

MOBILE FILTERING EXTRACTOR mod. ICAF/M

for dusts, vapours of solvents, acids, bases, etc. with output to the exterior environment through flexible extraction ducting.



ICAF/M 1B

ICAF/M 2B

- an electric fan with reverse blade centrifugal wheel, power 1 Hp- 0.75 kW - 230V single-phase 50Hz, 2800 rpm, protection degree IP 55, statically balanced. Potential extraction rate 700 m³/h (**ICAF/M 1B**) 1000 m³/h (**ICAF/M 2B**);
- a wheeled soundproof box with two swivel castors with brake, equipped with push-handlebar and a chest for housing the filters with output duct; frame in epoxy-coated steel plate. Max. noise level 70 dB(A); box dimensions 610x610xh.880 mm; overall dimensions 610x1020xh.1065 mm;
- a switchboard with differential magnetothermic circuit breaker, meter and speed variator;
- a self-supporting extractor arm mod. IBSC, \varnothing 125 mm - 2 m long, in aluminium with a small painted hood equipped with handle, inner protective net and adjustment shutter (**ICAF/M 1B with 1 arm, ICAF/M 2B with 2 arms**);
- n. 01 prefilter series «F10», 22 mm thick, with plane filtering cells, composed of a support frame in galvanized plate with a protective net, which contains a FP filtering baffle. Average separation degree 90.1%; dust store capacity 494 g/sqm; class EU4-G4, F1 (DIN 53438);
- n. 01 filter for dust removal series «F12», 48 mm thick, with pleated filtering cells, composed of a support frame in galvanized plate with a protective net, which contains a pleated FP filtering baffle for filtering and separating coarse and fine dusts. Average separation degree 90.1%; dust store capacity 494 g/sqm; class EU4-G4, F1 (DIN 53438);
- n. 01 activated charcoal filter series «FCA», 65 mm thick, composed of a support frame in galvanized plate with a protective net, containing 10 kg of activated charcoal in small cylinders, with the following specifications: size of the small cylinders \varnothing 3.5-4 mm, 5-10 mm long; density 490-520 kg/m³; inner active surface 1000 \pm 50 sqm/g; pore total volume 0.9 cc/g;
- 10 m flexible duct with output port-hole with protective net (\varnothing 150 mm **ICAF/M 1B**; \varnothing 180 mm **ICAF/M 2B**);
- total weight: 120 kg (**ICAF/M 1B**) - 150 kg (**ICAF/M 2B**).