



**CRIO&ENG S.R.L.**

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**WATER CO2 VAPORIZER WITH  
ONE ELECTRICAL RESISTANCE**

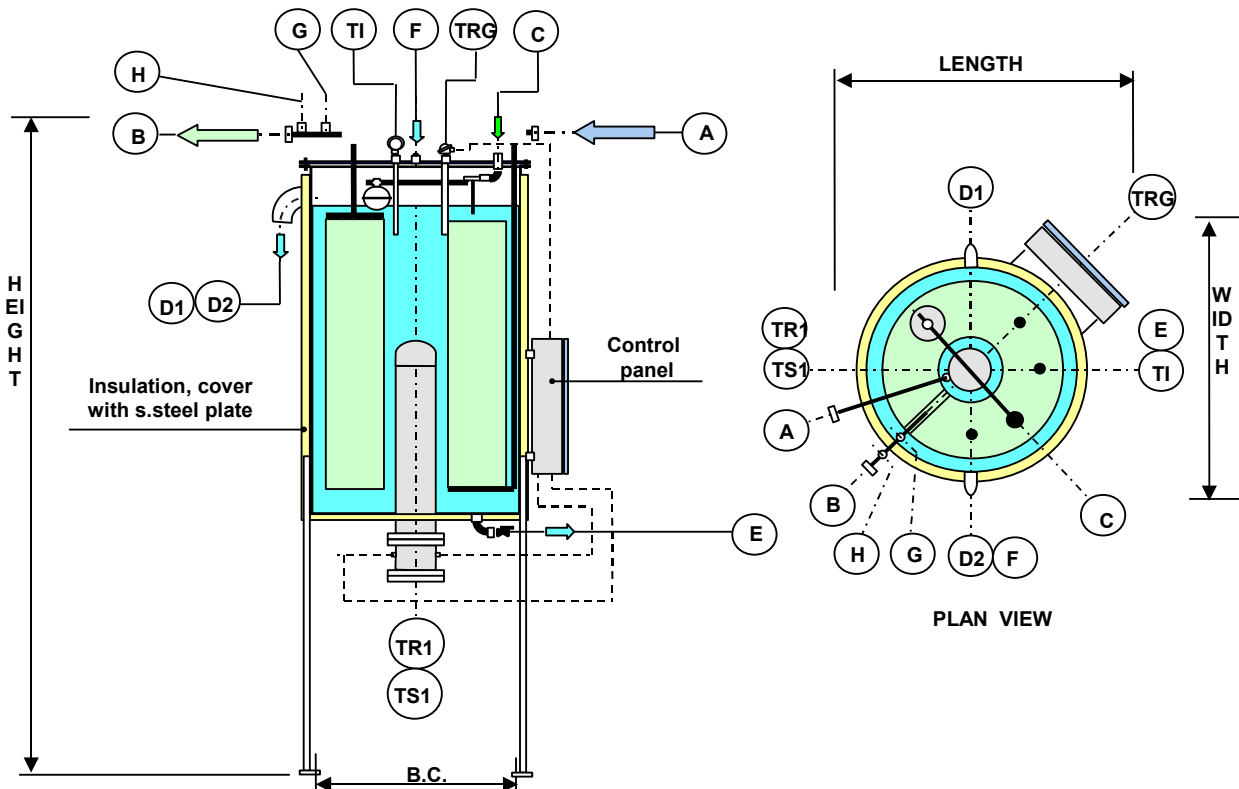
CLIENT		JOB. N°				SPECIFICATION N° 005-2000AR	
<b>TYPE</b>		<b>100</b>	<b>200</b>	<b>300</b>	<b>400</b>	<b>500</b>	<b>1.000</b>
<b>FLOW RATE KG/h</b>		<b>100</b>	<b>200</b>	<b>300</b>	<b>400</b>	<b>500</b>	<b>1.000</b>
<b>FLOW RATE Nm3/h</b>		<b>50</b>	<b>100</b>	<b>150</b>	<b>200</b>	<b>250</b>	<b>500</b>
<b>Pos.</b>	<b>CONNECTIONS LIST AND OVERALL DIMENSIONS</b>						
<b>A</b>	liquid inlet	Flange UNI PN 64	ND 15	ND 15	ND 15	ND 15	ND 20
<b>B</b>	Gas outlet	Flange UNI PN 64	ND 15	ND 15	ND 20	ND 25	ND 40
<b>C</b>	Water inlet with float valve		ND 15	ND 15	ND 20	ND 20	ND 25
<b>D</b>	Overflow water outlet		ND 25	ND 25	ND 25	ND 40	ND 50
<b>E</b>	Drain		ND 15	ND 15	ND 15	ND 15	ND 15
<b>F</b>	Water/glicole Filling		ND 20	ND 20	ND 20	ND 20	ND 20
<b>G</b>	Vent connection		ND 15	ND 15	ND 15	ND 15	ND 15
<b>H</b>	Pressur indicator connection		ND 15	ND 15	ND 15	ND 15	ND 15
<b>TI</b>	Temperature indicator connection		ND 15	ND 15	ND 15	ND 15	ND 15
<b>TS1</b>	Safe thermostat connection		/	/	/	/	/
<b>TRG</b>	Thermoregulator connection		ND 15	ND 15	ND 15	ND 15	ND 15
<b>X</b>	Height	mm	1900	2100	3030	2730	3280
<b>Y</b>	Length	mm	750	850	850	950	1200
<b>Z</b>	Width	mm	600	700	700	800	1000
<b>B.C.</b>	Bolts circle	mm	Dia.400	Dia.500	Dia.500	Dia.600	Dia.850

**DESIGN DATA**

DATA	SHELL SIDE	PROCESS SIDE
DESIGN PRESSURE	bar	ATM
DESIGN TEMPERATURE	°C	-100 /+ 100
WORKING PRESSURE	bar	ATM
WORKING TEMPERATURE	*C	+ 60/90
TYPE OF FLUID	WATER	CO2
HYDRAULIC TEST	bar	ATM

<b>TR1</b>	<b>ELECTRICAL RESISTANCE POWER KW</b>	<b>9,2</b>	<b>18,4</b>	<b>27,6</b>	<b>36,8</b>	<b>46</b>	<b>92</b>
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**C&E Can supply electrical vaporizer having design pressure process side up to 250 bar**



0	Issued for quotation				
REV.	DESCRIPTIONS	DRAF.	DATE	CHECK.	DATE

