



dinotec "Carbonflow" raw water dosing system for powdered activated carbon, for Euro drums

Art. no.: 0250-000-00

Short description

Dosing unit for the largely dust-free dosing of dry powdered activated carbon to eliminate organic loads (e.g. combined chlorine and THM) from pool water.

Description

Functional description:

Dosing is directly from a 60 l drum. The system can be used for several filter systems by using a suspension distribution. Dustless connection of dosing funnel and suspensor during dosing.

The water is preferably taken from the clean water, dosing takes place on the suction side of the circulation pump.

Delivery includes:

Pedestal: steel, galvanised, powder-coated, to house the following functional groups.

Activated carbon dosing: Drum holder with turning device. Dosing funnel to be placed on the drum. Dosing motor, screw feeder, magnetic knocker to support the dosing. Capacitive switch for drum low-level signal, heated dosing tube.

Suspension system: Pre-filter d 75, motive water pump 0.33 kW/1250 l/h or 0.45 kW/1500 l/h (alternatively without pump, with solenoid valve for mains water supply), suspensor with wetting nozzles, injector for suction and delivery of the suspension, monitoring of pump with pressure switch. Monitoring the suction power of the injector. Level control in rinse tank.

Microprocessor control V61: In IP54 housing, setting of operating and test programmes as well as dosing capacity with 4 stepping switches. Signalling and identification of faults via 5 LEDs - collective fault message potential-free. Inputs for external controls. Deactivation of dosing in case of malfunction

Technical data

Electrical connection	230 V/AC 50 Hz (interlocked with filter system)
Connected load	0.35 kW / 0.58 kW
Water supply	DN20
Water outlet to dosing point	DN20
Size	W 60 cm x D 70 cm x H 150 cm
Weight	approx. 50 kg
Dosing capacity	10 - 1200 g/h (optionally up to 5000 g/h)
Inlet pressure min.	0.2 bar
Counter pressure max.	approx. 2 bar (depending on inlet pressure)

Supplementary information

Accessories / Options:

Suspension distribution PAH - SV: Distribution of the suspension produced in the PAKDOS to max. 4 filters with pneumatic or electric valve control. When the PAH dosing is switched of, all dosing lines close.

- Control with clock timer
- Pneumatic control valve
- Flow meter 60-1000 l/h depending on size
- Shut-off ball valve PVC DN20 in inlet
- Pneumatic valve Pr DN20
- Dosing ball valve PVC DN20 for adjusting the flow rate per line in the outlet
- Distribution for compressed air

On-site services (by customer):

- Voltage supply
- Water supply piping and suspension drainage
- Piping overflow to the drain
- Compressed air connection, if needed

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Subject to technical changes. Errors excepted.

Photos of items may be different.

Do you have any questions? Our hotline will be happy to help.

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Simply enjoy the best water!