

TECHNICAL SPECIFICATION FOR HIGH PRESSURE AMBIENT VAPORIZER

CLIENT: _____ JOB N° : _____ MATERIAL PROCESS TUBES S.S. AISI 304-JACKET WITH ALLUMINIUM FINNED TUBES Specification N° 007-2000AR-1

TYPE	SURFACE m2	TUBES Q.ty x Lenght	FLOW RATE Nm3/h (8hour)			ARRANGEMENT OF TUBES	QUANTITY OF SUPPORTS	Weight KG	CLEARANCE DIMENSION hig. x wid.x leng.mm	CONNECTIONS		PRICE LIST EURO
			O2	N2	Ar					OUTLET	INLET	
R280 -120/3	44	12 x 3000	132	152	162	4 x 3	2 LEGS	200	3770 x346 x 1413	Dis.N°C&E-D-708	Dis.N°C&E-D-708	
R280 -160/3	59	16 x 3000	177	204	218	4 x 4	4 LEGS	240	3770 x 798 x 858	Dis.N°C&E-D-708	Dis.N°C&E-D-708	
R280 -200/3	73	20 x 3000	219	252	269	5 x 4	4 LEGS	300	3770 x 798 x 1084	Dis.N°C&E-D-708	Dis.N°C&E-D-708	
R280 -240/3	88	24 x 3000	264	304	325	6 x 4	4 LEGS	360	3770 x 798 x 1310	Dis.N°C&E-D-708	Dis.N°C&E-D-708	
R280 -280/3	102	28 x 3000	306	352	376	7 x 4	4 LEGS	420	3770 x 798 x 1536	Dis.N°C&E-D-708	Dis.N°C&E-D-708	
R280 -300/3	110	30 x 3000	330	380	406	6 x 5	4 LEGS	450	3770 x 1250 x 1084	Dis.N°C&E-D-708	Dis.N°C&E-D-708	
R280 -320/3	117	32 x 3000	351	404	432	8 x 4	4 LEGS	480	3770 x 798 x 1762	Dis.N°C&E-D-708	Dis.N°C&E-D-708	
R280 -360/3	132	36 x 3000	396	456	487	6 x 6	4 LEGS	540	3770 x 1250 x 1250	Dis.N°C&E-D-708	Dis.N°C&E-D-708	
R280 -400/3	146	40 x 3000	438	504	539	10 x 4	4 LEGS	600	3770 x 798 x 2214	Dis.N°C&E-D-708	Dis.N°C&E-D-708	
R280 -500/3	183	50 x 3000	549	632	675	10 x 5	4 LEGS	750	3770 x 1024 x 2214	Dis.N°C&E-D-708	Dis.N°C&E-D-708	
R280 -600/3	220	60 x 3000	660	760	812	10 x 6	6 LEGS	900	3770 x 1250 x 2214	Dis.N°C&E-D-708	Dis.N°C&E-D-708	
R280 -640/3	234	64 x 3000	702	808	863	8 x 8	6 LEGS	960	3770 x 1702 x 1702	Dis.N°C&E-D-708	Dis.N°C&E-D-708	
R280 -700/3	256	70 x 3000	768	884	945	10 x 7	6 LEGS	1050	3770 x 1476 x 2214	Dis.N°C&E-D-708	Dis.N°C&E-D-708	
R280 -800/3	293	80 x 3000	879	1012	1081	10 x 8	6 LEGS	1200	3770 x 1702 x 2214	Dis.N°C&E-D-708	Dis.N°C&E-D-708	

DESIGN DATA	
DESIGN PRESSURE	320 bar
DESIGN TEMPERATURE	-196°C+100°C
MAX WORKING PRESS.	320 bar
WORKING TEMPERAT.	-196°C+50°C
TYPE OF FLUID	ALL FLUID
HYDRAULIC TEST	400 bar

FLOW FOR 1 m2 OF SURFACE		
O2 = 3	N2 = 3,455	Ar = 3,69

NOTE:

