

SCUBAPRO R390 – R380 Second Stages

Trouble Shooting Guide

Symptom Correction Tools Needed							
Continuous slow leak from second stage	Readjust orifice or Nyloc nut	Replace poppet, seat or spring	Universal tool/ 1/4" nut driver				
Continuous slow leak from second stage	High IP – See first st	Universal tool/ Pneumatic adjustment tool					
The state of the s	50						
Inhalation effort is lower than specification	Tighten nyloc nut (3 threads maximum)	Replace spring	Universal tool/ 1/4" nut driver				
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Symptom	Tools Needed				
Inhalation effort is higher than specification	Readjust orifice or Nyloc nut	Correction Use a supply pressure of at least 1500 psi/100 bar		Readjust nyloc nut - Lever too low	Universal tool/ 1/4" nut driver
MAGNI HENCO			1000 2000 5000 2500 5000 4000		
Inhalation effort is higher than specification	Replace spring	Increase IP – See first stage trouble shooting guide		Replace lever	Universal tool/ 1/4" nut driver
MAGNI HEAC		100 vs 60	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
	MAX V MIN			150 250 100 300 100 300 50 ps 350 00 MADE IN THE UIA	100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0



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Symptom Violent free flow from	Replace seat or spring	Correction Replace seat or spring 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
MAX 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
MAXY					