



IT IS FORMALLY PROHIBITED TO CONNECT UTILITIES HAVING A PRESSURE HIGHTER THAN THE ALLOWABLE MAXIMUM PRESSURE OF THE RETORT CHAMBER

CAUTION: Water used in the retort should not exceed 0.5 ppm chlorine ions

For each installation, take care of the following:

- 1- Fit-up a filter mesh 0.25 and a manual isolating valve upstream of services inlets to the machine of a nominal diameter higher than valves nominal diameter (DN).
- 2- Make the drawing of General Arrangement and Pipework you have been submitted.
- 2- Do not forget to fit steam condensate traps close the manual isolating valve and also close to all low levels of the piping.
- 3- Respect the maximum allowable pressure of the steam mentioned in the technical features of the General Arrangement Drawing.
- 4- Take care too that in the pipework made on site there are no particles (welding pieces, dust, etc. ...)
- 5- The connection of pipes to valves and fittings of the retort should be completed taking into account the following:
 - Expansions resulting from Temperature variations
 - Weight of pipes

This in order to reduce stresses on components of the retort.

If these conditions are not respected, we shall not guarantee any damaged valves and parts.

. TOTAL INSTALLED POWER : 32 Kw		(3x415 V ^{+1-5%} + 1x 100...240V - 50 Hz)
Pump P2:	11 Kw	
Ventilator Fan:	11 Kw	
Control console:	1 Kw	
Driving Motor:	7.5 Kw	
Hydraulic group:	1.5 Kw	

INSTANTANEOUS FLOW RATES * PRESSURE:

Steam:..... 2200. Kg/h ...5. bar max To reduce
 according to use, a steam pressure reducer is extremely recommended.
 Cooling water (25°)50. m3/h ...5. bar max
 (exchanger)
 Process water.....25 m3/h ... 3.5 bar mini / 5 bar max
 Air.....350.Nm3/h5. bar max
 (minimum tank 3000 Liters for 1 retort and 8000 liters for 4 retorts)

. CONSUMPTION per cycle *:

Steam:	307 Kg
Cooling water:	168 Kwh
Process water:	0.7 m3
Air:	50 Nm3

(*) : Theoretical calculation. Non contractual datas to be validated on site according to use.

. WEIGHT

Retort empty:	10400 Kg
Retort filled up with water for test:	24400 Kg

. MAXIMUM FLOOR LOADING: 1.7Kg/Cm2

. The fixing of the retort should be made onto the foot at steam entry side

Modification coffret SU (coffret étanche)	namboise	19/12/2017	03
Socle arrière décalé de 25mm sur RA423	namboise	02/11/2017	02
Ajout option F0	namboise	11/09/2017	01
Edition originale	namboise	28/08/2017	00
MODIFICATION	DESS. PAR	APPR. PAR	DATE
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285 impasse Nicola
Appert ZI Montcham
26780 MALATAVER
FRANCE

Titre : TUYAUTERIE EXTERIEURE AUTOCLAVE RA1800 x 5 P
GENERAL LAY-OUT AND PIPEWORK RA1800X5 B

Article :	Masse :
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Nº: **RA420-TUY-01**

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