



CVE Feedwater Skid								
Model		Vent line NPT	Condensate return line NPT	Dimensions			Weight* approx. lbs	Electrical connection data
				inch				
bhp				Height A	Width B	Depth C		
Junior	max. 32	2"	1 1/4"	77	51	33	3500	0.84 Hp / 1.2 A 460 V, 3 ph, 60 Hz wye, grounded
Universal	max. 43	4"	2"					
Universal	max. 134							
Multiple Unit	max. 200			91	87	47	7000	
Multiple Unit	max. 360							
Multiple Unit	max. 536							

*Depends on optional equipment chosen.

CVE – CERTUSS Verified Equipment											
Model		For steam generators with steam output lbs/hr	Fresh Water NPT	Drain NPT	Rinsing Water (softening) NPT	Blow- down line NPT	Start dewatering line NPT	Steam Separator (flanged)			
Junior	80 – 400	185–923	1"	2"	1/2"	3/4"	1 1/4"	1" class 300			
Univer- sal	500 – 650	1154–1433				1"	2"	1/2"	1"	1 1/2"	1 1/2" class 300
	700 – 1300	1543–2866				1"	2"	1/2"	1"	1 1/2"	2" class 600
	1500 – 2000	3307–4409				1"	2"	1/2"	1"	1 1/2"	2 1/2" class 600

Feed water tank (directly heated)						
Model bhp		Dimensions Inch		Weight lbs		Volume
		Diameter D	Length L	Empty	Waterfilled	Water gal.
Junior	max. 32	20	42	88	377	41.5
Universal	max. 43					
Universal	max. 134	24	44	121	522	67
Multiple Unit	max. 200	32	65	243	1477	181
Multiple Unit	max. 360	39	73	430	2332	308
Multiple Unit	max. 536	47	88	551	4330	534

Blowdown vessel (stainless steel)									
Model			Dimensions Inch			Weight lbs		Volume gal	
			Diameter D	Height H	Total height TH	Empty	Water-filled	Total	Water
Junior	80 – 400	13 gal	14	27	33	44	148	19	12
Universal	500 – 650								
Universal	700 – 2000	26 gal	18	28	34	60	243	35	22

Chemical device		
Model	Discharge capacity	
	gal/h	gal/stroke
Beta 4b 1000	0.20	0.018
Beta 4b 1004	0.95	0.092

Requirements and Responsibilities

Required distance between Gas train main line and gas regulator:

Factory requirement min. 5 times of the gas connection pipe diameter; check gas regulator manufacturer's requirements and local codes / -regulations

Required compressed air flow at main line of each boiler:

87 psi (6 bar); 6,6gal/min (25l/min); connection size: 1/4" NPS

Required dynamic water flow pressure at main line of CVE:

60 – 100 psi (4-7bar); connection size :1" NPS; amount depending on frame sizes