

SCUBAPRO G250HP Second Stage

Trouble Shooting Guide

Symptom	Corre	ection	Tools Needed
Continuous slow leak from second stage	Readjust orifice or balance chamber	Replace poppet, o'ring, seat or spring	Various
Continuous slow leak from second stage	High IP – See first st	Balance Chamber tool/ Pneumatic adjustment tool	
	15 100 50		
Inhalation effort is lower than	Reset balance chamber	Replace spring	Various
specification Specification MAGNIHELIC MAGNIHELIC			



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Symptom		Correction		Tools Needed
Inhalation effort is higher than specification	Retract adjusting knob against stop clip	Use a supply pressure of a least 1500 psi/100 bar	at Reset orifice or balance chamber	Various
MAGNI HELIC O		1000 2000 500 2500 5000 4000		
Inhalation effort is higher than specification	Replace spring	Increase IP – See first stag trouble shooting guide	ge Replace lever	Various
MAGN HENC		150 200 250 100 000 250 50 PH 350 400		
Violent free flow from Re-adjust VIVA control High IP – S second stage		See first stage trouble shooting guide	Pneumatic adjusting tool	
	MAX MIN		150 000 250 100 300 50 P 350 000 waist in the U.S.	19,000 300 100 300 00 feet 300 400 400 Miles Teet 20 Miles



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Symptom		Corre	ection		Tools Needed
Violent free flow from	Replace poppet, o'ring, seat	Replace orifice/o'ring		Readjust orifice or balance	Various
second stage	or spring	-		chamber	
			▶ ₩₩		
VIVA does not provide	Retract adjusting knob agai	nst stop clip	Readjust o	orifice or balance chamber	Various
continuous flow of air at the					
MAX setting					
MAX MIN					
VIVA does not provide	Check VIVA vane for correct			Replace lever	Various
continuous flow of air at the	crescent facing diaph	ragm			
MAX setting MAX MIN					