



		AUR	Riello 3007800	
Applications	Fuel	Type	Kerosene, light oil, B10	Kerosene, light oil
	Piston valve	Function	Pressure regulation and cut-off	Pressure regulation and cut-off
	Installation	2-pipe	Pump is delivered for 2-pipe installation (By-pass plug is inserted in return port)	Pump is delivered for 2-pipe installation (By-pass plug is inserted in return port)
		1-pipe conversion	By-pass plug must be removed from return port with a 4 mm Allen Wrench. Inlet port must be sealed with a steel plug and washer	By-pass plug must be removed from return port with a 2,5 mm Allen Wrench. Inlet port must be sealed with a steel plug and washer

General Data	Mounting	Type	hub mounting	hub mounting
		Hub diam.	32 mm	32mm
	Connections threads	Type	Cylindrical according to ISO 228/1	Cylindrical according to ISO 228/1
		Inlet	G 1/4	G 1/4
		Return	G1/4	G1/4
		Nozzle outlet	G1/8	G1/8
		Pressure ports	G1/8	G1/8
		Air dumper driving port	M1x8	M1x8
		Vacuum pressure port	G1/8	G1/8
	Strainer	Open area	6 cm ²	5,8 cm ²
		Filtering area	18 cm ²	14,5 cm ²
		Opening size	150 µm	160 µm
	Shaft	Diam	8 mm	8 mm
	Rotation (seen from shaft end)	clockwise rotation	clockwise rotation	
Nozzle location	Seen from shaft end	right hand nozzle	right hand nozzle	

The AUR pump can be fitted on following burners :

Riello R40

Riello RC2

Mectron M1->M15

Hydraulic Data	Nozzle pressure	Pressure range	7-14 bars	7-15 bars
		Delivery setting	12 bars	12 bars
	Nozzle flow	@12 bars, 5 cSt, 2850 rpm	37 l/h	36 l/h
	Viscosity range	Operating viscosity	1,8 - 12 mm ² /s (cSt)	1,8 - 12 mm ² /s (cSt)
	Oil temperature	in the pump	0-60 °C	-10 ..+70°C
	Inlet pressure	max	2 bars	0,4 bars
	Return pressure	max	2 bars	0,4 bars
	Suction height	Vacuum	0,45 bars max	<0,45 bars
	Rated speed	max	3600 rpm	3600 rpm
	Torque	(@ 45 rpm)	0,1 m.N	0,1 m.N