



GREENBREEZE®



EUROPE



**AIR CONDITIONING
SCROLL COMPRESSORS**

R22 Air Conditioning Scroll Compressors

Designed for reliable performance and easy integration into traditional cooling systems, the R22 series offers both single-phase (1PH) and three-phase (3PH) configurations to match your specific power supply infrastructure.

Compressor Nomenclature: GB - GREENBREEZE; R - R22; P - R410; Number - Capacity; SP - 1 Phase; TP - 3 Phase; H - High Efficiency; 50 - 50Hz 1PH, 220V/50Hz

Part Number	H/P (Nom)	Displ (cm ³)	Cond. Temp (°C)	Refrigeration Capacity Watts						Voltage	LRA	RLA
				Evaporating Temperature °C								
				-10	-5	0	+7.2	+10	+12.8			
GBR36-SP50	3.00	49.49	45	4960	5950	4760	9640	10630	11700	240	16.4	82.0
			50	4660	5630	7115	9230	10200	11230			
			55	4250	5245	6690	8750	9680	10690			
GBR42-SP50	3.33	54.22	45	5370	6470	8155	10570	11640	12830	240	17.1	100.0
			50	5090	6155	7790	10170	11230	12380			
			55	4645	5745	7340	9650	10695	11795			
GBR48-SP50	4.00	63.32	45	6650	8200	9900	12700	14050	15200	240	19.3	114.0
			50	6250	7700	9350	12050	13350	14500			
			55		7200	8800	11400	12650	13750			

Compressor Nomenclature: GB - GREENBREEZE; R - R22; P - R410; Number - Capacity; SP - 1 Phase; TP - 3 Phase; H - High Efficiency; 50 - 50Hz 3PH, 380V/50Hz

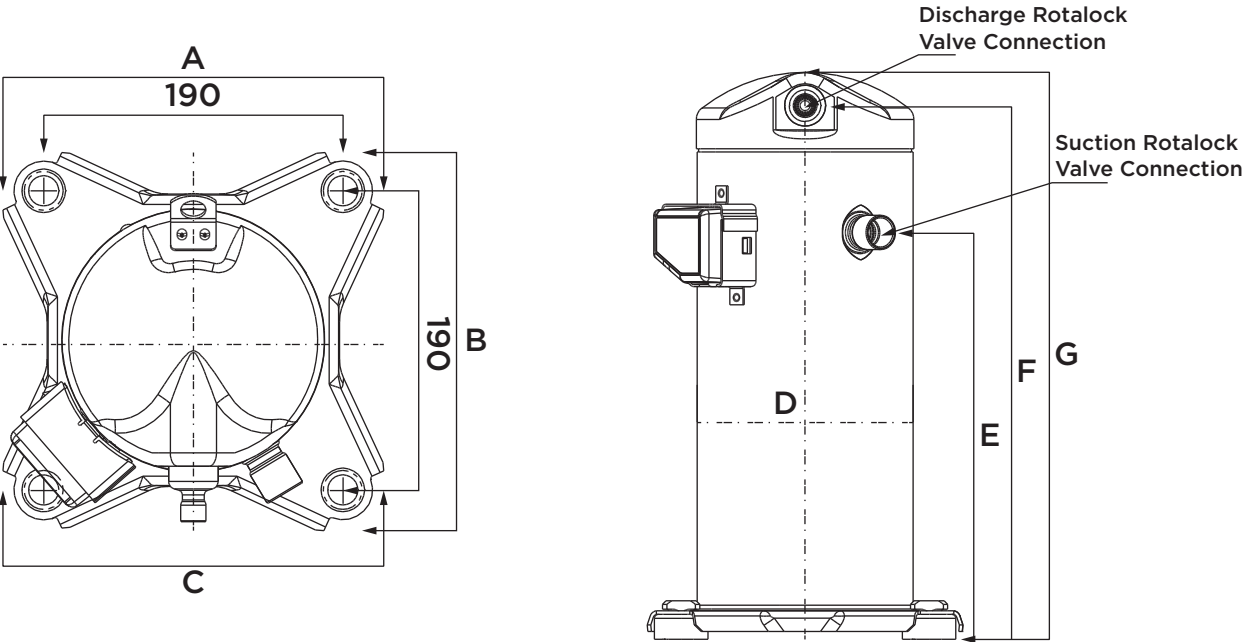
Part Number	H/P (Nom)	Displ (cm ³)	Cond. Temp (°C)	Refrigeration Capacity Watts Evaporating Temperature °C						Voltage	LRA	RLA
				-10	-5	0	+7.2	+10	+12.8			
GBR42-TP50	3.33	54.22	45	5430	6520	8180	10570	11640	12770	415	6.42	46.0
			50	5115	6180	7820	10145	11175	12290			
			55	4720	5800	7370	9650	10665	11740			
GBR48-TP50	3.33	54.22	45	6650	8200	9900	12700	14050	15200	240	17.1	114.0
			50	6250	7700	9350	12050	13350	14500			
			55	-	7200	8800	11400	12650	13750			
GBR54-TPH50	4.50	73.33	45	7640	9060	11190	14210	15590	17090	415	8.2	61.8
			50	7240	8640	10710	13670	15020	16450			
			55	6740	8140	10710	13040	14350	15710			
GBR61-TPH50	5.10	82.59	45	8660	10260	12680	16100	17590	19140	415	10.0	65.5
			50	8220	9770	12140	15500	16960	18480			
			55	7680	9250	11530	14780	16200	17710			
GBR72-TPH50	6.00	101.2	45	10040	11990	14940	19170	21090	23120	415	10.0	67.0
			50	9500	11410	14290	18450	20320	22290			
			55	8780	10700	13500	17530	19300	21270			
GBR81-TPH50	6.75	114.3	45	11050	13240	16590	21260	23290	25400	415	12.0	101.0
			50	10460	12570	15830	20490	22550	24670			
			55	9610	11770	14900	19480	21500	23620			
GBR94-TPH50	8.00	131.6	45	13360	15930	19790	25290	27800	30450	415	16.4	95.0
			50	12540	15110	18930	24360	26820	29430			
			55	11400	14010	17780	23130	25530	28110			
GBR108-TPH50	9.00	152.9	45	15410	18230	22530	28730	31550	34540	415	17.3	114.0
			50	14660	17430	21630	27710	30430	33360			
			55	13600	16400	20490	26370	29040	31880			
GBR125-TPH50	10.0	171.4	45	17890	21080	25950	32870	35950	39190	415	19.2	125.0
			50	17110	20200	24950	31750	34760	37940			
			55	15930	19080	23680	30310	33270	36370			
GBR144-TPH50	12.0	197.6	45	20500	24230	29850	37800	41280	44910	415	22.1	125.0
			50	19370	22970	28500	36340	39770	43380			
			55	17830	21480	26800	34430	37820	41380			

R22 Air Conditioning Scroll Compressors

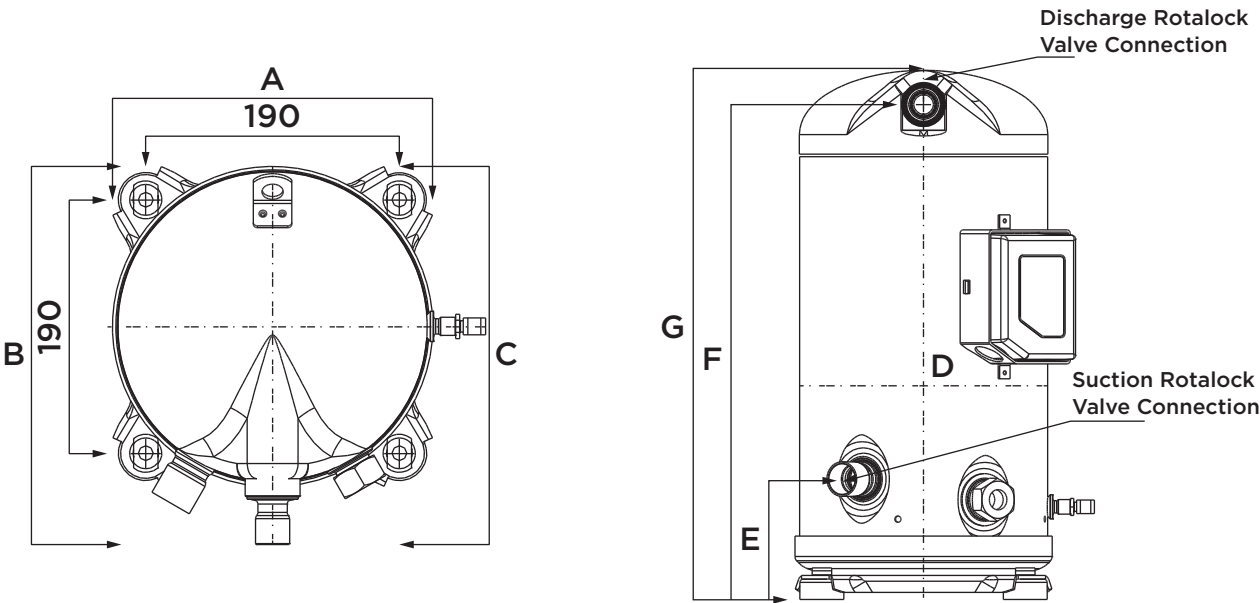
Specifications & Dimensions

Part Number	A	B	C	D	E	F	G	Connections Suct	Disch	Oil Charge (Litres)	Run Capacitor (MFD/Volts)	C/Case Heater Not Supplied		
GBR36-SP50	244.9	230.7	243.4	165.5	264.5	361.0	361.0	3/4	1/2	1.1	55	018005700 CH-280 240V 70W		
GBR42-SP50					277.3	374.8	400.3			1.0	60			
GBR48-SP50					294.2	391.7	417.3	7/8		1.36	60			
GBR42-TP50					277.3	374.8	400.3	3/4		1.0	-			
GBR48-TP50					294.2	391.7	417.3			1.36	-			
GBR54-TPH50	245.6		185.5	296.9	409.8	440.9	7/8	1.9	-					
GBR61-TPH50	240.7	240.7	237.6			184.8		437.9	1.66		-			
GBR72-TPH50								413.9	446.4		7/8		1.77	-
GBR81-TPH50														
GBR94-TPH50	242.5	285	279	232.2	93.6	444.3	476.3	1 1/8	7/8	2.65	-	018004701 CH-255 240V 90W		
GBR108-TPH50					122.1	501.2	533.1	1 3/8		3.38	-			
GBR125-TPH50											-			
GBR144-TPH50											-			

GBR 36 - 81



GBR 94 - 144



R410 Air Conditioning Scroll Compressors

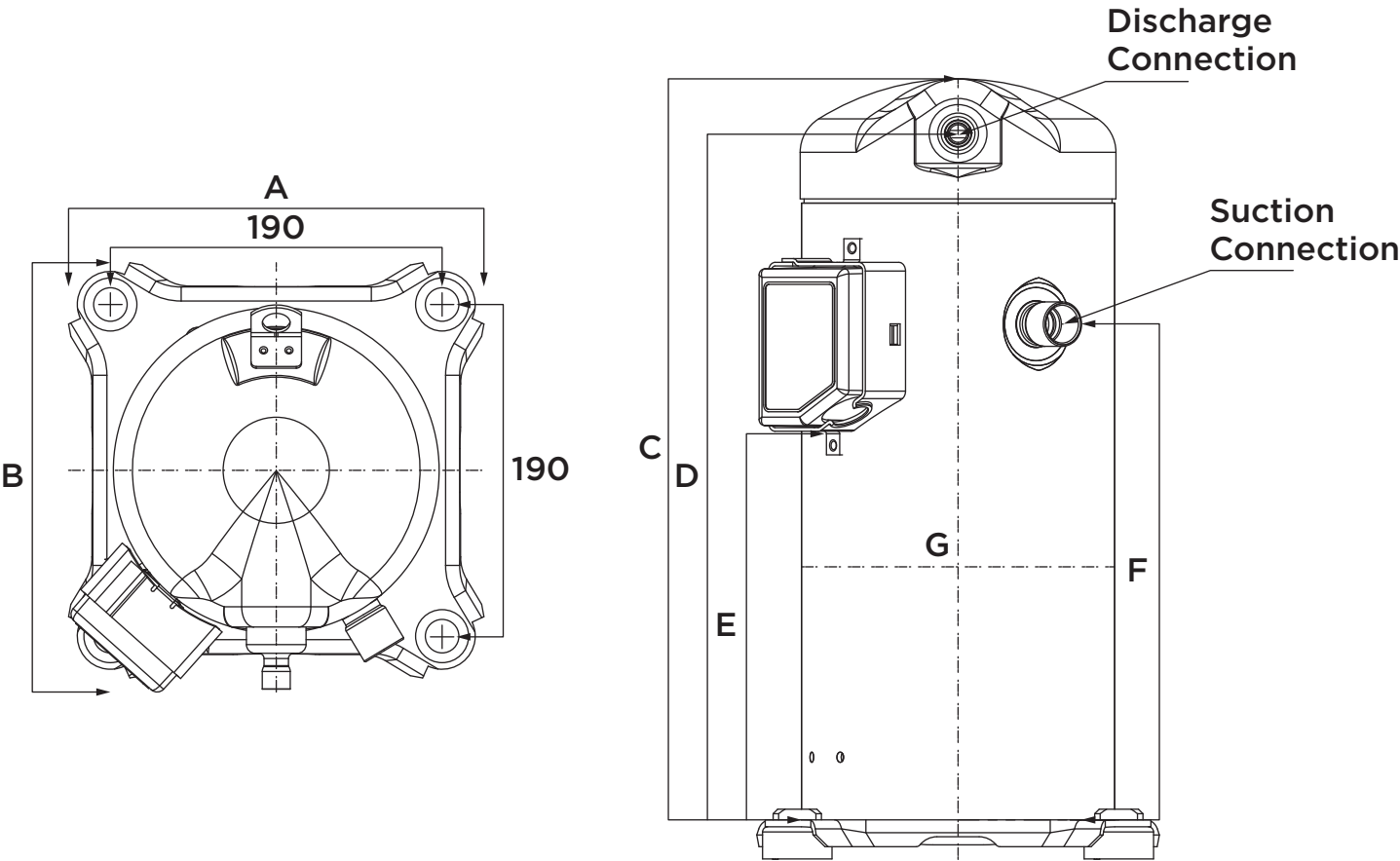
Engineered for modern, high-efficiency equipment, our R410 series provides superior heat transfer capabilities and a lower carbon footprint. All models in this series are designed for robust three-phase (3PH) commercial systems.

Compressor Nomenclature: GB - GREENBREEZE; R - R22; P - R410; Number - Capacity; SP - 1 Phase; TP - 3 Phase; H - High Efficiency; 50 - 50Hz

Part Number	Nominal HP	Capacity		Input Power (W)	Current (A)	COP (W/W)	EER (Btu/Wh)	Displacement (cc/Rev.)	Oil Quantity (l)	Net Weight (Kg)	LRA (A)	Sound Pressure @1m (dBA)
		(Ton)	(Btu/h)									
GBP36-TPH50	3.0	2.5	30400	2920	5.4	3.05	10.4	34.4	1.24	29.4	46.0	57.0
GBP39-TPH50	3.3	2.6	31600	3150	5.3	2.93	10.0	36.9	1.24	30.9	43.0	57.0
GBP42-TPH50	3.5	3.0	34300	3310	5.6	3.03	10.4	39.8	1.24	30.9	43.0	57.0
GBP51-TPH50	4.3	3.5	41500	4040	7.0	3.02	10.3	48.2	1.24	33.0	51.5	57.0
GBP57-TPH50	4.8	4.0	47500	4610	8.1	3.02	10.3	54.3	1.66	41.7	74.0	60.0
GBP61-TPH50	5.1	4.17	50000	4750	8.3	3.11	10.6	58.1	1.66	40.3	64.0	60.0
GBP72-TPH50	6.0	5.0	58500	5700	9.8	3.02	10.3	67.1	1.77	39.9	75.0	61.0

Specifications & Dimensions

Part Number	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Connections		Oil Quantity (l)	Crankcase Heater (wrap around)
								Suct	Disch		
GBP36-TPH50	245	250	440 to 446	410	231 to 237	298	186	7/8 stub tube	7/8 stub tube	2.0	018005700 (CH-280) 240V 70W Not supplied with compressor
GBP39-TPH50											
GBP42-TPH50											
GBP51-TPH50											
GBP57-TPH50											
GBP61-TPH50											
GBP72-TPH50											



GREENBREEZE retains the sole right to change product design and specifications without notice. Images presented herein may differ significantly from the delivered products. Information contained herein is for general consideration only as our products are subject to change.



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