

## BST-WR

### Water separators

The BST-WR water separators are designed to reduce the liquid phases generated by air and gas compression.

- Stainless steel metal parts
- Low pressure drops and long life
- Energy saving
- Color code "ivory"

The BST-WR have to be installed immediately downstream the compressors to prevent the water dragging in the distribution pipelines.

The BST-WR operates on direct interception principle : the rapid changes in direction of the fluid lead to the agglomeration in larger droplets which adheres to metallic parts; the collected liquid drains by gravity down to the drainage system.



Model	Flow rates *		Dimension mm		Materials	
	m <sup>3</sup> /h	l/min	OD	Length		
<b>BST-0105-WR</b>	105	1750	54	145	<b>End caps</b>	Tecnopolymer Color code "ivory" Stainless steel BST 1400 & BST 2200
<b>BST-0190-WR</b>	190	3167	76	162		
<b>BST-0300-WR</b>	300	5000	76	218	<b>Metal supports</b>	Stainless steel
<b>BST-0480-WR</b>	480	8000	76	298		
<b>BST-0700-WR</b>	700	11667	94	365	<b>Bonding</b>	Polyurethane
<b>BST-1200-WR</b>	1200	20000	94	463		
<b>BST-1400-WR</b>	1400	23333	120	350	<b>Gaskets</b>	Buna N
<b>BST-1500-WR</b>	1500	25000	115	363		
<b>BST-2200-WR</b>	2200	36667	120	700		
<b>BST-2300-WR</b>	2300	38333	115	716		

\* Flow rates refer to air at 20°C, 1 bar abs., 0% relative humidity and compressed at 7 bar.

Characteristics	WR
Separation efficiency	up to 90 %
Pressure drop	0,06 bar
Operating temperature range	min. 1°C / max. 120° C
Flow direction	Inside / Outside
Housing suitable	AIR VIP <sup>EvO</sup> series

Data contained in this bulletin are informative and subject to change without notice.  
User is responsible for determining whether the product is fit for particular purpose and suitable for User's method of application.