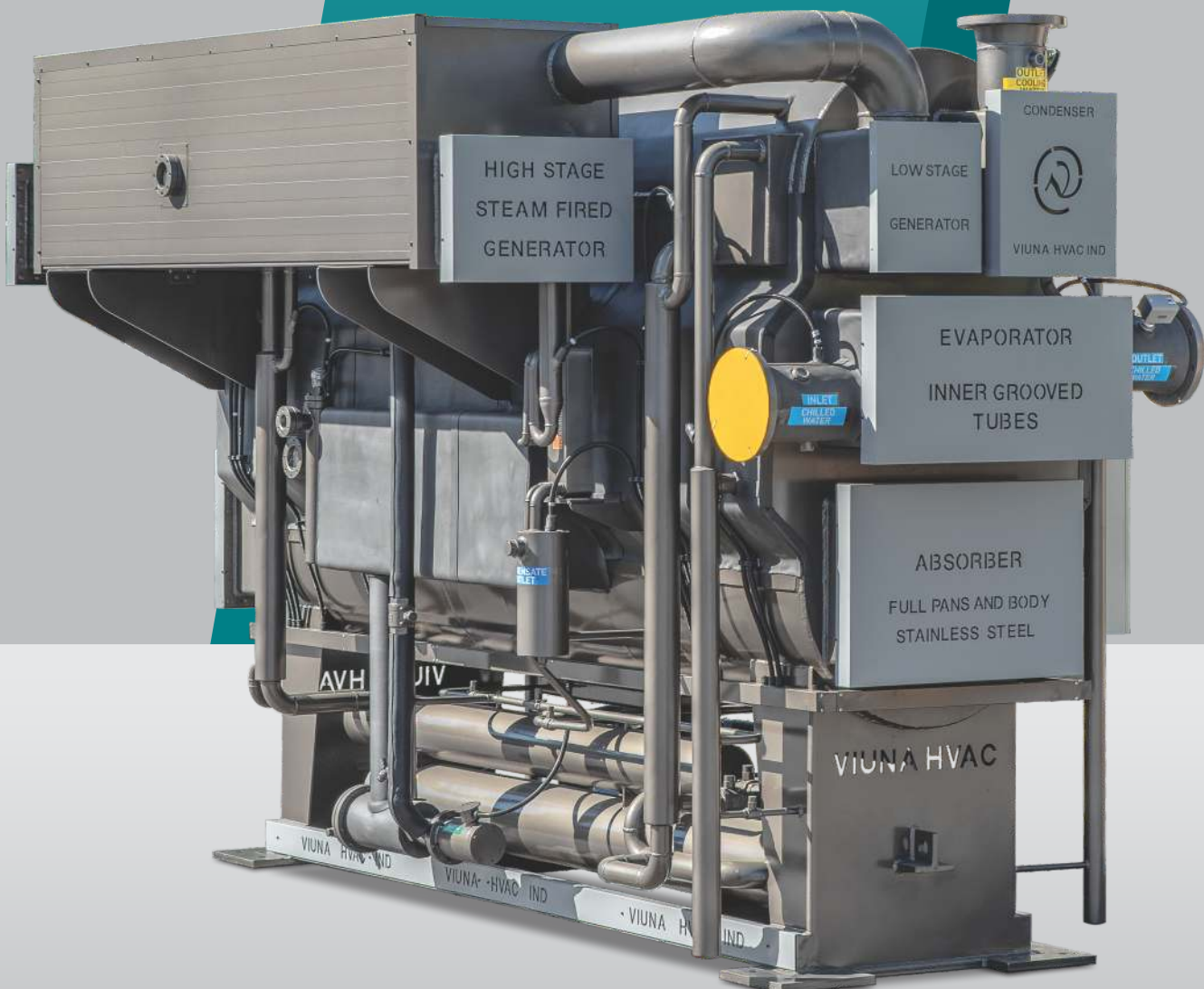
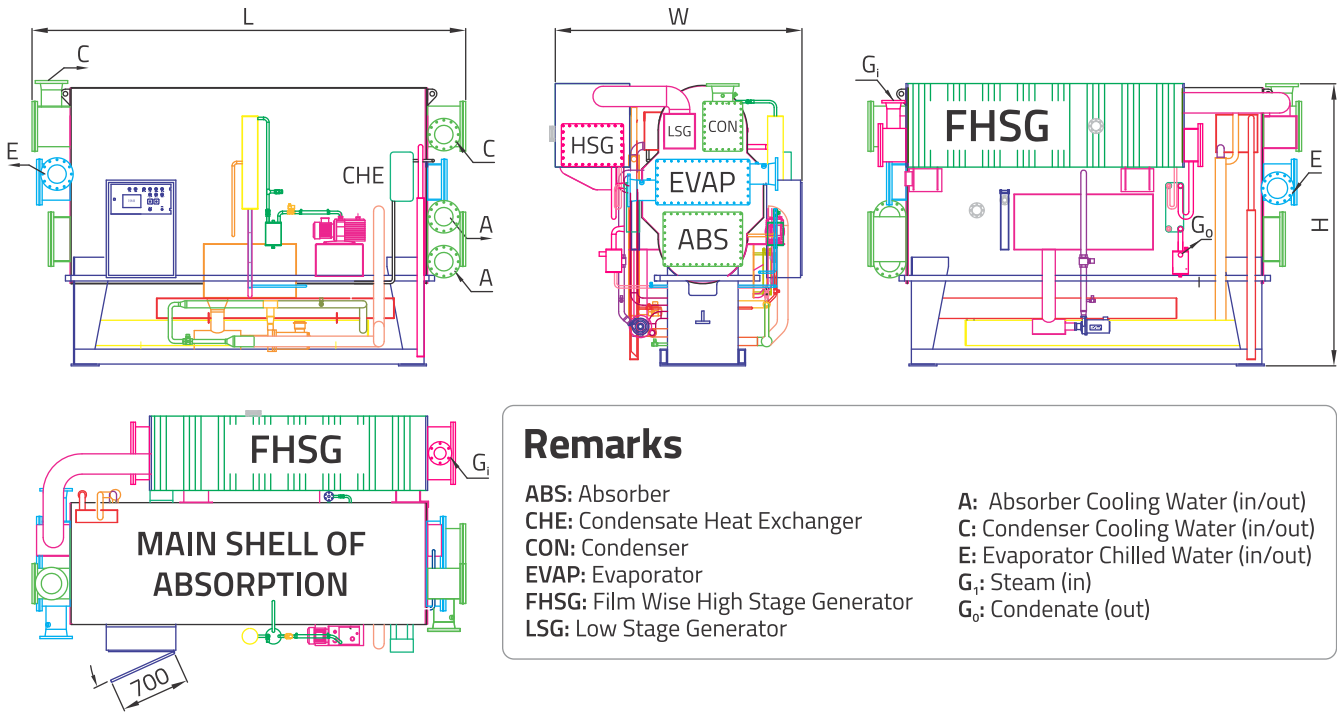




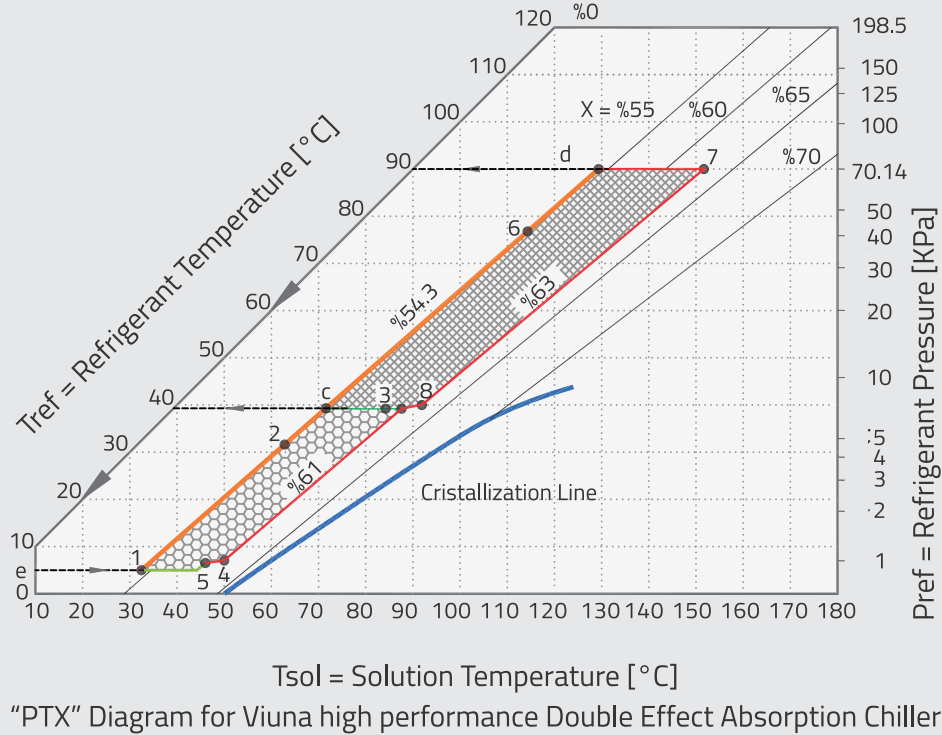
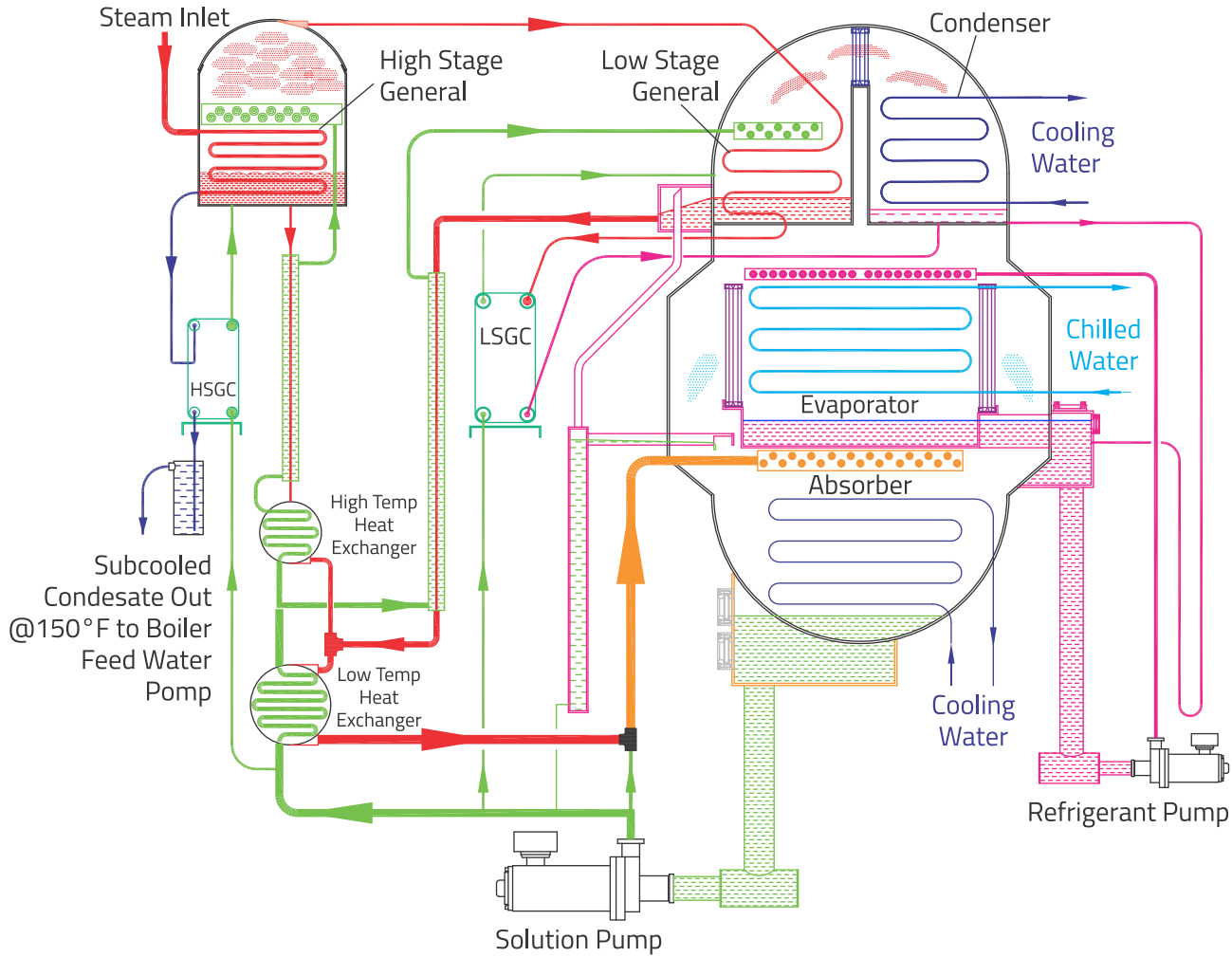
Viuna
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***Viuna Double⁺⁺ Effects
Steam Fired Absorption
Chiller***





COP = 1.3 ε _v = 1.9			Medium Models				Large Models						Heavy Models			Super Models			
Model No. VDESTH			070	090	110	125	140	180	220	250	280	330	350	440	550	600	700	900	1100
Cooling Capacity [USRtons]			200	250	300	350	400	500	600	700	800	900	1000	1250	1500	1750	2000	2500	3000
Chilled water evaporator data (54 °F → 44 °F) [Fouling factor: 0.25 (R.ft²/MBH)]																			
Chilled Water	Flow Rate	GPM	480	600	720	840	960	1200	1440	1680	1920	2160	2400	3000	3600	4200	4800	6000	7200
	DP	psi	10	8	10	12	10	12	14	12	14	14	12	12	14	14	12	14	16
	In/Out	Inch	6	6	6	8	8	8	8	10	10	12	12	12	14	14	16	18	20
Cooling water absorber and condenser data (85 °F → 95 °F) [Fouling factor: 0.5 (R.ft²/MBH)]																			
Cooling Water	Flow Rate	GPM	840	1050	1260	1470	1680	2100	2520	2940	3360	3780	4200	5250	6300	7350	8400	10500	12600
	DP	psi	7	6	7	8	7	8	7	8	9	10	10	12	12	14	12	14	14
	In/Out	Inch	6	8	8	10	10	10	10	12	12	12	14	14	16	16	18	20	22
Steam fired generator data (75psig, 320 °F → 185 °F)																			
Steam Water	Heat Capacity	MBH	1850	2313	2775	3238	3700	4625	5550	6475	7400	8325	9250	11563	13875	16188	18500	23125	27750
	Flow Rate	Lb/hr	1800	2250	2700	3150	3600	4500	5400	6300	7200	8100	9000	11250	13500	15750	18000	22500	27000
	DP	psi	0.3	0.4	0.3	0.4	0.5	0.5	0.6	0.7	0.7	0.8	0.8	0.9	1	1.2	1.2	1.4	1.5
	Inlet	Inch	2½	2½	3	3	3	3	4	4	5	5	5	6	6	6	2×5	2×6	2×6
	Out	Inch	¾	¾	1	1	1¼	1¼	1¼	1½	1½	2	2	2	2	2½	2½	3	3
Electrical Consumption		kW	5	6	7	8	9	10	10	10	11	11	12	14	16	16	19	22	24
Dimension Data	Length	m	3.5	3.8	3.8	4	4.1	4.3	4.4	4.7	5.2	5.2	5.8	6.3	6.9	7.6	7.8	8.3	9
	Height	m	2.4	2.4	2.5	2.6	2.8	2.9	3	3.2	3.3	3.5	3.6	3.6	3.8	4	4	4.4	4.5
	Width	m	2.4	2.4	2.5	2.6	2.8	2.9	3	3.2	3.3	3.3	3.4	3.4	3.5	3.5	3.7	4	4.2
	Tube Rem.	m	3	3.3	3.3	3.5	3.5	3.7	3.7	4	4.4	4.4	5	5.5	6	6.6	6.6	7	7.7
	Unit Ship W.	t	7	8	9	10	11	12	14	16	18.5	21	24	26.5	30	34	39	43	50
	Unit Oper. W.	t	10	12	13	15	16	18	21	23.5	26	30	34	36	40	45	50	57	62





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