

MAGRA[®]-Oil distributor

Design with threaded ballcocks and mechanical tank blocking system

_____ (pieces) MAGRA oil distributor with mechanical tank blocking system as combined induction and return distributor consisting of:
Induction and return chamber arranged on top of each other, made of black sheet steel. Outlet socket induction and return connection arranged side by side, as threaded socket. Ballcock of hot-pressed brass, nickel plated, with Teflon seal and female thread.
Opening and closing of induction and return valves by a single lever.
On the tank-filling side, the mechanical tank blocking system, with operating instructions stuck on, ensures that only one tank can be filled at a time. In this way, selection errors are avoided.
Distributors are pressure-tested and painted before despatch.
The tank and burner connections are labeled with designation plates.

In plants according to TRD 411, threaded ballcocks must not be used. In such plants, please use the MAGRA-Oil distributor with flange ballcocks.

Dimensions:

Size of double chamber	Threaded socket	Distance between sockets
60/60 mm	up to 1"	100 mm
85/85 mm	1 1/4"	135 mm

Technical data:

Size of tank connections	_____ "
Size of burner connections	_____ "
Number of tanks	_____ pcs.
Number of oil burners (connection of feed pump corresponds to one oil burner)	_____ pcs.
Max. operating pressure	_____ bar
Length of distributor	_____ mm
Material:	Wage:

_____ (pieces) **MAGRA-wall fixture 60/55** for above distributor (size 60/60).
Projection of 55 mm up to middle of distributor. Galvanised. Including screws, dowels and washers.
Material: _____ Wage: _____

_____ (pieces) **MAGRA-wall fixture 85/70** for above distributor (size 85/85).
Projection of 70 mm up to middle of distributor. Galvanised. Including screws, dowels and washers.
Material: _____ Wage: _____

**Design with threaded ballcocks, electrical servomotors and control cabinet.
for fully automatic switching over between tanks - see overleaf**

Description of products

MAGRA® -Oil distributor

Design with threaded ballcocks, electrical servomotors and control cabinet. for fully automatic tank switching

_____ (pieces) MAGRA oil distributor for fully automatic tank switching as combined induction and return distributor consisting of: Induction and return chamber arranged on top of each other, made of black sheet steel. Outlet socket induction and return connection arranged side by side as threaded socket.
On tank filling side, ballcocks made of hot-pressed brass, nickel-plated, with teflon seal and female thread, with pre-fitted servomotors (220 V AC), drive systems, connecting terminals and manual adjustment facility.
One servomotor is required for each oil tank.
The fully automatic tank switching circuit ensures that only one tank can be open at a time.
On burner side, ballcock of hot-pressed brass, nickel-plated, with teflon seal. Opening and closing of induction and return valves by a single lever.
Distributors are pressure-tested and painted before despatch.
The tank and burner connections are labeled with designation plates.

Dimensions:

Size of double chamber	Threaded socket	Distance between sockets
60/60 mm	up to 1"	100 mm
85/85 mm	1 1/4"	135 mm

Technical data:

Size of tank connections	_____	"
Size of burner connections	_____	"
Number of tanks	_____	pcs.
Number of oil burners (connection of feed pump corresponds to one oil burner)	_____	pcs.
Max. operating pressure	_____	bar
Length of distributor	_____	mm

Material: _____ Wage: _____

_____ (pieces) **MAGRA-wall fixture 60/55** for above distributor (size 60/60).
Projection of 55 mm up to middle of distributor. Galvanised. Including screws, dowels and washers.

Material: _____ Wage: _____

_____ (pieces) **MAGRA-wall fixture 85/70** for above distributor (size 85/85).
Projection of 70 mm up to middle of distributor. Galvanised. Including screws, dowels and washers.

Material: _____ Wage: _____

_____ (pieces) **Control cabinet for fully automatic tank switching**, suitable for above MAGRA oil distributors.
Strong aluminum housing with external mounting brackets, complete with mounting materials. Operating and monitoring lamps installed in cabinet door. Door layout subdivided in accordance with functional groups of instruments. Cable entry from below.

Equipment identified by exchangeable, plug-fit plastic plates; including requisite control safeguards and switching equipment. Floating connection, with adjustable time lag relay (2 to 10 min), for disconnection of burner/pump in the case of a fault. Including connection for external fault message.

Wired and tested to VDE directives, ready for connection to marked terminal blocks, including control instruments, probes and provision of circuit diagram.

Colour: HE shingle grey
Protection type: IP 52
Operating voltage: 220 V, 50 Hz, 2,5 A.

Dimensions:

2 tanks	W = 530,	H = 410,	D = 315 mm	4 tanks	W = 530,	H = 770,	D = 315 mm
3 tanks	W = 770,	H = 410,	D = 315 mm	5 tanks	W = 770,	H = 770,	D = 315 mm

Number of servomotors (tanks) _____ pcs.

Material: _____ Wage: _____