



AIRMIX ® Pump

10-14

TECHNICAL FEATURES

ORIGINAL MANUAL

IMPORTANT : Read and understand all documents before storing, installing and start-up concerned equipment (professional use only).

PICTURES AND DRAWINGS ARE NOT CONTRACTUAL. THE MATERIAL MAY BE CHANGED WITHOUT PRIOR NOTICE

KREMLIN - REXSON

150, avenue de Stalingrad

93 245 - STAINS CEDEX – France

☎ : 33 (0)1 49 40 25 25 **Fax** : 33 (0)1 48 26 07 16

www.kremlin-rexson.com

1. DESCRIPTION

- Compact pneumatic pump
- Ease of use and maintenance

Recommended for :

- Supplying an AIRMIX ® spray gun
- Solvanted paints, inks, Epoxy, Adhesives, high dry extract and water-based paints (material viscosity : 80 to 530 mPa.s)

2. TECHNICAL FEATURES

Motor type340-2
 Pump body type14
 Theoretical pressure ratio10/1
 Real pressure ratio10/1

Wetted parts :

Hard chrome stainless steel,
 Stainless steel.

Air motor stroke	45 mm	1" - 25/32
Air motor section	35 cm ²	5.5 sq.in
Fluid section	3,9 cm ²	0.6 sq.in
Delivery per cycle	18 cc	0.6 oz
Number of cycle	55 per liter	210 per gallon
Fluid delivery (30 cycles)	0,53 l	0.135 US gal
Air pressure operating range	0 - 6 bar	0 - 87 psi
Maximum discharge pressure	60 bar	870 psi
Noise level	80 dBa	80 dBa
Maximum operating temperature	60°C	140°F

Tightness packings	Upper, fixed	Lower, mobile
Standard	Stainless steel cartridge with GT seal	PFA seal
optional	Stainless steel cartridge with seal, charged PTFE (recommended for : - fluid with a viscosity lower than 30 Cps - or solvents with a motor air pressure lower than 2,5 bar / 36.26 psi - or fluids very hard to flush, like PU)	Polyacetale seal

Weight (wall mounted pump without suction rod) 5,3 kg / 12 Lbs

■ FITTINGS

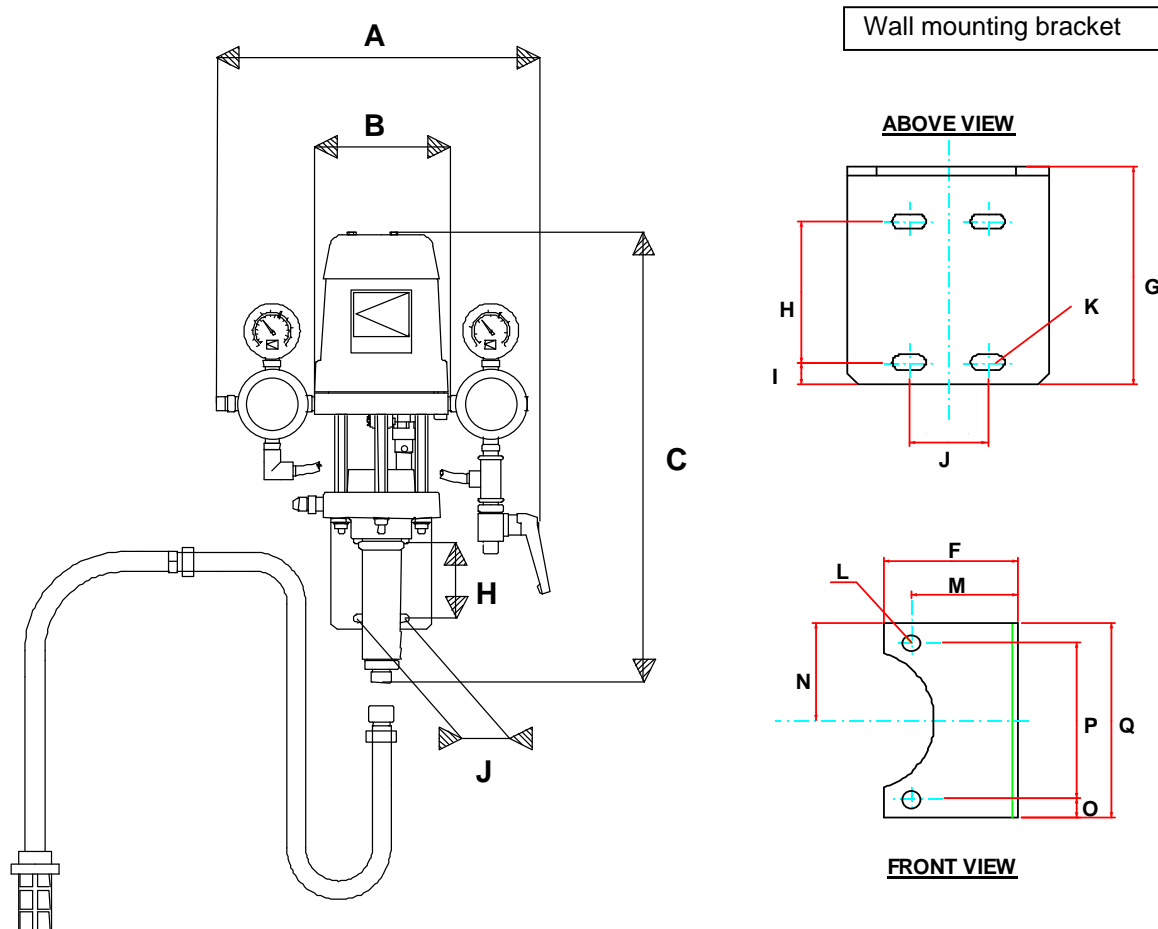
		Bare pump	Pump assembly
Air	Inlet	F 1/4 BSP	F 3/8 BSP (valve)
	Outlet	-	M 1/4 NPS (air outlet)
Fluid	Inlet	M 18 x 125	Suction rod
	Outlet	F 1/4 NPS	M 1/2 JIC

■ HOSES WITH FITTINGS

Pump air supply hose (minimum Ø for a 5m / 16 ft length) :	Ø 7 mm
Air hose (between "AIR GUN" air regulator and spray gun) :	Ø 7 mm int.
AIRMIX ® fluid hose (between fluid outlet of the pump and spray gun) :	Ø 4,8 mm int.

■ DIMENSIONS

Ind.	mm	Inch.	Ind.	mm	Inch.	Ind.	mm	Inch.	Ind.	mm	Inch.	Ind.	mm	Inch.
A	292	11.5	B	Ø 120	Ø 4.7	C	410	16.14	F	60	2.36	G	35	1.38
H	65	2.56	I	10	0.4	J	35	1.38	K	Ø 7x15	0.27x0.6	L	Ø 7	Ø 0.27
M	48	1.9	N	45	1.8	O	9	0.35	P	72	2.83	Q	90	3.6

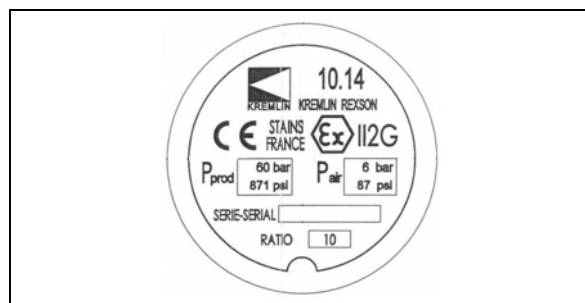


3. INSTALLATION

The pumps are designed to be installed in a spray booth.

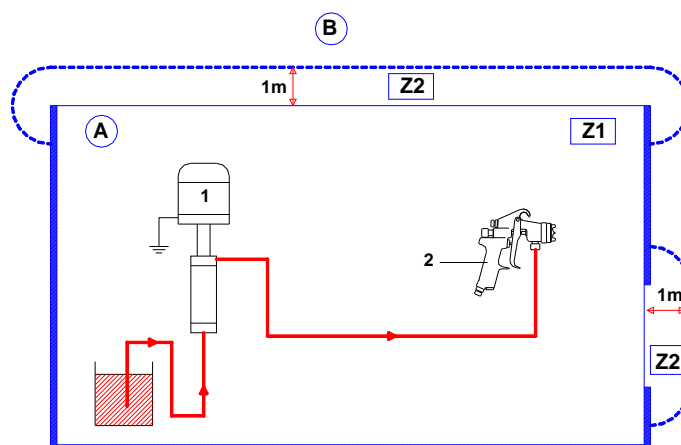
DESCRIPTION OF THE LABEL MARKING

Marking in accordance with the ATEX directive.



KREMLIN Logo	Manufacturer label
KREMLIN REXSON 93240 STAINS FRANCE	Name and address of the manufacturer
TYPE 10-14	Pump model
Ex II 2 G	<p>II : group II 2 : class 2</p> <p>Surface equipment meant to area where explosive atmospheres due to gas, vapours, mists are liable to appear from time to time in usual operating.</p> <p>G : gas</p>
P prod 60 bar / 871 psi	Maximum fluid pressure at the pump outlet
P air : 6 bar / 87 psi	Air supply maximum pressure of the pump motor
N° Serie /Serial Nb	Number given by KREMLIN REXSON. The two first numbers indicate the manufacturing year.
RATIO 10	Pump pressure ratio

INSTALLATION DIAGRAM



Rep.	Description
A	Explosive area area 1 (Z1) or area 2 (Z2) : spray booth
B	Non explosive area

Rep.	Description
1	Pump
2	Spray gun