



CHC1050 with HC1022 Compressor

DISCHARGE PRESSURE Max ΔP: 225 psi / 1550 kPa													
PSI kPa	75	100	125	150	175	200	225	250	275	300	325	350	
	520	700	860	1035	1205	1380	1550	1725	1900	2070	2240	2420	
SUCTION	5 35	100 2.8	95 2.7	91 2.6	87 2.5	83 2.4	79 2.3	75 2.1					
	10 70	130 3.7	125 3.6	121 3.5	117 3.3	112 3.2	108 3.1	104 3.0					
	15 105	160 4.6	156 4.5	151 4.3	147 4.2	147 4.2	138 3.9	134 3.8					
	20 140	191 5.5	186 5.3	181 5.2	177 5.1	172 4.9	168 4.8	164 4.7					
	30 210	252 7.2	247 7.1	242 6.9	237 6.8	233 6.6	228 6.5	223 6.4	219 6.3				
	40 275	314 9.0	308 8.8	303 8.7	298 8.5	293 8.4	288 8.2	284 8.1	279 8.0				
	50 345	376 10.7	370 10.6	364 10.4	359 10.3	354 10.1	349 10.0	344 9.8	339 9.7	334 9.5			
	75 520		525 15.0	519 14.8	513 14.6	507 14.5	501 14.3	496 14.1	491 14.0	485 13.9	480 13.7		
	100 700			674 19.3	667 19.1	661 18.9	655 18.7	649 18.5	643 18.4	637 18.2	632 18.1	626 17.9	
	125 860				823 23.5	816 23.3	809 23.1	802 22.9	799 22.8	790 22.6	783 22.5	773 22.1	
	150 1035					972 27.8	964 27.6	957 27.3	950 27.2	944 27.0	937 26.8	931 26.6	925 26.4
	175 1205						1120 32.0	1113 31.8	1105 31.6	1098 31.4	1091 31.2	1084 31.0	1078 30.8
200 1380							1269 36.3	1261 36.0	1254 35.8	1246 35.6	1239 35.4	1232 35.2	

Projected Performance based on 2500 ft, gas density .665, temp 68°F – Flow Rates in mscfd e³m³/day

CHC1050 with HC1028 Compressor

DISCHARGE PRESSURE Max ΔP: 380 psi / 2620 kPa													
PSI kPa	250	275	300	325	350	375	400	425	450	475	500	525	
	1725	1900	2070	2240	2420	2585	2760	2930	3100	3275	3450	3620	
SUCTION	5 35	41 1.2	39 1.1	36 1.0	34 1.0	32 0.9	30 0.9						
	10 70	58 1.7	56 1.6	53 1.5	52 1.5	49 1.4	47 1.3						
	15 105	75 2.2	73 2.1	71 2.0	68 2.0	66 1.9	64 1.8						
	20 140	93 2.7	90 2.6	88 2.5	86 2.4	83 2.4	81 2.3	78 2.2					
	30 210	128 3.7	125 3.6	123 3.5	120 3.4	118 3.4	115 3.3	113 3.2					
	40 275	163 4.7	161 4.6	158 4.5	155 4.4	157 4.5	150 4.3	148 4.2					
	50 345	199 5.7	196 5.6	193 5.5	191 5.4	188 5.4	185 5.3	183 5.2	180 5.1				
	75 520	288 8.2	285 8.1	282 8.0	279 8.0	276 7.9	273 7.8	271 7.7	268 7.7	265 7.6			
	100 700	378 10.8	374 10.7	371 10.6	368 10.5	365 10.4	362 10.3	359 10.3	356 10.2	353 10.1	350 10.0		
	125 860	468 13.4	464 13.3	460 13.2	458 13.1	454 13.0	451 12.9	448 12.8	445 12.7	442 12.6	439 12.5	436 12.5	
	150 1035	558 16.0	555 15.8	551 15.7	547 15.6	544 15.5	541 15.5	538 15.4	534 15.3	531 15.2	528 15.1	524 15.0	521 14.9
	175 1205	649 18.5	645 18.4	641 18.3	638 18.2	634 18.1	630 18.0	627 17.9	624 17.8	620 17.7	617 17.6	613 17.5	610 17.4
200 1380	740 21.2	736 21.0	732 20.9	728 20.8	724 20.7	721 20.6	717 20.5	713 20.4	710 20.3	706 20.2	703 20.1	699 20.0	

Projected Performance based on 2500 ft, gas density .665, temp 68°F – Flow Rates in mscfd e³m³/day