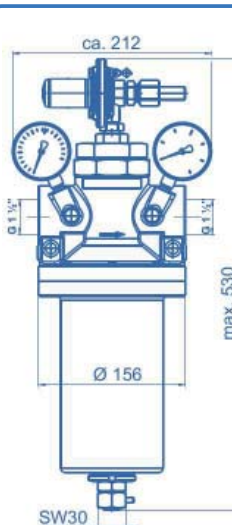


# Pressure regulator U47AC

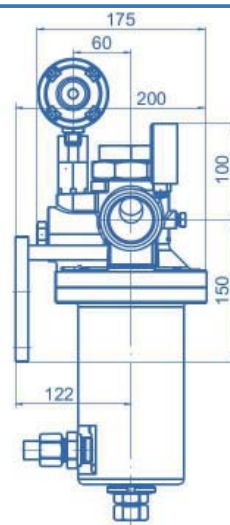
spectro**tec**



U47AC for acetylene



Dimensions



with wall bracket  
512 45350

## Product features

- Diaphragm line pressure regulator
- Specially for acetylene
- For flow rates up to 240 m<sup>3</sup>/h acetylene
- Single-stage with high control accuracy
- Central filter in the pressure regulator
- Safety pressure gauge acc. to DIN ISO 5171
- Pressure regulator with integrated over-pressure valve SV73
- Wall bracket as accessory available

## Technical data

<b>Type</b>	single-stage
<b>Flow rate Q</b>	max. 240 m <sup>3</sup> /h
<b>Inlet pressure P<sub>1</sub></b>	max. 25 bar
<b>Outlet pressure P<sub>2</sub></b>	max. 1.5 bar
<b>Materials</b>	
Body:	brass
Bonnet:	Alu, powder coated
Valve seat:	PTFE
Diaphragm:	EPDM
<b>Connections</b>	
Inlet:	G 1½" female
Outlet:	G 1½" female
Pressure gauge ports:	G 1/4" female
Outlet over-pressure valve:	G ½" male with steel welding stub (ST35) 14 x 2 mm
<b>Temperature range</b>	-20°C to +60°C
<b>Leak rate</b>	≤10 <sup>-4</sup> mbar l/s He
<b>Weight</b>	ca. 14.5 kg

## Flow rates and Performance factor

U47AC	Flow rate Q [m <sup>3</sup> /h] at P <sub>2</sub> [bar]				
	P <sub>1</sub>	0,5	1	1,2	1,5
<b>18 bar</b>		240	240	240	240
<b>10 bar</b>		145	145	150	155
<b>4 bar</b>		60	60	70	80
<b>2 bar</b>		43	40	35	32

Performance factor L<sub>10</sub> = 8

## Article number

U47W9F-AC-25-1,5      500 98560