

# Compressors

## Bitzer

### R404A / R507 Accessible Hermetic

Refrigeration Capacities in Watts = Q Power Consumption in kW = P

Model	Cond. Temp. °C	Q= Watts P = kW	Evaporating Temperature: °C											
			7.5	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
2HC-1.2Y*	40	Q				4210	3420	2740	2160	1670	1250	900	610	345
	50	P				1.66	1.54	1.42	1.28	1.12	0.97	0.8	0.65	0.49
2HC-2.2Y*	40	Q	6760	6170	5120	4210	3420	2740	2160	1670	1250			
	50	P	1.8	1.75	1.68	1.6	1.5	1.39	1.27	1.13	0.99			
2GC-2.2Y*	40	Q	7870	7200	5980	4920	4010	3220	2540	1980	1490	1080	750	475
	50	P	2.07	2.05	1.97	1.87	1.74	1.62	1.47	1.32	1.14	0.96	0.77	0.57
2FC-2.2Y*	40	Q	6430	5880	4900	4020	3270	2610	2050	1570	1160	825	545	
	50	P	2.44	2.39	2.26	2.12	1.96	1.78	1.59	1.39	1.17	0.95	0.72	
2EC-2.2Y*	40	Q				6090	4960	3990	3160	2460	1860	1370	960	640
	50	P				2.36	2.19	2	1.8	1.59	1.36	1.14	0.92	0.71
2DC-2.2Y*	40	Q	9720	8890	7390	6090	4960	3990	3160	2460	1860			
	50	P	2.56	2.51	2.39	2.27	2.13	1.98	1.8	1.61	1.42			
2CC-2.2Y*	40	Q	7870	7200	5980	4910	3990	3180	2510	1930	1430	1040	705	
	50	P	3.04	2.96	2.79	2.61	2.41	2.17	1.93	1.68	1.42	1.12	0.88	
2CC-3.2Y*	40	Q	11700	10680	8890	7360	6030	4870	3860	3030	2320	1700	1160	700
	50	P	3.04	3	2.9	2.76	2.58	2.38	2.16	1.92	1.68	1.39	1.08	0.75
2DC-3.2Y*	40	Q	9400	8620	7190	5930	4830	3870	3030	2330	1740	1210	750	
	50	P	3.6	3.52	3.33	3.24	2.95	2.64	2.3	1.97	1.64	1.28	0.91	
2CC-3.2Y*	40	Q	13740	12600	10560	8740	7160	5790	4630	3630	2780	2030	1380	830
	50	P	3.52	3.48	3.37	3.23	3.04	2.8	2.54	2.26	1.97	1.64	1.28	0.92
2CC-4.2Y*	40	Q	11190	10280	8610	7120	5820	4700	3720	2870	2110	1460	895	
	50	P	4.19	4.1	3.91	3.67	3.38	3.07	2.73	2.38	1.99	1.57	1.16	
4FC-3.2Y*	40	Q				10700	8790	7120	5690	4440	3380	2510	1730	1060
	50	P				3.98	3.71	3.4	3.06	2.67	2.26	1.88	1.44	1
4EC-4.2Y*	40	Q	17520	16050	13340	11030	9020	7260	5760	4460	3380	1830	1120	
	50	P	4.44	4.39	4.22	4.01	3.75	3.46	3.13	2.77	2.38	1.81	1.25	
4FC-5.2Y*	40	Q	14040	12830	10710	8890	7270	5840	4620	3560	2610	1830	1120	
	50	P	5.32	5.18	4.88	4.54	4.16	3.76	3.36	2.92	2.43	1.81	1.25	
4EC-5.2Y*	40	Q				12320	9970	8010	6340	4920	3730	2780	1960	1290
	50	P				4.48	4.15	3.79	3.41	3	2.56	2.15	1.71	1.28
4EC-4.2Y*	40	Q	19930	18290	15060	12320	9970	8010	6340	4920	3730	2780	1960	1290
	50	P	4.8	4.79	4.62	4.37	4.07	3.73	3.37	2.98	2.56	2.15	1.71	1.28
4EC-4.2Y*	40	Q	16410	14870	12380	10020	8060	6400	5030	3880	2920	2120	1410	
	50	P	5.72	5.56	5.3	5.04	4.56	4.07	3.59	3.12	2.63	2.14	1.6	
4EC-4.2Y*	40	Q				15360	12490	10050	7980	6230	4780	3580	2540	1700
	50	P				5.35	5	4.59	4.16	3.69	3.22	2.74	2.2	1.67
4EC-4.2Y*	40	Q				12320	10020	8080	6390	4950	3760	2760	1910	
	50	P				6.05	5.52	4.98	4.44	3.9	3.35	2.79	2.2	

\*Capacities are based on European Standard EN 12900 at 50 Hz with 20°C suction gas temperature, without liquid subcooling, evaporating and condensing temperatures correspond to "dew" point conditions (saturated vapour).

Denotes additional cooling requirement.

**Refrigeration Warehousing & Trading Co.**

118/15A, Chikka Thogur, Beratana

Hosur Main Road, Bangalore 560 068

Tel ; 9341980404. [www.rwtcgroup.co.in](http://www.rwtcgroup.co.in)

# Compressors

## Bitzer

### R404A / R507 Accessible Hermetic – OCTAGON® Series

Refrigeration Capacities in Watts = Q Power Consumption in kW = P

Model	Cond. Temp. °C	Q= Watts P = kW	Evaporating Temperature: °C											
			7.5	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
4EC-6.2Y*	40	Q	24700	22550	18710	15360	12490	10050	7980	6230	4780			
		P	5.86	5.81	5.65	5.36	5.01	4.6	4.17	3.69	3.22			
	50	Q	19790	18110	15010	12320	10020	8080	6390	4950	3760			
		P	7.01	6.86	6.49	6.03	5.52	4.99	4.44	3.9	3.35			
4DC-5.2Y*	40	Q				18670	15180	12170	9640	7530	5760	4220	3020	2040
		P				6.63	6.17	5.65	5.08	4.49	3.87	3.22	2.62	2.03
	50	Q				15140	12300	9860	7740	5960	4470	3270	2300	
		P				7.42	6.86	6.25	5.54	4.8	4.03	3.31	2.62	
4DC-7.2Y*	40	Q	29200	26850	22500	18670	15180	12170	9640	7530	5760			
		P	6.91	6.93	6.81	6.55	6.11	5.6	5.06	4.48	3.89			
	50	Q	24100	22100	18470	15140	12300	9860	7740	5960	4470			
		P	8.21	8.09	7.77	7.31	6.78	6.18	5.5	4.78	4.04			
4CC-6.2Y*	40	Q				22050	18010	14550	11570	9030	7020	5220	3680	2430
		P				7.92	7.37	6.74	6.04	5.32	4.66	3.96	3.2	2.46
	50	Q				17230	14080	11370	9080	7130	5430	4000	2750	
		P				8.6	7.86	7.07	6.3	5.54	4.74	3.96	3.15	
4CC-9.2Y*	40	Q	32841	30161	25322	22050	18010	14550	11570	9030	7020	5220	3680	2430
		P	8.35	8.27	8.01	7.92	7.37	6.74	6.04	5.32	4.66	3.96	3.2	2.46
	50	Q	27056	24864	20882	17230	14080	11370	9080	7130	5430	4000	2750	
		P	9.80	9.62	9.16	8.6	7.86	7.07	6.3	5.54	4.74	3.96	3.15	
4VC-6.2Y*	40	Q				22750	18670	15140	12090	9470	7230	5320	3720	2380
		P				8.12	7.45	6.76	6.03	5.28	4.52	3.74	2.95	2.15
	50	Q				14970	12050	9530	7370	5520	3950	2640		
		P				7.98	7.12	6.26	5.41	4.55	3.67	2.78		
4VC-10.2Y*	40	Q	36100	33100	27600	22850	18720	15120	12020	9350	7060	5120	3490	
		P	8.71	8.54	8.15	7.67	7.13	6.51	5.84	5.13	4.37	3.57	2.75	
	50	Q	29400	26950	22450	18500	15060	12080	9500	7290	5400	3800	2470	
		P	10.05	9.74	9.09	8.40	7.66	6.90	6.09	5.26	4.39	3.50	2.57	
4TC-8.2Y*	40	Q				27750	22800	18480	14760	11560	8830	6520	4580	2960
		P				9.86	9.05	8.20	7.34	6.46	5.57	4.66	3.74	2.81
	50	Q				18350	14790	11710	9070	6800	4880	3260		
		P				9.74	8.71	7.68	6.65	5.61	4.55	3.46		
4TC-12.2Y*	40	Q	43500	39850	33300	27550	22600	18260	14530	11330	8590	6280	4330	
		P	10.71	10.51	10.01	9.42	8.75	8.00	7.19	6.34	5.44	4.52	3.59	
	50	Q	35400	32400	27050	22350	18240	14660	11570	8900	6620	4680	3050	
		P	12.37	12.00	11.21	10.36	9.46	8.52	7.54	6.52	5.47	4.40	3.30	
4PC-10.2Y*	40	Q				32300	26500	21500	17130	13400	10220	7520	5240	3350
		P				11.43	10.51	9.53	8.50	7.45	6.38	5.31	4.26	3.24
	50	Q				21500	17280	13660	10550	7890	5640	3760		
		P				11.31	10.09	8.83	7.56	6.31	5.08	3.90		
4PC-15.2Y*	40	Q	52200	47800	39900	33000	27050	21850	17340	13470	10170	7360	4990	
		P	12.50	12.21	11.56	10.84	10.04	9.18	8.26	7.28	6.25	5.17	4.05	
	50	Q	42550	39000	32500	26800	21800	17480	13730	10500	7730	5380	3400	
		P	14.34	13.83	12.82	11.80	10.76	9.70	8.60	7.45	6.24	4.97	3.63	
4NC-12.2Y*	40	Q				37000	30350	24600	19650	15390	11760	8680	6100	3950
		P				13.39	12.31	11.14	9.93	8.68	7.42	6.19	4.99	3.87
	50	Q				24650	19850	15700	12130	9070	6480	4300		
		P				13.26	11.81	10.34	8.88	7.42	5.99	4.59		
4NC-20.2Y*	40	Q	60600	55500	46300	38250	31250	25200	19980	15500	11680	8450	5740	
		P	14.98	14.66	13.88	12.97	11.94	10.83	9.64	8.42	7.18	5.94	4.74	
	50	Q	49450	45300	37700	31050	25250	20250	15880	12150	8970	6280	4030	
		P	17.04	16.45	15.25	14.00	12.71	11.38	10.02	8.63	7.21	5.77	4.31	

\*Capacities are based on European Standard EN 12900 at 50 Hz with 20°C suction gas temperature, without liquid subcooling, evaporating and condensing temperatures correspond to "dew" point conditions (saturated vapour).

Denotes additional cooling requirement.

# Compressors

## Bitzer

### R404A / R507 Accessible Hermetic

Refrigeration Capacities in Watts = Q Power Consumption in kW = P

Model	Cond. Temp. °C	Q= Watts P = kW	Evaporating Temperature: °C											
			7.5	5	0	-5	-10	-15	-20	-25	-30	-35	-40	-45
4J-13.2Y*	40	Q				42800	35250	28700	23000	18150	14000	10470	7500	5020
	50	P				15.16	14.08	12.90	11.62	10.27	8.87	7.44	6.00	4.57
4J-22.2Y*	40	Q	67100	61500	51500	42700	35100	28500	22800	17870	13670	10110	7120	
	50	P	16.36	16.12	15.49	14.67	13.69	12.59	11.37	10.08	8.74	7.37	6.02	
4H-15.2Y*	40	Q				49850	41150	33600	27100	21500	16730	12660	9240	6380
	50	P				18.16	16.80	15.34	13.82	12.25	10.65	9.05	7.47	5.93
4H-25.2Y*	40	Q	77400	71000	59500	49400	40650	33000	26450	20800	15930	11800	8320	
	50	P	19.56	19.22	18.37	17.32	16.11	14.76	13.31	11.78	10.20	8.60	7.00	
4G-20.2Y*	40	Q				57200	47300	38700	31200	24800	19250	14540	10540	7160
	50	P				20.94	19.36	17.68	15.93	14.13	12.30	10.47	8.65	6.89
4G-30.2Y*	40	Q	89100	81800	68600	57000	47000	38250	30700	24200	18610	13860	9850	
	50	P	23.37	22.88	21.73	20.38	18.88	17.26	15.56	13.81	12.06	10.33	8.68	
6J-22.2Y*	40	Q				63800	52600	42800	34350	27100	20900	15640	11210	7510
	50	P				22.91	21.24	19.43	17.48	15.45	13.34	11.19	9.03	6.88
6J-33.2Y*	40	Q	101500	93000	77700	64300	52700	42600	33900	26400	20050	14640	10110	
	50	P	24.30	23.90	22.90	21.60	20.10	18.34	16.46	14.45	12.35	10.19	8.00	
6H-25.2Y*	40	Q				74700	61600	50200	40400	31900	24700	18590	13440	9130
	50	P				27.20	25.18	23.00	20.68	18.28	15.82	13.36	10.92	8.54
6H-35.2Y*	40	Q	116300	106600	86300	74100	60900	49450	39600	31100	23800	17670	12480	
	50	P	29.81	29.20	27.79	26.14	24.30	22.29	20.14	17.88	15.53	13.13	10.71	
6G-30.2*	40	Q				84000	69300	56600	45550	36050	27900	21000	15130	10210
	50	P				30.86	28.50	26.00	23.38	20.68	17.90	15.07	12.21	9.34
6G-40.2Y*	40	Q	133400	122400	102700	85400	70300	57300	46000	36300	28000	20900	14940	
	50	P	35.49	34.61	32.70	30.62	28.38	26.02	23.54	20.96	18.30	15.57	12.80	
6F-40.2Y*	40	Q				100900	83100	67600	54300	42800	32950	24600	17570	11680
	50	P				36.00	33.43	30.59	27.55	24.36	21.06	17.73	14.40	11.14
6F-50.2Y*	40	Q	157900	145000	121700	101300	83600	68300	55000	43600	33850	25600	18620	
	50	P	43.13	42.10	39.80	37.22	34.43	31.47	28.40	25.28	22.15	19.09	16.14	
		P	49.80	48.21	44.85	41.30	37.60	33.83	30.02	26.24	22.53	18.97	15.59	

\*Capacities are based on European Standard EN 12900 at 50 Hz with 20°C suction gas temperature, without liquid subcooling, evaporating and condensing temperatures correspond to "dew" point conditions (saturated vapour).

Denotes additional cooling requirement.

Refrigeration Warehousing & Trading Co.

118/15A, Chikka Thogur, Beratana

Hosur Main Road, Bangalore 560 068

Tel ; 9341980404. www.rwtcgroup.co.in