

### SCUBAPRO R290 – R190 Second Stages

# **Trouble Shooting Guide**

Symptom	Corre	ection	Tools Needed
Continuous slow leak from	Readjust orifice or Nyloc nut	Replace poppet, seat or spring	Universal tool/ 1/4" nut driver
second stage			
R290			
Continuous slow leak from	High IP – See first st	Universal tool/ Pneumatic	
second stage		adjustment tool	
REDO	50		
Inhalation effort is lower than specification	Tighten nyloc nut (3 threads maximum)	Replace spring	Universal tool/ 1/4" nut driver
S Lind and Indian Production for State of State			



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Symptom		Tools Needed			
Inhalation effort is higher than specification	Readjust orifice or Nyloc nut	Use a supply least 1500	pressure of at psi/100 bar	Readjust nyloc nut - Lever too low	Universal tool/ 1/4" nut driver
MAGNI HETIC O			1000 2000 5000 2500 2500 3000 5000 4000		
Inhalation effort is higher than specification	Replace spring	Increase IP – Strouble sho	See first stage oting guide	Replace lever	Universal tool/ 1/4" nut driver
MAGNI HEAC		50	50 200 250 250 250 250 250 250 250 250 2		
Violent free flow from second stage	Re-adjust VIVA control		High IP – See first stage trouble shooting guide		Pneumatic adjusting tool
RZOD  RZOD	MAX V MIN		150 250 100 300 50 p3 350 00 Mode in theil UIA		NETER BUILT CO.



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# **Trouble Shooting Guide**

Symptom Violent free flow from second stage	Replace seat or spring	Correction Replace orifice/o'ring		Readjust orifice	Tools Needed Various
Second Stage					
VIVA does not provide continuous flow of air at the MAX setting	Readjust nyloc nut - Lever too low		Readjust orifice or nyloc nut		Universal tool/ 1/4" nut driver
MAXY Y MIN					
VIVA does not provide continuous flow of air at the MAX setting	Check VIVA vane for correct position		Replace lever		VIVA Removal tool/ 1/4" Nut driver
MAXÍMIN					