



## INTRODUCTION

Automatic air vents are designed to automatically evacuate air formed in water-operated closed circuit systems and to prevent damage caused by air accumulation.

The damages of air accumulation in closed circuit systems:

- Air formed in the installation makes circulation difficult and reduces the efficiency of the system.
- Surfaces that do not come into contact with water due to air accumulation will deform more quickly.
- It causes cavitation in circulation pumps.
- System is noisy.

For proper operation of the automatic air vents, it must be installed at the top of the system and in the **vertical position**.

**Areas of Usage:** Heating systems, boiler systems and other closed circuit systems

## OPERATING PRINCIPLE

The air that forms in closed circuit systems always moves to the top of the system. For this reason, the air formed in the system reaches the automatic air vent, which is mounted at the top of the system. The air reaching the device is discharged through the air ducts from here. As the amount of air in the installation decreases, the water level in the device increases. The rising water level begins to lift the floats in the product. As the water level rises, the pin that the weight of the float pulls down also moves upwards and closes the gasket at the discharge mouth. So the air evacuation is finished. As the formation of air in the system occurs, the working cycle continues in this way.



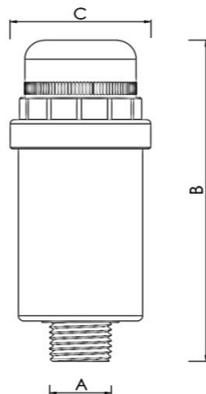
## PRODUCTS

	MODEL	PRODUCT CODE	CONNECTION SIZE
	MAKSIJOR	2315	1/2" ET
	MINIJOR	1310	3/8" ET + 3/8" ET ( Straight Union )
		1315	3/8" ET + 1/2" ET ( Straight Union )

ET : EXTERNAL THREADED

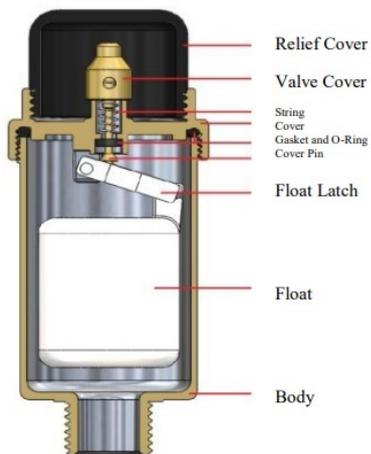
## TECHNICAL SPECIFICATIONS

### MAKSIJOR



Product Code	A [mm]	B [mm]	C [mm]
2315	1/2" ET	115	48

ET : EXTERNAL THREAD

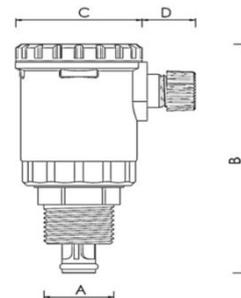


Relief Cover	: ABS
Valve Cover	: Brass CW 614N EN 12164
Spring	: INOX
Cover	: Brass CW 617N EN 12165
Screw and O-ring	: EPDM, NBR
Valve Pin	: Brass CW 614N EN 12164
Float Latch	: PA6 GFR30
Float	: PP
Body	: Brass CW 617N EN 12165

#### PERFORMANCE

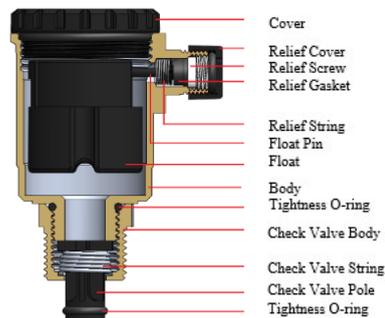
Max. Operating Pressure: 10 bar
Max. Heat: 110 °C

### MINIJOR



Product Code	A [mm]	B [mm]	C [mm]	D [mm]
1310	3/8" ET	72	37	15
1315	1/2" ET	72	37	15

ET : EXTERNAL THREAD

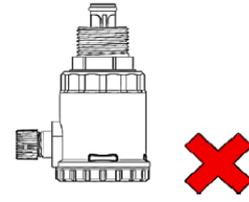
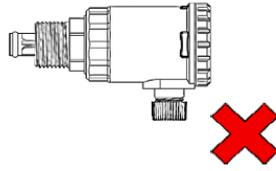
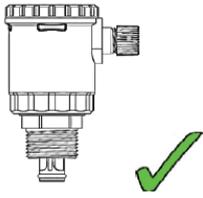
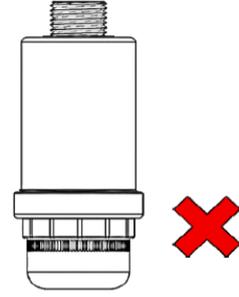
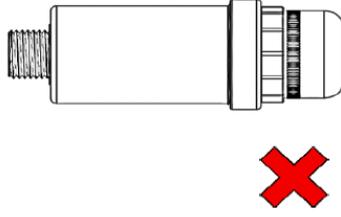


Cover	: POM
Relief Cover	: PA6
Relief Screw	: POM
Relief Gasket	: NBR
Relief Spring	: INOX
Float Pin	: POM
Float	: PA6
Body	: Brass CW617N EN 12165
Tightness O-ring	: EPDM, NBR
Check Valve Body	: Brass CW614N EN 12164
Check Valve Spring	: INOX
Check Valve Pole	: PA6

#### PERFORMANCE

Max. Operating Pressure: 10 bar
Max. Heat: 110 °C

## CONNECTION



We reserve the right to make changes related data in this publication, at any time and without prior notice.