

## **MAGRA®-Switching distributor** for various media in a single pipeline system

### Design with threaded ballcocks

\_\_\_\_\_ (pieces) MAGRA-Switching distributor, consists of:  
Distributor chamber welded from sheet steel. With threaded outlet socket.  
Ballcock of hot-pressed brass, nickel-plated, with teflon seals, female thread and lever.  
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-Gas/air separator with flange connections.**

#### Dimensions:

Chamber size	Threaded socket	Distance between sockets
60/60 mm	up to 1"	100 mm
60/60 mm	1 1/4"	150 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-Tank blocking system** for above distributor.  
The mechanical tank blocking system ensures that only one tank is open at a time. In this way, selection errors are avoided. The tank blocking system must be mounted to the distributor in the factory.

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: \_\_\_\_\_

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

# Description of products

## **MAGRA**® -Switching distributor for various media in a single pipeline system

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

\_\_\_\_\_ (pieces) MAGRA-Switching distributor for fully automatic tank switching, consists of:  
 Distributor chamber welded from black sheet steel. With threaded outlet socket.  
 On tank filling side, ballcocks made of hot-pressed brass, nickel-plated, with teflon seals and female thread, with pre-fitted servomotors (220 V AC), connecting terminals and manual adjustment facility.  
 One servomotor is required for each tank.  
 The fully automatic tank switching circuit ensures that only one tank can be open at a time.  
 On burner side, threaded ballcocks of hot-pressed brass, nickel-plated, with teflon seal and lever.  
 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-Switching distributor with flanged ballcocks.**

#### Dimensions:

Size of double chamber	Threaded socket	Distance between sockets
60/60 mm	up to 1"	135 mm
60/60 mm	1 1/4"	150 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) **Control cabinet for fully automatic tank switching**, suitable for above MAGRA switching 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: \_\_\_\_\_