

PERFORMANCE & DATA RECAP (HYBRID SYSTEM DESIGN CRITERIA)																				
CGACDS SCROLL SERIES CHILLER																				
	Hybrid	COMPRESSOR				AHRI		NPLV DATA			WATER DATA			Sound	ELECTRICAL			PHYSICAL		
MODEL SIZE	NET TONS	NO. of COMP-CIRC	COMP. TYPE	CONTROL	Unloading Standard % - w/ HGBP	EER	IPLV	Duty Point (EER)	NPLV (EER)	NPLV 50% @ 65°F amb (EER)	EWT/ LWT (Deg °F)	WATER (GPM)	P.D. (PSIG/Ft HD)	dB(A)	Voltage Phase	RLA (AMPS)	MCA (AMPS)	MOP (AMPS)	L x W x H (INCHES)	WEIGHT POUNDS (OPER.)
10G	10.5	1-1	Scroll	Stg-HGBP	100-12.5	10.30	13.89	9.60	14.58	15.74	66/50	14.5	4.52	53	208/230-3	36	44	70	60.7 x 49.25 x 73.75	952
20G	24.2	2-1	Scroll	Stg-HGBP	50-12.5	10.28	13.90	9.60	14.51	16.20	66/50	33.1	5.52	61	208/230-3	87	96	125	99 x 49.25 x 74.75	1,461
30G	30.4	2-1	Scroll	Stg-HGBP	50-12.5	10.33	14.62	9.55	15.46	17.24	66/50	41.2	5.62	62	208/230-3	107	119	150	99 x 52.75 x 88.5	1,858
40G	48.6	4-2	Scroll	Stg-HGBP	25-12.5	10.39	14.29	9.69	14.57	16.39	66/50	66.4	7.19	64	208/230-3	170	179	200	115.75 x 89 x 87.5	3,203
50G	59.9	4-2	Scroll	Stg-HGBP	25-12.5	10.32	14.95	9.50	15.67	16.76	66/50	88.1	6.86	65	208/230-3	214	226	250	115.75 x 89 x 87.5	3,863
60G	70.0	4-2	Scroll	Stg-HGBP	25-12.5	10.25	15.50	9.35	16.00	17.54	66/50	94.7	7.06	65	208/230-3	266	284	350	115.75 x 89 x 87.5	3,911
70G	80.9	4-2	Scroll	Stg-HGBP	25-12.5	10.21	14.05	9.23	16.10	17.44	66/50	109.4	5.45	65	208/230-3	322	340	400	115.75 x 89 x 87.5	3,936
80G	91.1	4-2	Scroll	Stg-HGBP	25-12.5	10.21	14.24	9.43	15.34	16.80	66/50	124.1	5.89	67	208/230-3	337	356	400	151.5 x 89 x 93.5	5,106
90G	100.8	4-2	Scroll	Stg-HGBP	25-12.5	10.19	14.42	9.36	14.81	15.85	66/50	137.0	5.65	67	208/230-3	349	368	400	151.5 x 89 x 93.5	5,350
100G	114.0	4-2	Scroll	Stg-HGBP	25-12.5	10.30	14.40	9.59	14.93	16.41	66/50	155.7	7.16	68	208/230-3	402	426	500	192 x 89 x 93.5	6,509
120G	124.6	6-2	Scroll	Stg-HGBP	25-12.5	10.25	13.72	9.55	14.16	15.03	66/50	169.8	7.46	68	208/230-3	456	481	500	192 x 89 x 93.5	6,836
135G	137.5	6-2	Scroll	Stg-HGBP	16.7-8.33	10.41	14.85	9.68	15.69	16.96	66/50	188.5	4.72	69	208/230-3	501	519	600	228.5 x 89 x 98.5	7,894
150G	152.3	6-2	Scroll	Stg-HGBP	16.7-8.33	10.45	14.83	9.68	15.58	16.82	66/50	208.1	5.65	69	208/230-3	519	536	600	228.5 x 89 x 98.5	7,998
165G	170.3	6-2	Scroll	Stg-HGBP	16.7-8.33	10.34	14.57	9.65	15.47	16.75	66/50	232.2	6.19	69	208/230-3	600	625	700	270.5 x 89 x 98.5	9,190
180G	188.0	6-2	Scroll	Stg-HGBP	16.7-8.33	10.44	15.00	9.72	15.86	17.09	66/50	256.8	5.96	70	208/230-3	678	703	800	270.5 x 89 x 98.5	9,752

Note: Information subject to change

- NOTES:
1. Ambient conditions @ 105°F
 2. Ratings @ Sea Level
 3. Ratings @ with 100% water (no glycol)
 4. dB(A) - Sound Pressure Level @ 10m (free field) +- 2dB(A) Tolerance
 5. Performance in accordance with AHRI Air Cooled Water Chilling Packages AHRI Standard 550/590(I-P) and Standard 551/591 (SI)
 6. Meets ASHRAE 90.1-2016 Path A & B chiller minimum efficiency guidelines
 7. Chiller ratings with scroll staged compressors
 8. Net Tons at indicated conditions
 9. For complete performance and AHRI rated computer selections please contact factory
 10. Electrical amp ratings will vary with difference ambient conditions. For alternate design condition contact factory
 11. Selections are with Plate & Frame Evaporator Heat Exchanger (Alternate Shell & Tube Available)
 12. HGBP valve installed on lead compressor for low load conditions
 13. Variable Speed Compressor Available as an Option.



SMALL SIZE CGACDS SERIES CHILLER



MEDIUM SIZE CGACDS SERIES CHILLER



SCROLL COMPRESSOR