

# FRIGOR AFEN HERMETIC CONDENSING UNITS

## CAPACITY DATA - R404A - MEDIUM - HIGH BACK PRESSURE

Model	Evaporating temperature°C (Capacities in watts)						Power Supply
	-20	-15	-10	-5	0	5	
UCHG12A	212	259	314	360	429	495	230.1.50
UCHG20A	249	301	364	420	499	581	230.1.50
UCHG25A	312	376	440	499	596	694	230.1.50
UCHG28A	325	412	498	585	717	878	230.1.50
UCHG33A	407	499	613	714	855	1005	230.1.50
UCHG50A	597	742	919	1058	1265	1384	230.1.50
UCHG58A	634	808	1031	1197	1431	1637	230.1.50
UCHG70A	685	848	1129	1280	1510	1767	230.1.50
UCHG75A	764	973	1248	1442	1719	1983	230.1.50
UCHG100A	1085	1337	1655	1924	2321	2764	230.1.50
UCHG120A	1355	1678	2253	2628	3182	3774	230.1.50
UCHG150A	1711	2113	2585	2956	3509	4053	230.1.50
UCHG150U	2048	2122	2558	3005	3549	4235	230.1.50
UCHG180U	-	2280	2820	3273	3725	4312	230.1.50
TUCHG150A2	1712	2198	2585	2956	3509	4053	400.3.50
TUCHG180U2	-	2282	3170	3600	4098	4704	400.3.50
TUCHG260U2	-	3048	3887	4296	5486	6324	400.3.50
TUCHG330U2	-	3841	4597	5056	6435	7354	400.3.50

## CAPACITY DATA - R404A - LOW BACK PRESSURE

Model	Evaporating temperature°C (Capacities in watts)					Power Supply
	-40	-35	-30	-25	-20	
UCG33A	100	150	215	281	358	230.1.50
UCG40A	115	178	257	321	391	230.1.50
UCG50A	130	217	313	411	498	230.1.50
UCG58A	195	254	349	477	581	230.1.50
UCG75A	253	344	462	580	707	230.1.50
UCG90A	307	419	560	697	843	230.1.50
UCG120A	372	534	727	881	1065	230.1.50
UCG150A	429	639	902	1117	1365	230.1.50
UCG150U	517	684	925	1188	1434	230.1.50
UCG200U	855	1248	1640	1964	2248	230.1.50
TUCG200U2	1025	1495	1965	2065	2207	400.3.50
TUCG400U2	1645	2638	3630	3881	4457	400.3.50
TUCG550U2	2133	3129	4125	4578	5312	400.3.50

## CAPACITY DATA - R134a - MEDIUM-HIGH BACK PRESSURE

Model	Evaporating temperature°C (Capacities in watts)					Power Supply
	-15	-10	-5	0	5	
UCHZ12A	228	235	323	410	498	230.1.50
UCHZ20A	326	338	462	586	685	230.1.50
UCHZ25A	355	437	539	640	752	230.1.50
UCHZ33A	390	488	694	900	1082	230.1.50
UCHZ50A	650	734	957	1180	1385	230.1.50
UCHZ58A	800	884	1167	1450	1850	230.1.50
UCHZ75A	990	1093	1467	1840	2167	230.1.50
UCHZ100A	1370	1477	1946	2415	2955	230.1.50
UCHZ150U	1805	2270	2870	3470	4012	230.1.50
UCHZ210U	2560	3305	4148	4990	5878	230.1.50
TUCHZ230U2	2705	3540	4558	5575	6610	400.3.50
TUCHZ280U2	2815	3780	4880	5980	6990	400.3.50
TUCHZ310U2	3260	4315	5505	6695	7833	400.3.50
TUCHZ360U2	3595	4720	6148	7575	8945	400.3.50

Capacities are based on an ambient of 32°C, liquid subcooled to condenser limits.

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# FRIGOR AFEN HERMETIC CONDENSING UNITS

## PHYSICAL AND ELECTRICAL DATA

Model	C.C.	Physical dimensions (mm)			Receiver Volume (L)	Weight (Kg)	Suct Conn	Liquid Conn	Electrica Data	
		Length	Width	Height					Run amps	Start amps
UCHG12A	3.97	500	340	270	0.88	22	3/8	1/4	2.60	10.86
UCHG20A	4.50	500	340	270	0.88	22	3/8	1/4	3.05	12.74
UCHG25A	5.20	500	340	270	0.88	22	3/8	1/4	3.25	13.57
UCHG28A	7.28	500	340	270	0.88	22	3/8	1/4	3.92	16.37
UCHG33A	8.78	500	340	270	0.88	22	3/8	1/4	4.22	17.62
UCHG50A	12.12	500	340	300	0.88	22	3/8	1/4	6.00	25.05
UCHG58A	14.30	500	340	300	0.88	30	3/8	1/4	6.35	26.52
UCHG70A	14.50	540	400	300	2.30	30	1/2	3/8	6.50	27.14
UCHG75A	17.40	540	400	350	2.30	30	1/2	3/8	7.15	29.86
UCHG100A	22.40	540	400	350	2.30	35	1/2	3/8	7.55	31.53
UCHG120A	26.20	570	570	430	2.30	35	5/8	3/8	9.50	39.67
UCHG150A	32.70	570	570	430	4.20	35	5/8	3/8	11.20	46.77
UCHG150U	34.30	570	570	430	4.20	35	5/8	3/8	15.70	65.56
UCHG180U	39.95	600	510	430	4.20	35	5/8 (ods)	3/8 (ods)	16.70	69.74
TUCHG150A2	32.70	465	730	350	4.20	45	5/8	3/8	3.70	15.45
TUCHG180U2	39.95	550	730	355	4.20	50	5/8 (ods)	3/8 (ods)	5.80	24.22
TUCHG260U2	56.65	650	1060	545	4.20	50	7/8 (ods)	3/8 (ods)	9.00	37.58
TUCHG330U2	74.25	650	1060	545	7.80	50	7/8 (ods)	1/2 (ods)	10.00	41.76

Model	C.C.	Physical dimensions (mm)			Receiver Volume (L)	Weight (Kg)	Suct Conn	Liquid Conn	Electrica Data	
		Length	Width	Height					Run amps	Start amps
UCG33A	5.96	500	340	270	0.88	22	3/8	1/4	2.75	11.48
UCG40A	7.40	500	340	270	0.88	22	3/8	1/4	3.50	14.62
UCG50A	8.78	500	340	270	0.88	22	3/8	1/4	3.90	16.29
UCG58A	12.12	500	340	270	0.88	30	3/8	1/4	4.22	17.62
UCG75A	14.30	500	340	300	0.88	30	3/8	1/4	4.50	18.79
UCG90A	20.40	500	340	300	0.88	30	3/8	1/4	4.65	19.42
UCG120A	22.40	540	400	350	2.30	35	1/2	3/8	5.06	21.13
UCG150A	26.40	540	400	350	2.30	35	1/2	3/8	6.85	28.60
UCG150U	34.00	540	400	350	2.30	35	1/2	3/8	7.00	29.23
UCG200U	53.20	600	510	430	4.20	45	5/8 (ods)	3/8 (ods)	9.15	38.21
TUCG200U2	53.20	550	730	355	4.20	50	5/8 (ods)	3/8 (ods)	2.48	10.36
TUCG400U2	112.50	650	1060	545	4.20	50	1.1/8 (ods)	3/8 (ods)	5.20	21.71
TUCG550U2	134.80	650	1060	545	7.80	50	1.1/8 (ods)	1/2 (ods)	6.10	25.47

Model	C.C.	Physical dimensions (mm)			Receiver Volume (L)	Weight (Kg)	Suct Conn	Liquid Conn	Electrica Data	
		Length	Width	Height					Run amps	Start amps
UCHZ12A	5.20	500	340	270	0.88	22	3/8	1/4	1.95	8.14
UCHZ20A	6.76	500	340	270	0.88	22	3/8	1/4	2.65	11.07
UCHZ25A	7.69	500	340	270	0.88	22	3/8	1/4	2.75	11.48
UCHZ33A	10.00	500	340	270	0.88	22	3/8	1/4	3.50	14.62
UCHZ50A	16.80	500	340	300	0.88	22	3/8	1/4	5.40	22.55
UCHZ58A	17.40	500	340	300	0.88	30	3/8	1/4	6.12	25.56
UCHZ75A	22.40	540	400	330	2.30	30	1/2	3/8	7.35	30.69
UCHZ100A	34.37	540	400	350	2.30	35	1/2	3/8	7.50	31.32
UCHZ150U	53.20	510	600	430	4.20	40	5/8 (ods)	3/8 (ods)	8.50	35.49
UCHZ210U	74.25	550	725	430	4.20	50	5/8 (ods)	3/8 (ods)	10.60	44.26
TUCHZ230U2	90.20	650	1060	525	4.20	50	7/8 (ods)	3/8 (ods)	4.90	20.46
TUCHZ280U2	100.70	650	1060	545	7.80	50	7/8 (ods)	1/2 (ods)	5.50	22.97
TUCHZ310U2	112.50	650	1060	545	7.80	50	7/8 (ods)	1/2 (ods)	6.20	25.89
TUCHZ360U2	124.40	650	1060	545	7.80	50	7/8 (ods)	5/8 (ods)	6.70	27.98

Electrical data for three-phase units is in amps per-phase. All units are suitable for expansion valve or capillary control.

Manufacturers data may change at short notice and the above data is for guidance only.



REFRIGERATION & AIR CONDITIONING

0208 655 7600 0121 666 4700 0161 872 2000