

Example 15.2

Result

	T/K	P/kPa	H/kJ/Kg	S/kJ/kg/K
!Superheated Vapor !	300.	1.	1199.8	11.629
!Superheated Vapor !	300.	60.	1140.	9.359
!Superheated Vapor !	207.1	60.	772.	7.798
!Saturated Liquid !	111.5	1.	285.4	4.962
!Saturated Vapor !	111.5	1.	796.9	9.523
!Superheated Vapor !	295.	1.	1188.9	11.589
	Si	%		
!Compression/Cooling !	1.2627	40.		
!Exchanger !	0.3879	12.3		
!Throttle !	1.5033	47.7		
Sum	3.1539	100.		
	Wi	%		
!Ideal !	53.8	5.4		
!Compression/Cooling !	378.8	37.9		
!Exchanger !	116.4	11.6		
!Throttle !	451.	45.1		
Sum	1000.	100.		