

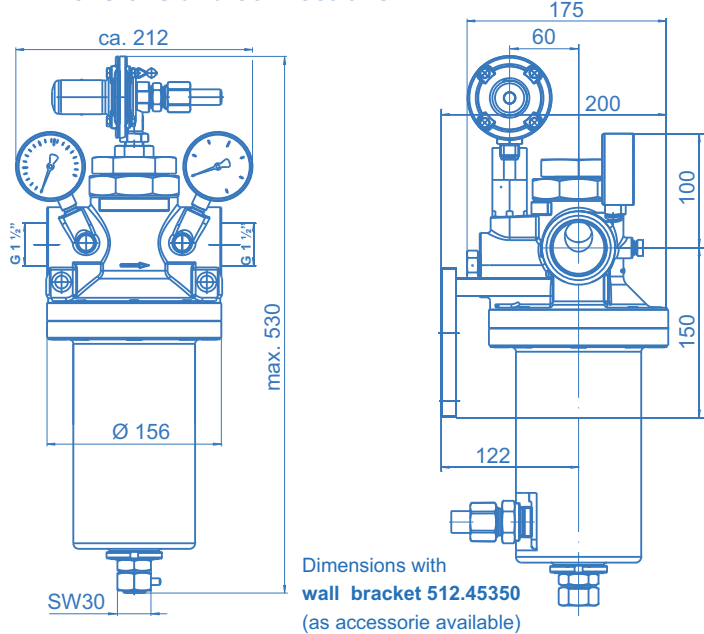
# Regulator U47 for acetylene

spectrotec



Pressure regulator U47 AC for acetylene

## Dimensions and connections



### 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 EN ISO 5171
- Pressure regulator with integrated over-pressure valve SV73
- Wall bracket and in- / outlet fittings as accessories available

### Technical data

<b>Type</b>	single-stage
<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 (plastic coated)
Diaphragm:	EPDM
Valve seat:	PTFE
<b>Ports</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>	-30°C to +60°C
<b>Leak rate</b>	<10 <sup>-4</sup> mbar l/s He
<b>Weight</b>	approx. 14.5 kg

Ordering information: **U47 W9 F - AC - 25 - 1,5**

(part no.: **500.98560**)

### Flow rates

Inlet pres. [bar]	Flow rate [m <sup>3</sup> /h] @ outlet pressure P <sub>2</sub>			
	0,5 bar	1 bar	1,2 bar	1,5 bar
18	240	240	240	240
10	145	145	150	155
4	60	60	70	80
2	43	40	35	32

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