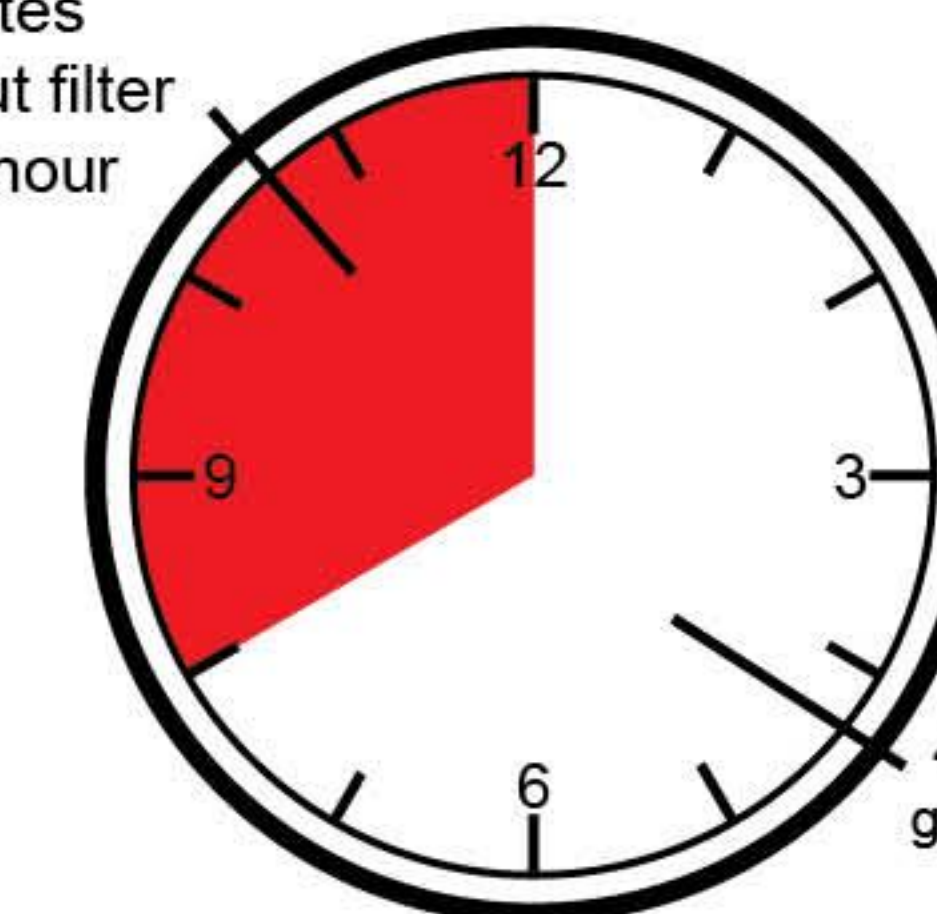
A Starmix is tested with a 7" Grinder-Vac with a shroud.
 "After 3½ minutes dust began to escape intermittently from under the shroud and after 4 minutes the amount of escaping dust was unacceptable. In 6 minutes the total dust collected in the Starmix was 3.61kg."

Test 2

A Starmix 1245 with a CPS 24-50 SUPA SEPARATOR is tested using the same 7" Grinder-Vac with a shroud.
 "16 minutes of continuous grinding was achieved without having to clean the filter. This means that in one hour of work, around 55 minutes of productive grinding is possible. After 16 minutes only .52 of dust have been collected in the Starmix. The balance of 7.84kg was collected in the SUPA SEPARATOR (93.3%)."

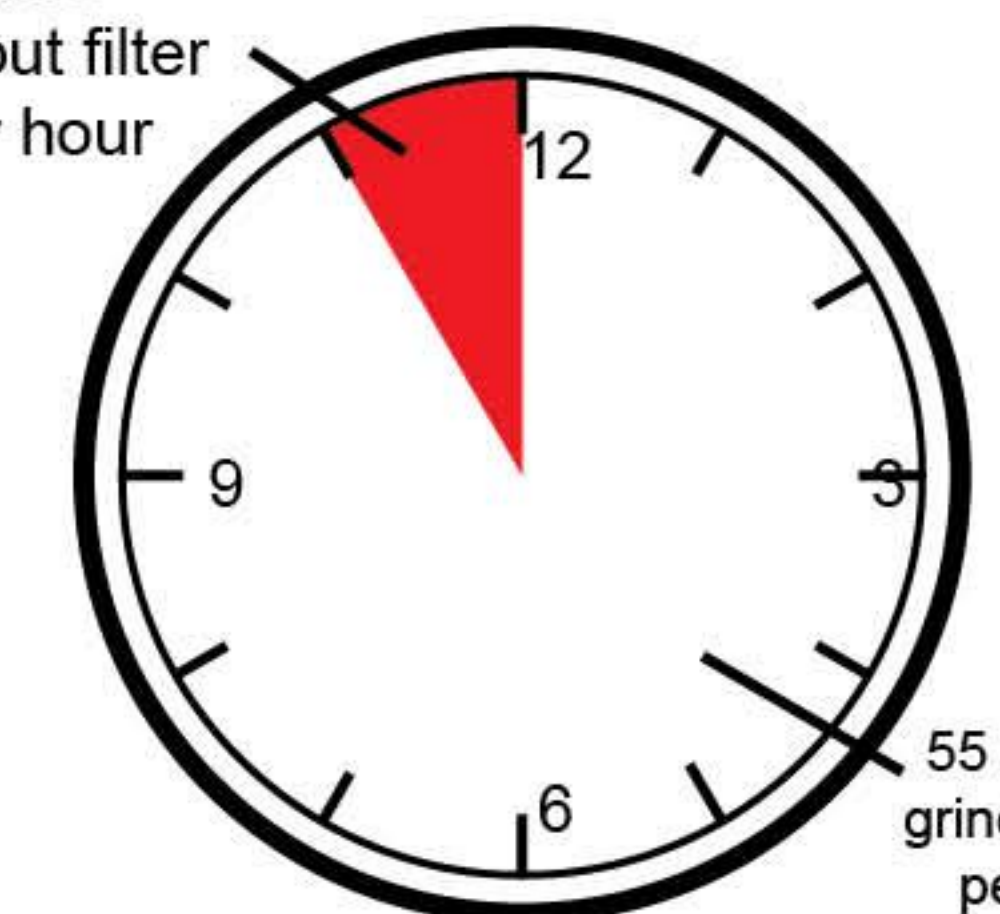


20 minutes cleaning out filter time per hour



Without Supa Separator

5 minutes cleaning out filter time per hour



With Supa Separator

(an increase of 38% productive time)

40 minutes grinding time per hour

55 minutes grinding time per hour