

PERFORMANCE & DATA RECAP (AHRI PERFORMANCE SYSTEM DESIGN CRITERIA)																				
CGACDS SCROLL SERIES CHILLER																				
MODEL SIZE	AHRI	COMPRESSOR				AHRI		IPLV DATA			WATER DATA			Sound	ELECTRICAL				PHYSICAL	
	NET TONS	No. of COMP-CIRC	COMP. TYPE	CONTROL	Unloading Standard % - w/ HGBP	EER	IPLV	Duty Point (EER)	NPLV (EER)	IPLV 50% (EER)	EWT/ LWT (Deg °F)	WATER (GPM)	P.D. (Ft HD)	dB(A)	Voltage Phase	RLA (AMPS)	MCA (AMPS)	MOP (AMPS)	L x W x H (INCHES)	WEIGHT POUNDS (OPER.)
10G	11.4	1-1	Scroll	Stg-HGBP	100-12.5	10.30	13.89	---	--	14.72	54/44	24.0	11.6	53	460-3	18	22	35	60.7 x 49.25 x 73.75	952
20G	26.2	2-1	Scroll	Stg-HGBP	50-12.5	10.28	13.90	---	---	15.22	54/44	55.3	14.5	61	460-3	44	49	60	99 x 49.25 x 74.75	1,461
30G	33.0	2-1	Scroll	Stg-HGBP	50-12.5	10.33	14.62	---	--	16.13	54/44	69.6	15.0	62	460-3	50	55	70	99 x 52.75 x 88.5	1,858
40G	52.6	4-2	Scroll	Stg-HGBP	25-12.5	10.39	14.29	---	---	15.22	54/44	111.1	18.6	64	460-3	84	88	100	115.75 x 89 x 87.5	3,203
50G	65.3	4-2	Scroll	Stg-HGBP	25-12.5	10.32	14.95	---	--	15.92	54/44	137.3	18.1	65	460-3	100	105	125	115.75 x 89 x 87.5	3,863
60G	76.2	4-2	Scroll	Stg-HGBP	25-12.5	10.25	15.50	---	---	16.78	54/44	160.9	18.8	65	460-3	118	125	150	115.75 x 89 x 87.5	3,911
70G	88.1	4-2	Scroll	Stg-HGBP	25-12.5	10.21	14.05	---	--	15.95	54/44	186.4	14.7	65	460-3	136	144	175	115.75 x 89 x 87.5	3,936
80G	98.9	4-2	Scroll	Stg-HGBP	25-12.5	10.21	14.24	---	---	14.98	54/44	208.7	15.5	67	460-3	154	163	200	151.5 x 89 x 93.5	5,106
90G	109.5	4-2	Scroll	Stg-HGBP	25-12.5	10.19	14.42	---	--	15.43	54/44	231.6	15.0	67	460-3	172	181	200	151.5 x 89 x 93.5	5,350
100G	123.5	4-2	Scroll	Stg-HGBP	25-12.5	10.30	14.40	---	---	15.70	54/44	260.3	18.6	68	460-3	190	201	225	192 x 89 x 93.5	6,509
120G	135.0	6-2	Scroll	Stg-HGBP	25-12.5	10.25	13.72	---	--	14.7	54/44	284.2	19.5	68	460-3	212	223	250	192 x 89 x 93.5	6,836
135G	148.8	6-2	Scroll	Stg-HGBP	16.7-8.33	10.41	14.85	---	---	15.77	54/44	313.5	12.2	69	460-3	226	235	250	228.5 x 89 x 98.5	7,894
150G	164.9	6-2	Scroll	Stg-HGBP	16.7-8.33	10.45	14.83	---	--	15.65	54/44	348.1	14.9	69	460-3	250	259	300	228.5 x 89 x 98.5	7,998
165G	184.2	6-2	Scroll	Stg-HGBP	16.7-8.33	10.34	14.57	---	---	15.46	54/44	387.7	16.2	69	460-3	285	296	350	270.5 x 89 x 98.5	9,190
180G	203.7	6-2	Scroll	Stg-HGBP	16.7-8.33	10.44	15.00	---	--	15.90	54/44	428.8	15.6	70	460-3	318	329	350	270.5 x 89 x 98.5	9,752

Note: Information subject to change

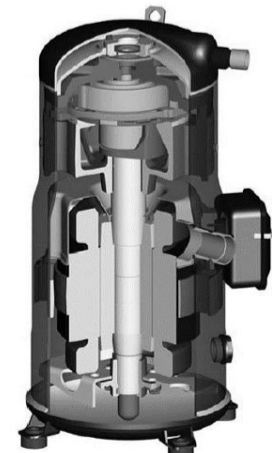
- NOTES:
1. Ambient conditions @ 95°F
 2. Ratings @ Sea Level
 3. Ratings @ with 100% water (no glycol)
 4. dB(A) - Sound Pressure Level @ 10m (free field) +- 2dB(A) Tolerance
 5. Performance in accordance with AHRI Air Cooled Water Chilling Packages AHRI Standard 550/590(I-P) and Standard 551/591 (SI)
 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