

Copeland Air-Cooled Condensing Units



With Reciprocating & Scroll Compressors
For Cold Chain Applications

Copeland[™]
brand products


EMERSON[™]

Emerson Cold Chain & Distribution Center, Chakan



Emerson Commercial and Residential Solutions

Emerson is a global technology and engineering company providing innovative solutions for customers in industrial, commercial, and residential markets. Our Emerson Automation Solutions business helps process, hybrid, and discrete manufacturers maximize production, protect personnel and the environment while optimizing their energy and operating costs. Our Emerson Commercial and Residential Solutions business helps ensure human comfort and health, protect food quality and safety, advance energy efficiency, and create sustainable infrastructure.

Emerson Cold Chain & Distribution Center

A state-of-the-art, 25,000 square-meter facility, Emerson Cold Chain & Distribution Center is situated in Chakan. The center showcases the wide range of technology and service solutions available for the cold chain industry from Emerson. It also serves as a training center to help contractors on product selection and technology options appropriate for various refrigeration applications.

State-Of-The-Art Manufacturing Facilities

With increasing demand for locally built branded products & growing focus on Cold Chain, we have setup a world-class assembly line capable of building Condensing Units with reciprocating, semi-hermetic, & scroll technology. With this new facility in Chakan, we will be able to reduce the delivery time and extend after-sales support in a better way.

Our products are 100% factory tested & unmatched in reliability, performance and energy efficiency. The layout and the performance of the Condensing Units is optimized using CAE facilities. The components are sourced internationally and have been subjected to stringent Qualification Standards of Emerson. The performance of Condensing Units is validated by testing in a suitable appliance at an ambient of 46° C. The countrywide Sales and Service network of Emerson Climate Technologies (India) Private Limited, is positioned to provide prompt service to our customers.

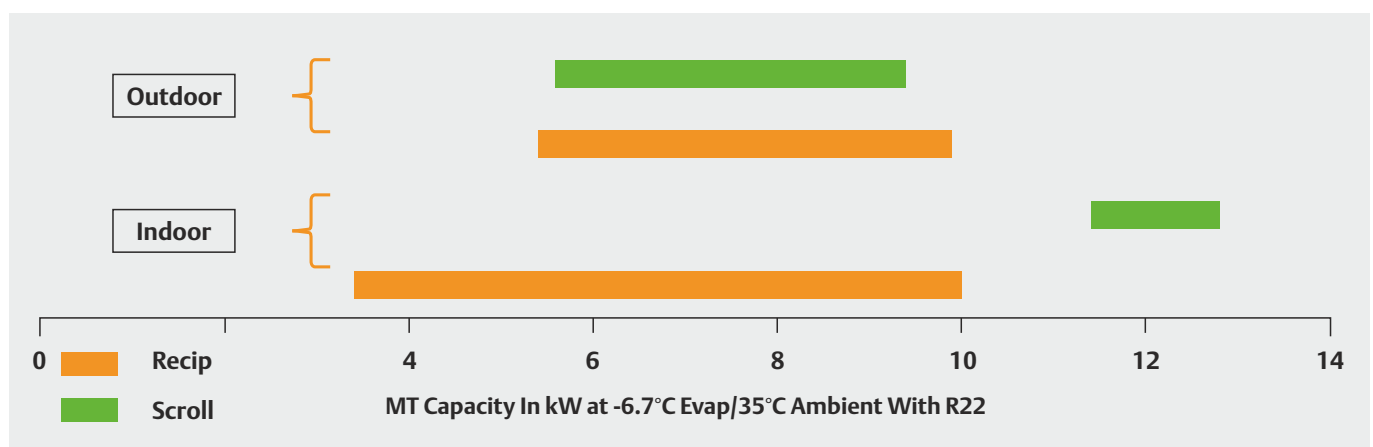


Complete Range for Cold Chain

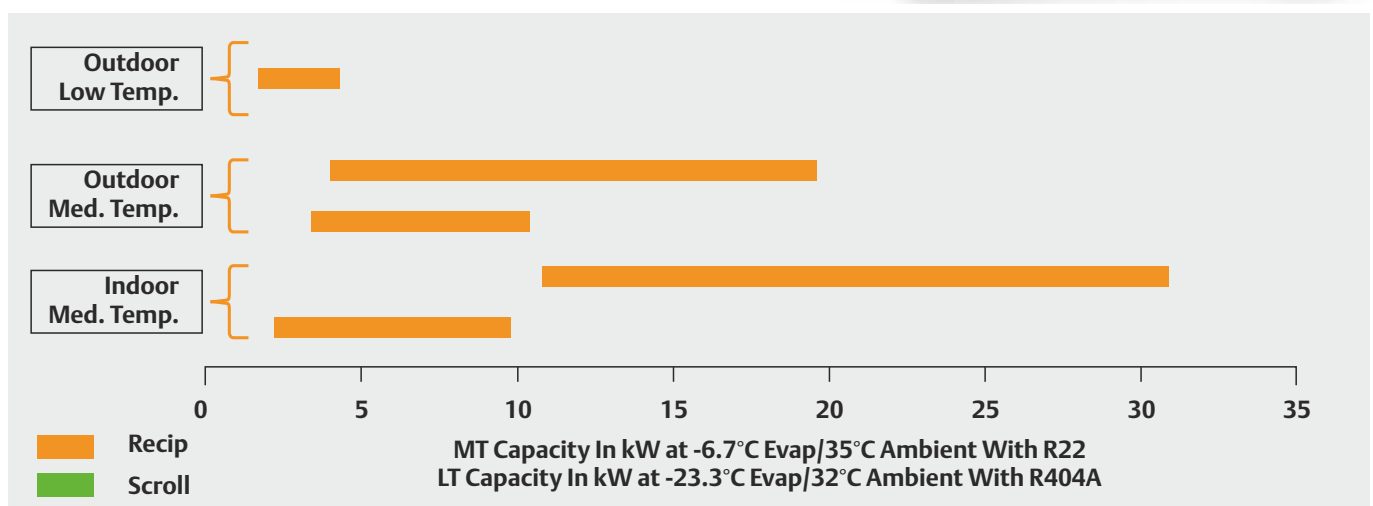
The Integral Horse Power Condensing Units provide perfect cooling, creating value for its users. These Condensing Units cater to all cold chain applications including milk-cooling, fruits & vegetable, meat / poultry cold storage, fishery and food services. Our Condensing Units have been successfully adopted in the Indian market and enjoy proven success with its robust and reliable design. These CDU's have been applied by several well known end-users in the Dairy sector and Process chilling space in India.



Bulk Milk Cooling Tanks



Cold Room Applications



Choice Is Yours: Indoor & Outdoor Type Condensing Units

Indoor



Simple & Rugged Design

- Proven reliability of our units; running successfully even in the most demanding conditions
- Comes with a robust & silent fan suited for high ambient conditions

Greater Serviceability

- Layout of components, tubing and electrical connections done to facilitate easy serviceability in field
- Simple design to facilitate easy handling by unskilled workers

Option Of Weather Housing

- Weather proof housing option available with indoor units on customer requirement

Outdoor



Tropicalized Design

- Large condenser face area & higher CFM for elevated ambient conditions
- Designed to operate at maximum ambient of 46°C

Compact & Sleek

- Outdoor type units are aesthetically designed to give it a sleek look. The body is powder coated to give it a smoother finish
- Much more compact in terms of design with 30% lesser footprint compared to Indoor units

Complete Protection Against Rain & Dust

- Outdoor units come with a standard weather proof housing which can withstand extreme climatic conditions

Silent In Operation

- Fitted with a low noise fan for quiet operations

Features Common To Both Indoor & Outdoor Type Units

Customized For Market

- Comes with factory installed components according to market requirements
- Customized units available for bulk milk coolers, cold room applications

Choice of Compressor Technology/ Refrigerant

- Option to choose Scroll or Reciprocating Compressor Technology
- Models available in R134A/R22/R404A

Wide Operating Envelope

- Robust and efficient operation from -12.2°C to 12.8°C evaporating temperature
- Wide range of applications from positive temperature Cold Rooms, Milk Chilling to Industrial Chillers

Nationwide Network

- Supported by an extensive Sales and Service network across India

Process Chilling & Cold Rooms



Indoor Type -Process Chilling & Cold Rooms

RECIPROCATING		Performance at -6.7°C Evap/35°C Ambient			Refrigeration Capacity (in W)						
Model	Nominal HP	Capacity (W)	Power (W)	COP (W/W)	Evap. Temp. / Ambient. Temp. (°C)	-15.0	-12.2	-6.7	-1.1	4.4	7.2
R134A - 1 Phase											
KHM511PAG-BX	1.1	2077	769	2.70	35	980	1485	2077	2775	3602	4054
					43	-	1229	1747	2359	3090	3547
					46	-	-	1647	2238	2945	3377
KHM514PAG-BX	1.5	2508	1176	2.13	35	1194	1809	2508	3345	4355	4931
					43	-	1454	2101	2854	3766	4291
					46	-	-	1983	2710	3587	4090
KHM519PAG-BX	2	2992	1313	2.28	35	1375	2122	2992	4009	5228	5915
					43	-	1712	2471	3395	4520	5172
					46	-	-	2333	3231	4328	4964
KHM522PAG-BX	2.3	3386	1387	2.44	35	1635	2441	3386	4505	5834	6584
					43	-	2002	2861	3881	5099	5768
					46	-	-	2722	3706	4879	5528
R404A - 1 Phase											
KHM511PAL-BX	1.1	3409	1593	2.14	35	2280	2603	3409	4357	5344	5821
					43	-	2139	2817	3623	4458	4871
					46	-	-	2585	3355	4164	4560
KHM514PAL-BX	1.5	4262	2097	2.03	35	2907	3295	4262	5381	6541	7075
					43	-	2748	3546	4500	5493	5968
					46	-	-	3298	4226	5205	5675
R404A - 3 Phase											
KHM511PBL-EX	1.1	3776	1634	2.31	35	2304	2768	3776	4689	5517	5806
					43	-	2207	3043	3859	4606	4925
					46	-	-	2757	3551	4301	4631
KHM514PAL-EX	1.5	5150	2189	2.35	35	3205	3890	5150	6141	7190	7656
					43	-	3050	4168	5014	5963	6320
					46	-	-	3807	4661	5613	6067
KHM519PAL-EX	2	5704	2504	2.28	35	4099	4540	5704	7079	8496	9161
					43	-	3806	4770	5960	7187	7766
					46	-	-	4463	5579	6724	7246
KHM522PAL-EX	2.3	6475	2860	2.26	35	4931	5316	6475	7957	9505	10237
					43	-	4369	5421	6762	8147	8770
					46	-	-	5088	6349	7626	8196

Complete Range for Medium Temperature Applications

Available from 1 to 12HP covering various segments like Cold Rooms, Banana Ripening, Fruits / Vegetables, Pharmaceutical, Industrial Chillers in Plastic / Rubber Industry.

- 2 to 20 kW In R22
- 3.5 to 25 kW In R404A
- 2 to 8 kW In R134A

Optimally Sized Condenser Coil For Elevated Ambient Conditions

The Condensing Units come with large condenser face area & higher CFM for elevated ambient conditions. Our units are factory tested to work at a maximum ambient of 46°C.

Best-In-Class Efficiency & Reliability

Highest efficiency compressors from Copeland; reciprocating/scroll compressors which are designed to handle tropicalized ambient conditions

Silent Operation

With its optimized discharge loop, improved shell design and unique suspension design, the compressors are silent in operation. Condensing Units come with a low noise fan for minimizing the sound. The Condensing Unit structure is reinforced to prevent sound leakage.

		Power Consumption Including Fan Motor (in W)								Technical Data			
10.0	12.8	-17.8	-12.2	-6.7	-1.1	4.4	7.2	10.0	12.8	Dimensions (L X W X H) in mm	Air Flow (CFM)	No. Of Fans/ Power	Net Weight (kg)
4560	5092	509	641	769	889	993	1042	1082	1120	800 X 548 X 623	1400	1/80W	90
3963	4441	-	650	801	950	1090	1148	1215	1273				
3788	4257	-	652	806	960	1107	1173	1242	1304				
5563	6241	859	1019	1176	1326	1465	1531	1594	1657	800 X 548 X 623	1400	1/180W	90
4865	5487	-	1043	1226	1407	1581	1664	1745	1825				
4642	5240	-	1047	1236	1426	1610	1699	1787	1873				
6671	7481	888	1096	1313	1528	1727	1820	1903	1981	915 X 708 X 671	1800	1/180W	90
5881	6659	-	1055	1342	1615	1862	1970	2069	2154				
5641	6433	-	1044	1344	1629	1886	1999	2102	2186				
7393	8245	947	1166	1387	1602	1806	1902	1994	2086	915 X 708 X 671	1800	1/180W	90
6533	7330	-	1153	1430	1700	1953	2075	2183	2290				
6260	7032	-	1142	1432	1716	1984	2112	2229	2342				
6277	6721	1324	1418	1593	1747	1879	1934	1982	2018	800 X 548 X 623	1400	1/80W	90
5251	5636	-	1465	1662	1847	2017	2092	2163	2219				
4934	5294	-	-	1688	1883	2063	2144	2220	2284				
7575	8114	1704	1844	2097	2310	2474	2541	2593	2613	800 X 548 X 623	1400	1/180W	90
6401	6850	-	1884	2181	2437	2647	2731	2804	2849				
6110	6545	-	-	2200	2469	2688	2777	2852	2903				
6110	6357	1331	1445	1634	1786	1898	1952	1987	2012	800 X 548 X 623	1400	1/80W	90
5234	5519	-	1501	1714	1890	2036	2102	2157	2203				
4950	5240	-	-	1737	1918	2069	2136	2196	2248				
8153	8785	1751	1918	2189	2408	2582	2679	2782	2880	800 X 548 X 623	1400	1/180W	90
6919	7571	-	1953	2263	2528	2754	2889	3001	3122				
6619	7247	-	-	2284	2560	2799	2926	3051	3184				
9693	10380	2174	2295	2504	2669	2786	2827	2870	2857	915 X 708 X 671	1800	1/180W	90
8350	8814	-	2422	2667	2869	3027	3087	3124	3157				
7756	8232	-	-	2711	2931	3110	3185	3239	3273				
10879	11556	2409	2568	2860	3112	3313	3387	3446	3457	915 X 708 X 671	1800	1/180W	90
9330	9877	-	2651	3000	3301	3542	3636	3707	3742				
8680	9183	-	-	3029	3349	3608	3711	3793	3837				

Based on a return gas temperature of 18.3°C. Power includes condenser fan.

Indoor Type -Process Chilling & Cold Rooms

SCROLL		Performance at -6.7°C Evap/35°C Ambient			Refrigeration Capacity (in W)						
Model	Nominal HP	Capacity (W)	Power (W)	COP (W/W)	Evap. Temp. / Ambient. Temp. (°C)	-15.0	-12.2	-6.7	-1.1	4.4	7.2
R404A - 3 Phase											
KHZ566PAL-DX	9	17129	7825	2.19	35	12716	14289	17129	20227	23807	25700
					43	10892	12298	14787	17569	20634	22259
					46	10146	11489	13821	16515	19518	21123
KHZ576PAL-DX	10	20269	9709	2.09	35	13583	16765	20269	24114	28342	30595
					43	11564	14386	17443	20757	24375	26295
					46	10745	13514	16516	19785	23381	25303
KHZ595PAL-DX	12	23756	12798	1.86	35	15541	19580	23756	28166	32949	35494
					43	-	15773	19625	23559	27726	-
					46	-	-	18477	22501	-	-
KHZ611PAL-EX	15	30920	14600	2.12	35	22641	25278	30920	37075	-	-
					43	18757	21249	26377	31946	-	-
					46	-	19710	24692	30114	-	-
R22 - 3 Phase											
KHZ548PAE-EX	6.5	12832	5645	2.27	35	-	10445	12832	15466	18257	19710
					43	-	-	-	13879	16470	17818
					46	-	-	-	13322	15832	17144

Power Consumption Including Fan Motor (in W)										Technical Data			
10.0	12.8	-17.8	-12.2	-6.7	-1.1	4.4	7.2	10.0	12.8	Dimensions (L X W X H) in mm	Air Flow (CFM)	No. Of Fans/ Power	Net Weight (kg)
-	-	7455	7575	7825	8100	8361	8495	-	-	820 X 1329 X 890	6200	2/520W	245
-	-	8810	8900	9150	9350	9613	9751	-	-				
-	-	9368	9440	9690	9860	10075	10187	-	-				
32946	-	9150	9417	9709	10025	10348	10514	10679	-	820 X 1329 X 890	6200	2/520W	248
28295	-	10739	10992	11274	11588	11914	12084	12255	-				
-	-	11417	11607	11827	12077	12339	12476	-	-				
38159	-	12029	12387	12798	13262	13750	14006	14264	-	820 X 1329 X 890	6200	2/520W	248
-	-	-	14647	15069	15545	16047	-	-	-				
-	-	-	-	15713	16091	-	-	-	-				
-	-	14100	14200	14600	14950	-	-	-	-	1110X 1600 X 1260	11400	4/520W	400
-	-	16500	16600	16900	17200	-	-	-	-				
-	-	-	17550	17800	18100	-	-	-	-				
21172	22645	-	5530	5645	5770	5900	5950	6000	6050	1358 X 770 X 742	4300	2/180W	151
19192	20580	-	-	-	6730	6845	6900	6950	6990				
18480	19836	-	-	-	7090	7200	7250	7290	7330				

Based on a return gas temperature of 18.3°C. Power includes condenser fan.



Outdoor Type - Process Chilling & Cold Rooms

RECIPROCATING		Performance at -6.7°C Evap/35°C Ambient			Refrigeration Capacity (in W)						
Model	Nominal HP	Capacity (W)	Power (W)	COP (W/W)	Evap. Temp. / Ambient. Temp. (°C)	-17.8	-12.2	-6.7	-1.1	4.4	7.2
R404A - 1 Phase											
KHM511PQL-BX	1.1	3572	1470	2.43	35	-	-	3572	4670	5871	6486
					43	-	2193	2987	3924	4978	5505
					46	-	2009	2737	3625	4609	5118
KHM514PQL-BX	1.5	4480	1920	2.33	35	-	3367	4480	5798	7232	7935
					43	-	2826	3777	4919	6178	6793
					46	-	2606	3496	4568	4878	6354
R404A - 3 Phase											
KHM511PQL-EX	1.1	3944	1448	2.72	35	2171	2769	3944	5185	6283	6689
					43	-	2316	3208	4280	5312	5806
					46	-	-	2895	3901	4907	5369
KHM514PQL-EX	1.5	5125	1448	3.54	35	-	3688	5125	6619	7961	8443
					43	-	2987	4170	5355	6587	7159
					46	-	-	3732	4863	6074	6667
KHM519PQL-EX	2	5769	2355	2.45	35	-	4509	5769	7232	8828	9604
					43	-	3807	4861	6149	7525	8199
					46	-	3526	4509	5709	6998	7636
R22 - 1 Phase											
KHJ513PQE-FX	1	2109	1192	1.77	35	-	-	2109	2635	3341	3773
					43	-	-	1838	2328	3007	3425
					46	-	-	1747	2219	2890	3291
KHR522PQE-BX	2	3419	1532	2.23	35	1692	2570	3419	4296	5261	5789
					43	-	2091	2886	3682	4540	5018
					46	-	1908	2698	3485	4334	4802
KHR530PQE-BX	2.5	4255	1935	2.20	35	2262	3224	4255	5387	6564	7152
					43	-	2617	3586	4646	5729	6308
					46	-	2412	3393	4463	5553	6103
KHR536PQE-BX	3	5375	2247	2.39	35	2897	4091	5375	6740	8178	8926
					43	-	3379	4587	5847	7159	7827
					46	-	3091	4311	5580	6899	7577
R22 - 3 Phase											
KHR522PQE-DX	2	3249	1400	2.32	35	1846	2457	3249	4177	5186	5710
					43	-	1969	2696	3542	4459	4952
					46	-	1799	2512	3347	4257	4733
KHR530PQE-DX	2.5	4269	1752	2.44	35	2292	3311	4269	5259	6331	6924
					43	-	2729	3577	4458	5446	5967
					46	-	2523	3363	4244	5239	5806
KHR536PQE-DX	3	5372	2247	2.39	35	2895	4088	5372	6736	8173	8921
					43	-	3377	4584	5843	7154	7822
					46	-	3089	4308	5577	6895	7573
KHR542PQE-DX	3.5	6143	2599	2.36	35	3655	4810	6143	7658	9321	10186
					43	-	4093	5283	6619	8070	8804
					46	-	3767	4868	6081	7398	8048
KHR553PQE-DX	4.5	8491	3604	2.36	35	-	6918	8491	10390	12527	13646
					43	-	6059	7597	9351	11310	12343
					46	-	-	7314	9015	10903	11897
KHR562PQE-DX	5	9866	4261	2.32	35	-	7989	9866	11954	14254	15480
					43	-	7159	8873	10772	12871	14011
					46	-	-	8547	10382	12409	13484
KHR572PQE-DX	6	10317	4745	2.17	35	-	8225	10317	12409	15570	17150
					43	-	6990	9336	11681	14026	15199
					46	-	6579	9009	11438	13512	14548

		Power Consumption Including Fan Motor (in W)								Technical Data			
10.0	12.8	-17.8	-12.2	-6.7	-1.1	4.4	7.2	10.0	12.8	Dimensions (L X W X H) in mm	Air Flow (CFM)	No. Of Fans/ Power	Net Weight (kg)
7101	7686	-	-	1470	1625	1760	1820	1875	1915	1016 X 440 X 800	2693	1/160W	70
6032	6559	-	1340	1540	1720	1890	1970	2050	2120				
5610	6085	-	1358	1564	1762	1950	2042	2128	2204				
8653	9341	-	1435	1920	2125	2300	2365	2420	2465	1016 X 440 X 800	2637	1/160W	74
7408	8023	-	1750	2030	2280	2500	2590	2670	2730				
6934	7496	-	1756	2060	2328	2566	2668	2754	2826				
6993	7258	1246	1314	1448	1584	1716	1747	1809	1830	1016 X 440 X 800	2693	1/160W	70
6162	6584	-	1313	1540	1686	1833	1891	1948	2035				
5769	6170	-	-	1535	1695	1856	1935	1995	2088				
9022	9711	-	1314	1448	1584	1716	1747	1809	1830	1016 X 440 X 800	2637	1/160W	74
7709	8594	-	1313	1540	1686	1833	1891	1948	2035				
7238	8060	-	-	1535	1695	1856	1935	1995	2088				
10350	11097	-	2125	2355	2545	2715	2785	2835	2885	1016 X 440 X 800	2637	1/160W	82
8829	9458	-	2270	2530	2770	2970	3060	3135	3210				
8274	-	-	2324	2596	2860	3070	3168	3266	---				
4274	4803	-	-	1192	1273	1374	1429	1485	1541	908 X 350 X 602	2072	1/59W	73
3898	4427	-	-	1242	1333	1434	1495	1555	1616				
3764	4293	-	-	1267	1358	1465	1525	1586	1653				
6355	6972	1197	1388	1532	1646	1744	1793	1846	1903	908 X 350 X 602	2072	1/59W	80
5508	6047	-	1374	1558	1708	1840	1903	1970	2041				
5298	5840	-	1357	1558	1721	1861	1928	1997	2068				
7738	8334	1316	1684	1935	2155	2331	2400	2452	2483	908 X 350 X 602	2072	1/59W	82
6808	7334	-	1678	1996	2270	2486	2561	2630	2672				
6646	7187	-	1671	2010	2296	2517	2598	2660	2698				
9683	10464	1773	2027	2247	2432	2578	2635	2682	2715	1016 X 440 X 800	2637	1/160W	92
8506	9200	-	2048	2337	2591	2803	2894	2973	3039				
8263	8964	-	2042	2358	2631	2857	2951	3032	3099				
6233	6763	1112	1246	1400	1556	1697	1754	1800	1829	908 X 350 X 602	2072	1/59W	80
5399	5863	-	1243	1436	1630	1807	1878	1944	1991				
5194	5662	-	1229	1440	1648	1834	1912	1978	2026				
7564	8274	1363	1538	1752	1978	2201	2305	2400	2481	908 X 350 X 602	2072	1/59W	82
6599	7267	-	1590	1856	2118	2353	2457	2540	2605				
6423	7113	-	1600	1872	2135	2367	2464	2545	2605				
9677	10458	1773	2027	2247	2432	2578	2635	2682	2715	1016 X 440 X 800	2637	1/160W	92
8501	9195	-	2048	2337	2591	2803	2894	2973	3039				
8258	8959	-	2042	2358	2631	2857	2951	3032	3099				
11081	12006	1890	2313	2599	2876	3121	3228	3317	3386	1016 X 440 X 800	2637	1/250W	93
9636	10418	-	2347	2700	3040	3347	3485	3593	3692				
8778	10213	-	2343	2725	3097	3436	3590	3719	3725				
14830	16076	-	3336	3604	3803	3944	4004	4036	4038	1030 X 432 X 1160	2637	2/59W	98
13404	14505	-	3649	3986	4277	4505	4597	4674	4726				
12919	13984	-	-	4105	4430	4692	4800	4891	4955				
16751	18084	-	3970	4261	4501	4680	4745	4794	4819	1030 X 432 X 1160	2637	2/59W	98
15149	16355	-	4350	4733	5067	5335	5435	5539	5613				
14617	15778	-	-	4877	5244	5547	5676	5780	5873				
18354	19557	-	4144	4745	5281	5816	6084	6435	6786	1030 X 432 X 1160	2637	2/59W	98
16535	17870	-	4264	4928	5592	6256	6588	7010	7432				
15928	17308	-	4282	4989	5696	6403	6756	7202	7647				

SCROLL		Performance at -6.7°C Evap/35°C Ambient			Refrigeration Capacity (in W)						
Model	Nominal HP	Capacity (W)	Power (W)	COP (W/W)	Evap. Temp. / Ambient. Temp. (°C)	-15.0	-12.2	-6.7	-1.1	4.4	7.2
R22 - 1 Phase											
KHZ519PQE-FX	2.5	4426	1870	2.37	35	-	3,576	4426	5363	6419	7005
					43	-	3,224	4,015	4865	5862	6389
					46	-	-	3,869	-	-	-
R22 - 3 Phase											
KHZ515PQE-FX	2	4045	1580	2.56	35	-	3,253	4,045	4,924	5,935	6,506
					43	-	2,960	3,693	4,513	5,451	5,979
					46	-	2,858	3,576	4,367	5,290	5,803
KHZ521PQE-DX	3	5596	2375	2.36	35	-	-	5596	6793	8141	8883
					43	-	-	-	6130	7337	8005
					46	-	-	-	-	7136	7805
KHZ526PQE-DX	3.5	6632	2635	2.52	35	4758	5387	6632	7993	9589	10497
					43	4392	4948	6090	7291	8726	9546
					46	-	-	5710	-	-	-
KHZ529PQE-DX	4	7408	3070	2.41	35	4344	6017	7408	8931	10629	11566
					43	4861	5476	6705	8638	9633	10453
					46	4667	5265	6423	7748	9228	9995
KHZ538PQE-DX	5	9408	3649	2.58	35	-	-	9408	11413	13666	14906
					43	-	-	-	10317	12362	13496
					46	-	-	-	-	11904	12996
KHZ545PQE-DX	6	10334	4635	2.23	35	7550	8443	10334	12400	14731	15902
					43	6647	7467	9194	11068	13147	-
					46	6304	7110	8736	10523	12515	-
KHZ548PQE-DX	6.5	12386	5075	2.44	35	-	-	12386	14934	17788	19398
					43	-	-	11185	13528	16105	17569
					46	-	-	10640	12948	15402	-
R404A- 3 Phase											
KHZ538PQL-EX	5	9955	4390	2.27	35	7496	8286	9955	11829	13937	15079
					43	6442	7086	8550	10160	11976	12942
					46	6061	6705	8052	9604	11331	12268
KHZ545PQL-DX	6	11159	5426	2.06	35	-	8375	11159	13620	15454	16372
					43	-	7939	9542	12079	13501	14213
					46	-	7775	8935	11501	12769	13403
KHZ548PQL-DX	6.5	11409	6072	1.88	35	8720	9616	11409	13336	15395	16425
					43	7750	8506	10018	11611	13293	14446
					46	-	8090	9545	11000	12455	-
KHZ566PQL-DX	9	16690	7900	2.11	35	12605	13849	16690	19618	22985	24742
					43	11375	12532	15079	17714	20789	22399
					46	10057	11097	13352	15811	-	-
KHZ576PQL-DX	10	19618	9250	2.12	35	14742	16250	19618	23131	27084	29134
					43	13249	14640	17714	20935	24449	26352
					46	11638	12912	15665	-	-	-

		Power Consumption Including Fan Motor (in W)								Technical Data			
10.0	12.8	-15.0	-12.2	-6.7	-1.1	4.4	7.2	10.0	12.8	Dimensions (L X W X H) in mm	Air Flow (CFM)	No Of Fans/ Power	Net Weight (kg)
-	-	-	1,835	1,870	1,930	2,000	2,040	-	-	908 X 350 X 602	2072	1/59W	79
-	-	-	2,150	2,200	2,260	2,330	2,370	-	-				
-	-	-	-	2,330	-	-	-	-	-				
7,122	7,781	-	1,560	1,580	1,610	1,645	1,665	1,685	1,695	908 X 350 X 602	2072	1/59W	79
6,565	7,181	-	1,820	1,830	1,860	1,900	1,920	1,930	1,950				
6,375	6,975	-	1,925	1,935	1,965	2,000	2,020	2,035	2,050				
9678	10529	-	-	2375	2481	2599	2657	2711	2759	1016 X 440 X 800	2637	1/250W	94
8723	9496	-	-	-	2936	3073	3140	3203	3259				
8528	9308	-	-	-	-	3202	3260	3312	3358				
11405	12053	2615	2595	2635	2745	2875	2935	2995	3037	1016 X 440 X 800	2637	1/160W	90
10336	-	3180	3150	3180	3280	3410	3470	3530	-				
-	-	-	-	3640	-	-	-	-	-				
-	-	2900	2940	3070	3245	3440	3535	-	-	1016 X 440 X 800	2637	1/160W	100
-	-	3420	3470	3620	3810	4020	4120	-	-				
-	-	3636	3692	3848	4044	4260	4360	-	-				
16232	17650	-	-	3649	3821	4017	4114	4206	4289	1016 X 440 X 1172	4000	2/59W	130
14712	16021	-	-	-	4537	4746	4849	4948	5037				
14170	15434	-	-	-	-	5027	5134	5237	5329				
17074	18224	4255	4390	4635	4875	5115	5230	5345	5427	1016 X 440 X 1172	4000	2/59W	140
-	-	5050	5200	5500	5750	6000	-	-	-				
-	-	5440	5590	5860	6110	6360	-	-	-				
21008	22618	-	-	5075	5275	5525	5625	5725	5825	1016 X 440 X 1172	4000	2/59W	140
19033	20497	-	-	5950	6100	6450	6550	6650	6750				
-	-	-	-	6370	6590	6840	-	-	-				
16250	-	4,220	4,280	4,390	4,510	4,630	4,690	4,750	-	1016 X 440 X 1172	4000	2/59W	130
13996	-	5,050	5,100	5,200	5,350	5,450	5,500	5,550	-				
13235	-	5,350	5,400	5,500	5,650	5,750	5,800	5,850	-				
18371	20370	-	5656	5426	5521	5852	6097	6596	7095	1016 X 440 X 1172	4000	2/59W	140
15660	-	-	5948	6284	6416	6780	7043	7087	-				
-	-	-	6058	6606	6585	7023	7398	-	-				
17454	-	5663	5799	6072	6386	6740	6917	7094	-	1016 X 440 X 1172	4000	2/59W	140
15599	-	6441	6640	7039	7354	7683	7791	7898	-				
-	-	-	6956	7401	7717	8037	-	-	-				
26498	-	7525	7650	7900	8150	8300	8450	8750	-	1260 x 680 x 1020	5000	2/130W	152
24010	-	8425	8550	8800	9050	9200	9350	9550	-				
-	-	9475	9600	9800	10000	-	-	-	-				
31330	-	8750	8900	9250	9650	10000	10200	10400	-	1260 x 680 x 1020	5000	2/130W	152
28255	-	9825	9950	10300	10600	11000	11200	11400	-				
-	-	11050	11200	11500	-	-	-	-	-				

Based on a return gas temperature of 18.3°C. Power includes condenser fan.

Milk Cooling



Indoor Type - BMC

RECIPROCATING		Performance at -6.7°C Evap/35°C Ambient			Refrigeration Capacity (in W)						
Model	Nominal HP	Capacity (W)	Power (W)	COP (W/W)	Evap. Temp. / Ambient. Temp. (°C)	-17.8	-12.2	-6.7	-1.1	4.4	7.2
R22 - 1 Phase											
KHR522MAE-BX	1.8	3399	1560	2.18	35	1681	2557	3399	4269	5218	5743
					43	-	2084	2873	3663	4511	4979
					46	-	1924	2693	3456	4269	4713
KHR530MAE-BX	2.4	4178	1883	2.22	35	2237	3156	4178	5274	6411	6966
					43	-	2551	3499	4505	5560	6095
					46	-	2359	3280	4265	5289	5808
KHR536MAE-FX	3	5195	2353	2.21	35	2802	3962	5195	6505	7872	8579
					43	-	3173	4396	5646	6914	7556
					46	-	2937	4145	5369	6610	7234
R22 - 3 Phase											
KHR536MAE-DX	3	5218	2321	2.25	35	2850	3996	5218	6504	7838	8532
					43	-	3285	4447	5649	6889	7521
					46	-	3047	4191	5370	6576	7193
KHR572MAE-DX	5	10168	5010	2.03	35	-	-	10168	13367	16011	17519
					43	-	-	8490	11577	13925	15213
					46	-	-	-	10659	12824	14037

SCROLL		Performance at -6.7°C Evap/35°C Ambient			Refrigeration Capacity (in W)						
Model	Nominal HP	Capacity (W)	Power (W)	COP (W/W)	Evap. Temp. / Ambient. Temp. (°C)	-17.8	-12.2	-6.7	-1.1	4.4	7.2
R22 - 3 Phase											
KHZ545MAE-EX	6	11375	5035	2.26	35	-	9236	11375	13686	16134	17415
					43	-	-	-	12279	14549	15726
					46	-	-	-	11768	13978	15123
KHZ548MAE-EX	6.5	12832	5645	2.27	35	-	10445	12832	15466	18257	19710
					43	-	-	-	13878	16470	17818
					46	-	-	-	13322	15832	17144

Designed Specifically For Milk Cooling

Optimally sized condenser coil & higher air flow to achieve pull down from 35°C to 4°C within 3 hours as per IS5708 standards. Units available for full range of BMCs starting from 500 liters to 5000 liters.

Equipped With Complete System Protection

Our Condensing Units are equipped with complete set of controls which protect it from :

- Liquid Receiver to respond for varying load conditions
- HP/LP cutouts to maintain safe working pressure
- Accumulator to prevent liquid refrigerant from entering the compressor during light load conditions

- IP65 Junction box to withstand dusty & rainy climate
- Moisture indicator & liquid line solenoid valve

Superior Reliability

All our Emerson Condensing Units are 100% factory tested. We are the only company to have a dedicated lab for testing BMC as per ISO 5708 and user conditions. Our units have been successfully running in dusty environments & in ever-changing climatic conditions.

Easier To Service

Layout of components, tubing and electrical connections done to facilitate easy serviceability in field.

		Power Consumption Including Fan Motor (in W)								Technical Data			
10.0	12.8	-17.8	-12.2	-6.7	-1.1	4.4	7.2	10.0	12.8	Dimensions (L X W X H) in mm	Air Flow (CFM)	No. Of Fans/Power	Net Weight (kg)
6305	6910	1220	1400	1560	1680	1785	1835	1890	1945	820 X 586 X 625	1400	1/80W	100
5469	6003	-	1400	1585	1740	1875	1940	2005	2075				
5182	5691	-	1400	1585	1750	1895	1965	2040	2110				
7573	8150	1438	1662	1883	2093	2280	2365	2429	2486	820 X 586 X 625	1400	1/180W	120
6624	7156	-	1660	1928	2182	2411	2512	2603	2680				
6324	6841	-	1646	1929	2197	2440	2547	2644	2727				
9291	10000	1858	2115	2353	2567	2753	2832	2903	2967	935 X 793 X 685	1800	1/180W	136
8203	8856	-	2149	2439	2707	2950	3060	3160	3249				
7858	8483	-	2152	2457	2746	3008	3128	3238	3339				
9228	9935	1821	2082	2321	2533	2714	2788	2855	2910	935 X 793 X 685	1800	1/180W	136
8156	8803	-	2098	2401	2675	2913	3016	3109	3188				
7809	8433	-	2091	2417	2712	2971	3084	3186	3275				
19189	21316	-	-	5010	5388	6097	6480	6852	7156	1200 X 785 X 690	3600	2/180W	185
16543	18361	-	-	5152	5562	6293	6688	7068	7380				
15408	17058	-	-	-	5622	6361	6757	7131	7446				

		Power Consumption Including Fan Motor (in W)								Technical Data			
10.0	12.8	-17.8	-12.2	-6.7	-1.1	4.4	7.2	10.0	12.8	Dimensions (L X W X H) in mm	Air Flow (CFM)	No Of Fans/Power	Net Weight (kg)
18714	20040	-	4935	5035	5135	5245	5295	5350	5405	1348 X 785 X 742	3600	2/180W	150
16926	18149	-	-	-	6110	6200	6240	6285	6325				
16290	17479	-	-	-	6485	6570	6605	6640	6670				
21172	22645	-	5530	5645	5770	5900	5950	6000	6050	1348 X 785 X 742	4300	2/180W	151
19192	20580	-	-	-	6730	6845	6900	6950	6990				
18480	19836	-	-	-	7090	7200	7250	7290	7330				

Based on a return gas temperature of 18.3°C. Power includes condenser fan.

Outdoor Type - BMC

RECIPROCATING		Performance at -6.7°C Evap/35°C Ambient			Refrigeration Capacity (in W)						
Model	Nominal HP	Capacity (W)	Power (W)	COP (W/W)	Evap. Temp. / Ambient. Temp. (°C)	-17.8	-12.2	-6.7	-1.1	4.4	7.2
R22 - 1 Phase											
KHR536MQE-FX	3	5365	2277	2.36	35	2850	4060	5365	6758	8232	9001
					43	-	3272	4532	5838	7190	7877
					46	-	2974	4255	5573	6931	7626
R22 - 3 Phase											
KHR536MQE-DX	3	5372	2247	2.39	35	2895	4088	5372	6736	8173	8921
					43	-	3377	4584	5843	7154	7822
					46	-	3089	4308	5577	6895	7573
KHR542MQE-DX	3.5	6141	2599	2.36	35	3654	4809	6141	7655	9318	10182
					43	-	4092	5281	6617	8067	8801
					46	-	3765	4866	6079	7396	8045
KHR553MQE-DX	4.5	8491	3604	2.36	35	-	6918	8491	10390	12527	13646
					43	-	6059	7597	9351	11310	12343
					46	-	-	7314	9015	10903	11897
KHR562MQE-DX	5	9866	4261	2.32	35	-	7989	9866	11954	14254	15480
					43	-	7159	8873	10772	12871	14011
					46	-	-	8547	10382	12409	13484

SCROLL		Performance at -6.7°C Evap/35°C Ambient			Refrigeration Capacity (in W)						
Model	Nominal HP	Capacity (W)	Power (W)	COP (W/W)	Evap. Temp. / Ambient. Temp. (°C)	-17.8	-12.2	-6.7	-1.1	4.4	7.2
R22 - 1 Phase											
KHZ521MQE-FX	3	5622	2665	2.11	35	-	-	5622	6823	8185	8943
					43	-	-	-	6194	7432	8120
					46	-	-	-	-	7245	7935
R22 - 3 Phase											
KHZ515MQE-EX	2	4045	1580	2.56	35	-	3253	4045	4924	5935	6506
					43	-	2960	3693	4513	5451	5979
					46	-	2858	3576	4367	5290	5803
KHZ521MQE-DX	3	5598	2375	2.36	35	-	-	5598	6795	8144	8886
					43	-	-	-	6132	7339	8008
					46	-	-	-	-	7139	7808
KHZ526MQE-EX	3.5	6632	2635	2.52	35	4758	5387	6632	7993	9589	10497
					43	4392	4948	6090	7291	8726	9546
					46	-	-	5710	-	-	-
KHZ538MQE-DX	5	9408	3649	2.58	35	-	-	9408	11413	13666	14906
					43	-	-	-	10317	12362	13496
					46	-	-	-	-	11904	12996

		Power Consumption Including Fan Motor (in W)								Technical Data			
10.0	12.8	-17.8	-12.2	-6.7	-1.1	4.4	7.2	10.0	12.8	Dimensions (L X W X H) in mm	Air Flow (CFM)	No. Of Fans/ Power	Net Weight (kg)
9782	10591	1808	2058	2277	2463	2612	2671	2721	2757	1016 X 440 X 800	2637	1/160W	98
8574	9285	-	2097	2375	2624	2839	2934	3019	3092				
8327	9043	-	2100	2398	2664	2893	2991	3079	3153				
9677	10458	1773	2027	2247	2432	2578	2635	2682	2715	1016 X 440 X 800	2637	1/160W	98
8501	9195	-	2048	2337	2591	2803	2894	2973	3039				
8258	8959	-	2042	2358	2631	2857	2951	3032	3099				
11078	12002	1890	2313	2599	2876	3121	3228	3317	3386	1016 X 440 X 800	2637	1/160W	98
9633	10415	-	2347	2700	3040	3347	3485	3593	3692				
8775	10210	-	2343	2725	3097	3436	3590	3719	3725				
14830	16076	-	3336	3604	3803	3944	4004	4036	4038	1030 X 432 X 1160	4000	2/59W	132
13404	14505	-	3649	3986	4277	4505	4597	4674	4726				
12919	13984	-	-	4105	4430	4692	4800	4891	4955				
16751	18084	-	3970	4261	4501	4680	4745	4794	4819	1030 X 432 X 1160	4000	2/59W	132
15149	16355	-	4350	4733	5067	5335	5435	5539	5613				
14617	15778	-	-	4877	5244	5547	5676	5780	5873				

		Power Consumption Including Fan Motor (in W)								Technical Data			
10.0	12.8	-17.8	-12.2	-6.7	-1.1	4.4	7.2	10.0	12.8	Dimensions (L X W X H) in mm	Air Flow (CFM)	No. Of Fans/ Power	Net Weight (kg)
9761	10644	-	-	2665	2636	2724	2770	2816	2860	1016 X 440 X 800	2637	1/160W	95
8864	9669	-	-	-	3113	3206	3256	3306	3353				
8685	9498	-	-	-	-	3335	3373	3410	3445				
7122	7781	-	1560	1580	1610	1645	1665	1685	1695	1016 X 440 X 800	2637	1/160W	91
6565	7181	-	1820	1830	1860	1900	1920	1930	1950				
6375	6975	-	1925	1935	1965	2000	2020	2035	2050				
9682	10533	-	-	2375	2481	2599	2657	2711	2759	1016 X 440 X 800	2637	1/160W	95
8726	9499	-	-	-	2936	3073	3140	3203	3259				
8531	9311	-	-	-	-	3202	3260	3312	3358				
11405	12053	2615	2595	2635	2745	2875	2935	2995	3037	1016 X 440 X 800	2637	1/160W	97
10336	-	3180	3150	3180	3280	3410	3470	3530	-				
-	-	-	-	3640	-	-	-	-	-				
16232	17650	-	-	3649	3821	4017	4114	4206	4289	1032 X 432 X 1160	4000	2/59W	131
14712	16021	-	-	-	4537	4746	4849	4948	5037				
14170	15434	-	-	-	-	5027	5134	5237	5329				

Based on a return gas temperature of 18.3°C. Power includes condenser fan.



Frozen Food Applications

Available In R404A
For Frozen Food Applications; Evaporating Range From -37.2 to -6.7°C



Outdoor Type - Frozen Foods

RECIPROCATING		Performance at -23.3°C Evap/32°C Ambient			Refrigeration Capacity (in W)						
Model	Nominal HP	Capacity (W)	Power (W)	COP (W/W)	Evap. Temp. / Ambient. Temp. (°C)	-37.2	-31.7	-23.3	-17.8	-12.2	-6.7
R404A - 1 Phase											
KHM475LQL-CX	2	1709	1046	1.63	32	901	1162	1709	2166	2678	3212
					35	-	1056	1594	2036	2526	3030
					43	-	-	1236	1634	2082	2569
					46	-	-	1147	1519	1921	2341
R404A - 3 Phase											
KHM475LQL-EX	2	1709	1046	1.63	32	901	1162	1709	2166	2678	3212
					35	-	1056	1594	2036	2526	3030
					43	-	-	1236	1634	2082	2569
					46	-	-	1147	1519	1921	2341
KHM512LQL-EX	2	3759	2516	1.49	32	1351	2073	3759	4864	6413	7935
					35	990	1910	3314	4534	5777	7557
					43	1162	1474	2128	3593	5086	6552
					46	-	1311	2385	3641	4919	6175
KHM515LQL-EX	3.75	4350	2720	1.60	32	1628	2443	4350	5614	6901	8165
					35	757	1990	3873	5107	6401	7674
					43	-	1805	2769	4040	5334	6363
					46	-	1735	2355	3640	4933	5872



Power Consumption Including Fan Motor (in W)						Technical Data			
-37.2	-31.7	-23.3	-17.8	-12.2	-6.7	Dimensions (L X W X H) in mm	Air Flow (CFM)	No. Of Fans/ Power	Net Weight (kg)
820	910	1046	1220	1520	1995	665 X 661 X 470	1700	1/59W	84
-	959	1099	1271	1568	2038				
-	1109	1262	1417	1689	2128				
-	-	1295	1451	1724	2163				
820	910	1046	1220	1520	1995	665 X 661 X 470	1700	1/59W	84
-	959	1099	1271	1568	2038				
-	1109	1262	1417	1689	2128				
-	-	1295	1451	1724	2163				
1577	1877	2516	2935	3343	3745	1016 X 440 X 800	2630	1/160	90
1439	1862	2508	2931	3348	3812				
1550	1822	2389	2919	3460	3991				
-	1807	2415	2959	3514	4059				
1613	2051	2720	3141	3569	3990	1016 X 440 X 800	2630	1/160	90
1489	1958	2675	3145	3606	4066				
-	1927	2512	3104	3706	4270				
-	1915	2455	3082	3719	4346				

Based on a return gas temperature of 18.3°C. Power includes condenser fan.



Food Service Applications

Indoor Type - High Med. Temp.

RECIPROCATING		Performance at 7.2°C Evap/35°C Ambient			Refrigeration Capacity (in W)						
Model	Nominal HP	Capacity (W)	Power (W)	COP (W/W)	Evap. Temp. / Ambient. Temp. (°C)	-17.8	-12.2	-6.7	-1.1	4.4	7.2
R134A - 1 Phase											
KFE419HAG-BX	0.15	444	240	1.85	35	170	216	260	314	393	444
					43	138	184	223	270	337	-
					46	130	175	211	-	-	-
KFZ421HAG-BX	0.17	646	225	2.87	35	169	226	310	420	560	646
					43	140	220	307	398	529	559.3
					46	-	191	256	-	-	-
KFZ431HAG-BX	0.21	752	249	3.02	35	280	359	449	554	680	752
					43	249	322	404	500	615	680
					46	-	309	388	479	589	650
KFE432HAG-BX	0.22	990	718	1.38	35	-	-	536	662	844	990
					43	-	-	457	569	748	875
					46	-	-	432	539	714	839
KFZ444HAG-BX	0.36	984	432	2.28	35	359	471	595	728	893	984
					43	313	422	518	632	808	921
					46	288	398	492	605	766	872
KFE444HAG-BX	0.36	1075	470	2.29	35	394	497	601	738	943	1075
					43	314	422	519	633	809	921
					46	289	398	492	605	766	873
KFN463HAG-BX	0.53	1458	625	2.33	35	-	-	894	1080	1316	1458
					43	-	-	817	993	1197	1317
					46	-	-	791	962	1154	1266
KFJ467HAG-BX	0.56	1569	700	2.24	35	494	689	900	1140	1417	1569
					43	419	586	769	982	1231	1371
					46	394	551	724	926	1166	1301
KFJ498HAG-CX	0.82	2199	988	2.23	35	983	1091	1303	1595	1978	2199
					43	865	937	1115	1375	1722	1921
					46	-	2130	1074	1359	1717	1892
R22 - 1 Phase											
KFE461HAE-BX	0.51	1603	740	2.17	35	-	-	913	1157	1447	1603
					43	-	-	794	993	1257	1411
					46	-	-	762	946	1204	1357
KFJ511HAE-BX	0.78	2909	1063	2.74	35	-	-	1598	1845	2514	2909
					43	-	-	1354	1548	2167	2534
					46	-	-	1289	1460	2062	2420

		Power Consumption Including Fan Motor (in W)								Technical Data			
10.0	12.8	-17.8	-12.2	-6.7	-1.1	4.4	7.2	10.0	12.8	Dimensions (L X W X H) in mm	Air Flow (CFM)	No. Of Fans/ Power	Net Weight (kg)
505	577	150	155	170	195	225	240	260	275	352 X 290 X 250	250	1/5W	17.5
-	-	160	160	175	200	235	-	-	-				
-	-	165	170	180	-	-	-	-	-				
740	847	152	173	188	202	217	225	236	246	352 X 290 X 250	250	1/5W	17.5
-	-	163	181	195	209	229	240	-	-				
-	-	-	189	199	-	-	-	-	-				
830	-	178	200	214	226	239	249	261	-	457 X 343 X 305	450	1/16W	25
752	-	189	212	229	245	264	277	292	-				
721	-	-	214	232	249	269	283	300	-				
1161	1377	-	-	662	683	708	718	729	740	457 X 343 X 305	450	1/16W	22
1038	1246	-	-	675	700	727	741	756	769				
1000	1205	-	-	682	707	709	737	764	778				
1084	1194	305	316	338	373	419	432	448	471	410 X 356 X 398	450	1/16W	26
1022	1131	313	331	354	399	444	452	478	500				
1000	1149	307	342	372	408	458	468	491	515				
1231	1411	310	335	365	400	440	470	495	525	410X 356 X 398	450	1/16W	23
1056	1213	315	340	375	415	465	495	530	565				
1001	1150	320	345	380	420	475	505	540	575				
1619	1800	-	-	535	560	605	625	645	650	458X 380 X 285	450	1/16W	24
1449	1600	-	-	555	590	640	660	675	680				
1389	1529	-	-	565	600	650	670	680	685				
1730	1900	320	465	540	585	650	700	775	875	457X 379 X 298	480	1/25W	34
1516	1672	325	480	560	615	680	735	810	915				
1442	1591	330	485	570	625	695	750	825	930				
2428	2673	586	665	742	829	929	988	1057	1134	476X 375 X 301	450	1/34W	35
2139	-	609	692	775	868	978	1043	1115	-				
-	-	-	701	785	880	991	1057	-	-				
1758	1922	-	-	590	620	695	740	795	850	458X 380 X 305	550	1/25W	27
1570	1743	-	-	615	650	730	780	830	885				
1521	1696	-	-	620	665	740	790	840	895				
3294	3628	-	-	884	886	989	1063	1141	1219	492X 435 X 385	700	1/34W	40
2891	3196	-	-	921	939	1048	1121	1197	1271				
2764	3056	-	-	932	954	1065	1139	1215	1288				

Indoor Type - Low Temp.

RECIPROCATING		Performance at -23.3°C Evap/32°C Ambient			Refrigeration Capacity (in W)					
Model	Nominal HP	Capacity (W)	Power (W)	COP (W/W)	Evap. Temp. / Ambient. Temp. (°C)	-35.0	-28.9	-23.3	-17.7	-12.2
R134a - 1 Phase										
KFN372LAG-BX	0.18	205	179	1.15	32	106	149	205	275	357
					35	102	138	199	269	351
					43	87	120	179	252	333
KFZ380LAG-BX	0.2	220	174	1.26	32	137	171	220	283	361
					35	136	164	218	281	362
					43	-	132	186	256	340
KFN396LAG-BX	0.24	247	191	1.29	32	102	177	247	316	383
					35	99	172	239	305	369
					43	91	144	198	252	305
KFN415LAG-BX	0.32	431	365	1.18	32	176	299	431	567	708
					35	161	280	407	539	676
					43	123	231	344	464	590

Power Consumption Including Fan Motor (in W)							Technical Data			
-6.7	-35.0	-28.9	-23.3	-17.7	-12.2	-6.7	Dimensions (L X W X H) in mm	Air Flow (CFM)	No. Of Fans/ Power	Net Weight (kg)
451	142	155	179	210	230	260	412X 285 X 250	250	1/5W	19
443	146	160	181	211	234	265				
422	149	163	184	215	245	280				
456	121	144	174	192	209	237	412X 285 X 250	250	1/5W	18
458	148	153	175	193	210	237				
442	-	162	178	195	217	248				
445	154	171	191	215	241	269	404X 285 X 250	250	1/5W	19
428	153	172	193	217	244	273				
357	152	175	200	226	255	286				
858	275	325	365	400	430	470	401X 356 X 330	350	1/11W	21
823	278	326	368	404	438	480				
730	285	330	375	415	460	505				

Based on a return gas temperature of 18.3°C. Power includes condenser fan.

Scope Of Supply-Indoor Type

Indoor Units		Model	Compressor	Filter Drier	Fan with Grill	HP/LP
Cold Room/Process	Reciprocating	KHM511PAL-B37DA0 KHM511PBL-E57DAD	KCM511CAL-B312H KCM511CAL-E512H	✓	✓	✓
		KHM514PAL-B37DA0 KHM514PAL-E57DAD	KCM514CAL-B312H KCM514CAL-E512H	✓	✓	✓
		KHM519PAL-B37DA0 KHM519PAL-E57DAD	KCM519CAL-B312H KCM519CAL-E512H	✓	✓	✓
		KHM522PAL-B37DA0 KHM522PAL-E57DAD	KCM522CAL-B312H KCM522CAL-E512H	✓	✓	✓
	Scroll	KHZ566PAL-D56DA0	ZB66KQE-TFD-551	✓	✓	✓
		KHZ576PAL-D56DA0	ZB76KQE-TFD-551	✓	✓	✓
		KHZ595PAL-D56DA0	ZB95KQE-TFD-551	✓	✓	✓
		KHZ611PAL-E54CA0	ZB114KQE-TFD-551	✓	✓	✓
Milk	Reciprocating	KHR522MAE-B37D21	CR22K6M-PF1-111DM	✓	✓	✓
		KHR530MAE-B37D21	CR30K6M-PF1-111DE	✓	✓	✓
		KHR536MAE-F37D21 KHR536MAE-D57D21	CR36K6M-PFZ-121DM CR36K6M-TFM-121DM	✓	✓	✓
		KHR572MAE-D5FDA1	CR72KQM-TFM-233DM	✓	✓	✓
	Scroll	KHZ545MAE-E56DA3	ZB45KQE-TFD-524	✓	✓	✓
		KHZ548MAE-E56DA3	ZB48KQE-TFD-524	✓	✓	✓

Electrical Box	Front Grill	Moisture Indicator	Solenoid Valve	Receiver	Full Canopy	Rear Grill	Service Valves	Accumulator	Mounting Frame
✓	✓	✓	✓	✓	✓	✓	✓		
✓	✓	✓	✓	✓	✓	✓	✓		
✓	✓	✓	✓	✓	✓	✓	✓		
✓	✓	✓	✓	✓	✓	✓	✓		
✓	✓	✓	✓	✓	✓	✓			
✓	✓	✓	✓	✓	✓	✓			
✓	✓	✓	✓	✓	✓	✓			
✓		✓		✓					
✓	✓				✓	✓			✓
✓	✓				✓	✓			✓
✓	✓	✓	✓	✓	✓	✓	✓		✓
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓				✓
✓	✓	✓	✓	✓	✓				✓

Scope Of Supply-Outdoor Type

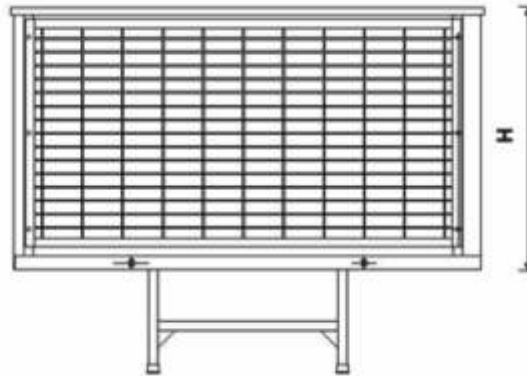
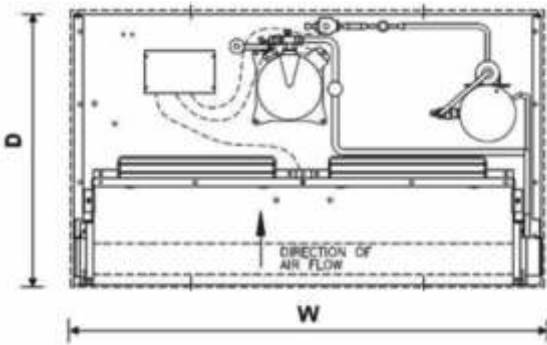
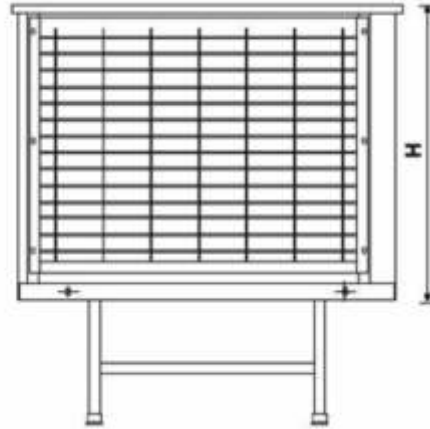
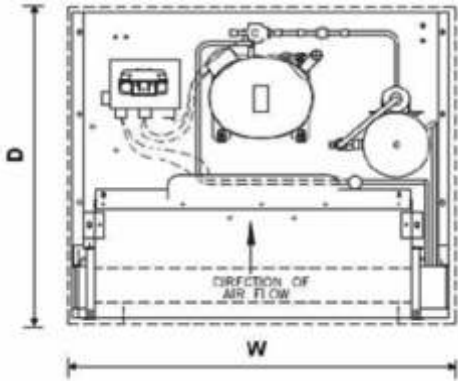
Box Type Units		Model	Compressor	Filter Drier	Fan with Grill	HP/LP
Cold Room/Process	Reciprocating	KHM511PQL-E5086C KHM511PQL-B3086C	KCM511CAL-E510H KCM511CAL-B312H	✓	✓	✓
		KHM514PQL-E5086C	KCM514CAL-E512H	✓	✓	✓
		KHM519PQL-E5086C	KCM519CAL-E513H	✓	✓	✓
		KHJ513PQE-F32C6C	KCJ513HAE-S420H	✓	✓	✓
		KHR522PQE-B338D6 KHR522PQE-D538D6	CR22K6M-PF1-111DM CR22K6M-TFM-111DM	✓	✓	✓
		KHR530PQE-B338D6 KHR530PQE-D538D6	CR30K6M-PF1-111DE CR30K6M-TFM-111DM	✓	✓	✓
		KHR536PQE-B338D6 KHR536PQE-D538D6	CR36K6M-TFM-121DM	✓	✓	✓
		KHR542PQE-D538D6	CR42K6M-TFM-101DM	✓	✓	✓
		KHR553PQE-D5A8AC	CR53KQM-TFD-233DM	✓	✓	✓
		KHR562PQE-D5A8AC	CR62KQM-TFD-233DM	✓	✓	✓
		KHR572PQE-D5A8AC	CR72KQM-TFM-233DM	✓	✓	✓
	Scroll	KHZ515PQE-F3286C KHZ515PQE-E5286C	ZB15KQE-PFJ-524 ZB15KQE-TFD-524	✓	✓	✓
		KHZ519PQE-F3286C KHZ519PQE-E5286C	ZB19KQE-PFJ-524 ZB19KQE-TFD-524	✓	✓	✓
		KHZ521PQE-E50820	ZB21KQE-TFD-524	✓	✓	✓
		KHZ526PQE-E5286C KHZ526PQB-E5286C	ZB26KQE-TFD-524	✓	✓	✓
		KHZ529PQE-E5286C, KHZ529PQB-E5286C	ZB29KQE-TFD-524	✓	✓	✓
		KHZ529PQE-E568AC	ZB29KQE-TFD-524	✓	✓	✓
		KHZ538PQE-E50820 KHZ538PQE-E5286C	ZB38KQE-TFD-524	✓	✓	✓
		KHZ545PQE-D5286C KHZ545PQE-D56D6C	ZB45KQE-TFD-524	✓	✓	✓
		KHZ548PQE-D5286C KHZ548PQE-E5286C	ZB48KQE-TFD-524	✓	✓	✓
		KHZ566PQE-E56DA0	ZB66KQE-TFD-551	✓	✓	✓
		KHZ576PQE-E56DA0	ZB76KQE-TFD-551	✓	✓	✓
Milk	Reciprocating	KHR536MQE-F37D21 KHR536MQE-D57D21	CR36K6M-PFZ-121DM CR36K6M-TFM-121DM	✓	✓	✓
		KHR542MQE-F37D21 KHR542MQE-D57D21	CR42K6M-PFZ-101DM CR42K6M-TFM-101DM	✓	✓	✓
		KHR553MQE-D57D21	CR53KQM-TFD-233DM	✓	✓	✓
		KHR562MQE-D57D21	CR62KQM-TFD-233DM	✓	✓	✓
	Scroll	KHZ515MQE-E56D6C	ZB15KQE-TFD-524	✓	✓	✓
		KHZ521MQE-F37D21 KHZ521MQE-D57D29	ZB21KQE-PFJ-524 ZB21KQE-TFD-524	✓	✓	✓
		KHZ526MQE-E56D6C	ZB26KQE-TFD-524	✓	✓	✓
		KHZ538MQE-D5FDA1	ZB38KQE-TFD-524	✓	✓	✓
Frozen Food	Reciprocating	KHM475LQL-C3EDA4	KCM475LAL-C310H	✓	✓	✓
		KHM475LQL-E5EDA4	KCM475LAL-E510H	✓	✓	✓
		KHM512LQL-E5EDA4	KCM512LAL-E510H	✓	✓	✓
		KHM515LQL-E5EDA4	KCM515LAL-E510H	✓	✓	✓

Service Valves	Moisture Indicator	Solenoid Valve	Receiver	Mounting Frame	Accumulator
✓					
✓					
✓					
✓	✓				
✓					
✓					
✓					
✓					
✓					
✓					
✓					✓
✓					
✓					
✓					
✓					
✓					
✓			✓		
✓					
✓					
✓					
✓	✓	✓	✓		
✓	✓	✓	✓		
✓	✓	✓	✓	✓	
✓	✓	✓	✓		
✓	✓	✓	✓	✓	
✓	✓	✓	✓	✓	
✓	✓	✓	✓	✓	
✓	✓	✓	✓	✓	
✓	✓	✓	✓	✓	
✓	✓	✓	✓	✓	
✓	✓	✓	✓	✓	
✓	✓	✓	✓	✓	
✓	✓	✓	✓	✓	
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓

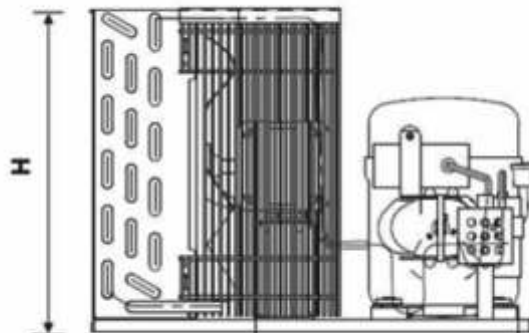
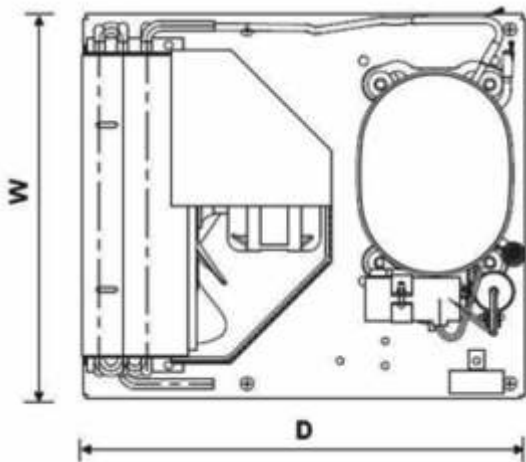
Dimensional Drawings

Indoor Type CDUs

Single/Twin Fan IHP Models

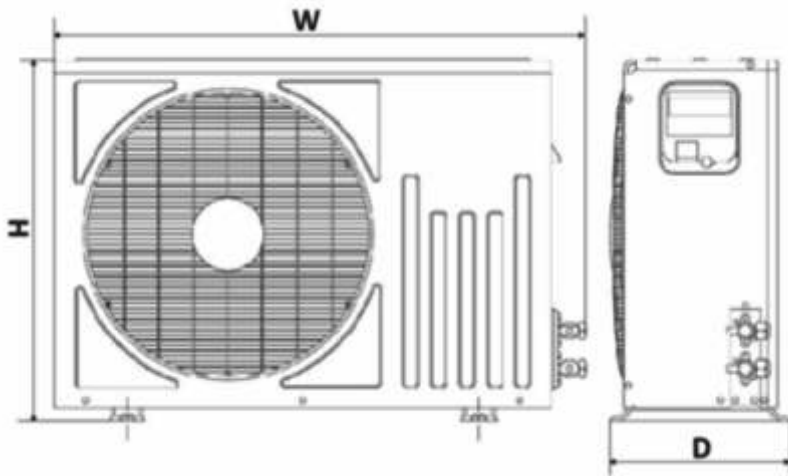


Single Fan FHP Models

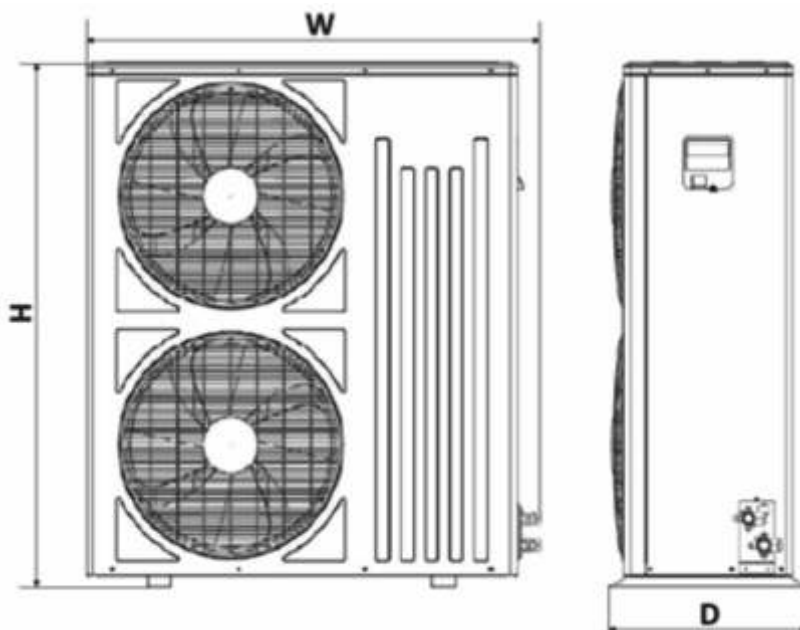


Box Type CDUs

Single Fan Models



Double Fan Models



Electrical Data

Indoor Type Condensing Units		Model	Compressor	Compressor MCC (A)	Compressor LRA (A)
Cold Room/Process	Reciprocating	KHM511PAL-B37DA0	KCM511CAL-B312H	9.5	54
		KHM511PBL-E57DAD	KCM511CAL-E512H	4.5	20
		KHM514PAL-B37DA0	KCM514CAL-B312H	13.5	72
		KHM514PAL-E57DAD	KCM514CAL-E512H	6.1	28
	Scroll	KHM519PAL-B37DA0	KCM519CAL-B312H	17	85
		KHM519PAL-E57DAD	KCM519CAL-E512H	7.3	41
		KHM522PAL-B37DA0	KCM522CAL-B312H	19	104
		KHM522PAL-E57DAD	KCM522CAL-E512H	8	45
Scroll	KHZ566PAL-D56DA0	ZB66KQE-TFD-551	24.5	111	
	KHZ576PAL-D56DA0	ZB76KQE-TFD-551	28	118	
	KHZ595PAL-D56DA0	ZB95KQE-TFD-551	37	140	
	KHZ611PAL-E54CA0	ZB114KQE-TFD-551	39	174	
Milk	Reciprocating	KHR522MAE-B37D21	CR22K6M-PF1-111DM	13.5	54
		KHR530MAE-B37D21	CR30K6M-PF1-111DE	17.8	72
		KHR536MAE-F37D21	CR36K6M-PFZ-121DM	21.3	85
		KHR536MAE-D57D21	CR36K6M-TFM-121DM	7.3	41
	Scroll	KHR572MAE-D5FDA1	CR72KQM-TFM-233DM	19.5	69
		KHZ572MAE-E56DA3	ZB45KQE-TFD-524	14.2	74
		KHZ581MAE-E56DA3	ZB48KQE-TFD-524	19.1	101

Electrical Data

Outdoor Type Condensing Units		Model	Compressor	Compressor MCC (A)	Compressor LRA (A)
Cold Room/Process	Reciprocating	KHM511PQL-E5086C	KCM511CAL-E510H	9.5	54
		KHM511PQL-B3086C	KCM511CAL-B312H	4.5	20
		KHM514PQL-E5086C	KCM514CAL-E512H	13.5 6.1	72 28
		KHM519PQL-E5086C	KCM519CAL-E513H	17 7.3	85 41
		KHJ513PQE-F32C6C	KCJ513HAE-S420H	11.5	36
		KHR522PQE-B338D6	CR22K6M-PF1-111DM	13.5	54
		KHR522PQE-D538D6	CR22K6M-TFM-111DM	4.5	20
		KHR530PQE-B338D6	CR30K6M-PF1-111DE	17.8	72
		KHR530PQE-D538D6	CR30K6M-TFM-111DM	6.1	28
		KHR536PQE-B338D6	CR36K6M-PFZ-121DM	21.3	85
	KHR536PQE-D538D6	CR36K6M-TFM-121DM	7.3	41	
	KHR542PQE-D538D6	CR42K6M-TFM-101DM	8	45	
	KHR553PQE-D5ABAC	CR53KQM-TFD-233DM	13.8	61	
	KHR562PQE-D5A8AC	CR62KQM-TFD-233DM	16	55	
	KHR572PQE-D5A8AC	CR72KQM-TFM-233DM	19.5	69	
	Scroll	KHZ515PQE-F3286C	ZB15KQE-TFD-524	7	26
		KHZ519PQE-F3286C	ZB19KQE-TFD-524	7	32
		KHZ521PQE-E50820	ZB21KQE-TFD-524	10.3	40
		KHZ526PQL-E5286C	ZB26KQE-TFD-524	9	46
		KHZ526PQB-E5286C			
KHZ529PQE-E5286C, KHZ529PQB-E5286C		ZB29KQE-TFD-524	11	50	
KHZ529PQL-E568AC		ZB29KQE-TFD-524	11	50	
KHZ538PQE-E50820		ZB38KQE-TFD-524	14	65.5	
KHZ538PQL-E5286C					
KHZ545PQE-D5286C		ZB45KQE-TFD-524	14.2	74	
KHZ545PQE-D56D6C					
KHZ548PQE-D5286C	ZB48KQE-TFD-524	19.1	101		
KHZ548PQL-D5286C					
KHZ566PQL-E56DA0	ZB66KQE-TFD-551	24.5	111		
KHZ576PQL-E56DA0	ZB76KQE-TFD-551	28	118		
Milk	Reciprocating	KHR536MQE-F37D21	CR36K6M-PFZ-121DM	21.3	85
		KHR536MQE-D57D21	CR36K6M-TFM-121DM	7.3	41
		KHR542MQE-F37D21	CR42K6M-PFZ-101DM	24	104
		KHR542MQE-D57D21	CR42K6M-TFM-101DM	8	45
	KHR553MQE-D57D21	CR53KQM-TFD-233DM	13.8	61	
	KHR562MQE-D57D21	CR62KQM-TFD-233DM	16	55	
	Scroll	KHZ515MQE-E56D6C	ZB15KQE-TFD-524	7	26
		KHZ521MQE-F37D21	ZB21KQE-PFJ-524	21.5	82
KHZ521MQE-D57D29		ZB21KQE-TFD-524	10.3	40	
KHZ526MQE-E56D6C		ZB26KQE-TFD-524	9	46	
KHZ538MQE-D5FDA1	ZB38KQE-TFD-524	14	65.5		
Frozen Food	Reciprocating	KHM475LQL-C3EDA4	KCM475LAL-C313H	13	72
		KHM475LQL-E5EDA4	KCM475LAL-E513H	6.1	28
		KHM512LQL-E5EDA4	KCM512LAL-E513H	8	45
		KHM515LQL-E5EDA4	KCM515LAL-E513H	8	45

Suction Liquid Line Connections

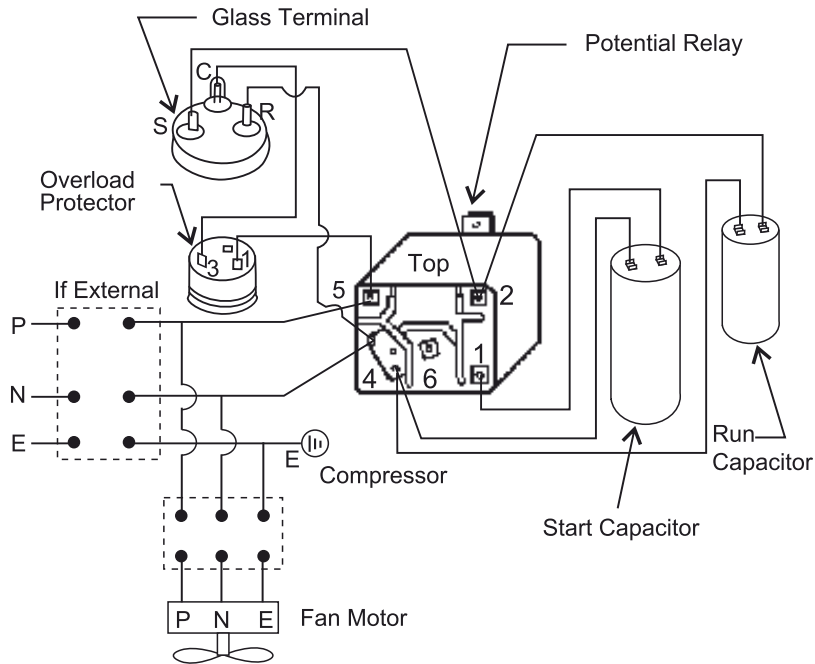
Outdoor Platform			
Type	Condensing Unit Series	Connection Sizes	
		Liquid	Suction
Reciprocating	KHJ513	3/8"	1/2"
	KHM475	3/8"	5/8"
	KHM512	3/8"	5/8"
	KHM515	3/8"	5/8"
	KHM511	3/8"	5/8"
	KHM514	3/8"	5/8"
	KHM519	3/8"	5/8"
	KHR522	3/8"	1/2"
	KHR530	3/8"	1/2"
	KHR536	3/8"	5/8"
	KHR542	3/8"	5/8"
	KHR553	1/2"	5/8"
	KHR562	1/2"	5/8"
KHR572	1/2"	7/8"	
Scroll	KHZ515	3/8"	1/2"
	KHZ519	3/8"	1/2"
	KHZ521	3/8"	5/8"
	KHZ526	1/2"	5/8"
	KHZ529	1/2"	5/8"
	KHZ538	1/2"	7/8"
	KHZ545	1/2"	7/8"
	KHZ548	1/2"	7/8"
	KHZ566	5/8"	1 1/8"
KHZ576	5/8"	1 1/8"	

Indoor Platform			
Type	Condensing Unit Series	Connection Sizes	
		Liquid	Suction
Reciprocating	KHJ513	3/8"	1/2"
	KHR522	3/8"	1/2"
	KHR530	3/8"	1/2"
	KHR536	3/8"	1/2"
	KHR542	3/8"	1/2"
	KHR553	1/2"	5/8"
	KHR562	1/2"	5/8"
	KHR572	1/2"	7/8"
Scroll	KHZ521	3/8"	1/2"
	KHZ538	1/2"	5/8"
	KHZ545	1/2"	7/8"
	KHZ548	1/2"	7/8"
	KHZ566	5/8"	1 1/8"
	KHZ576	5/8"	1 1/8"
	KHZ595	5/8"	1 1/8"
KHZ611	5/8"	1 1/8"	

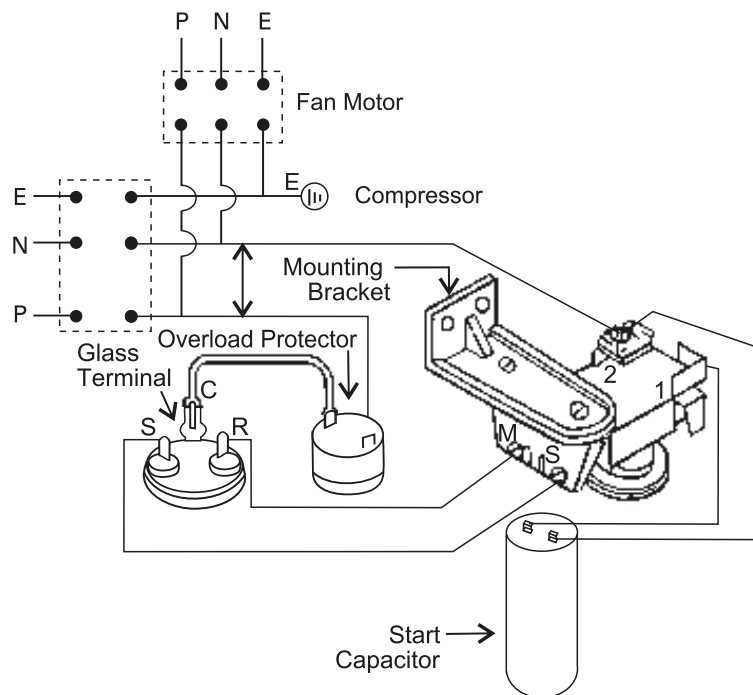
Wiring Diagrams

Fractional Horse Power Condensing Unit

Capacitor Start Capacitor Run (CSCR)



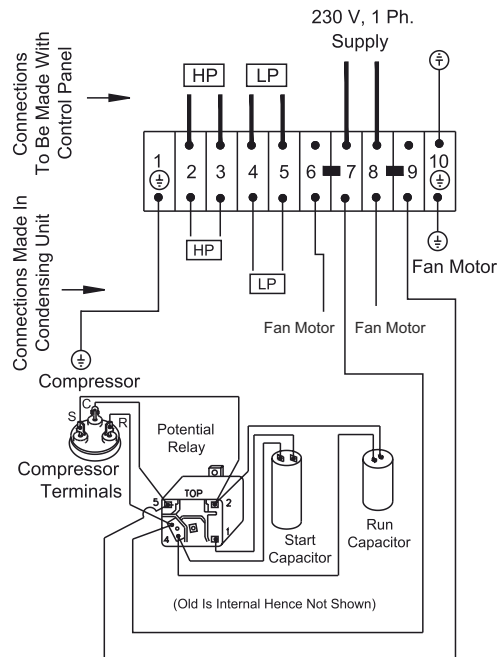
Capacitor Start Induction Run (CSIR) With Current



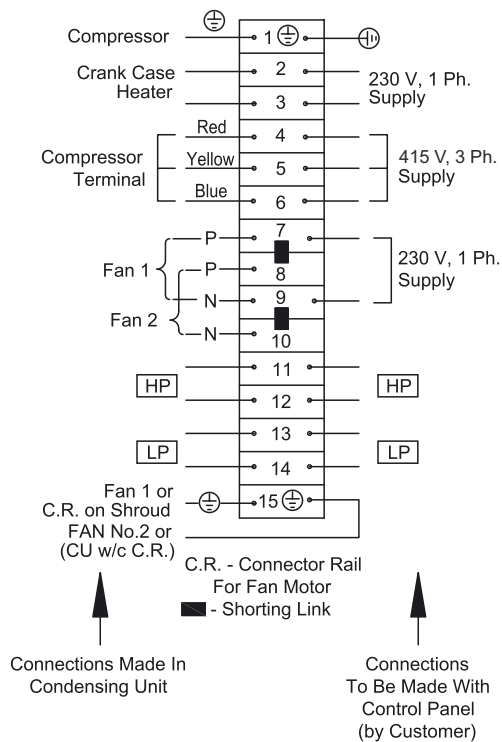
Integral Horse Power Condensing Unit

Connector Diagram

Single Phase



Three Phase



Chiller Cold Room

Room Temperature: +4 °C

Refrigerant:R22

External Room Size m (ft)	External Volume m ³ (ft ³)	Cooling Load kW	India Built Recip CDU	
			Model	Capacity kW
1.8*3.0*2.4 (6*10*8)	13.6 (480)	2.2	KHJ513PQE	2.4
2.4*3.7*2.4 (8*12*8)	21.8 (768)	3.0	KHR522PQE	3.5
3.0*3.7*2.4 (10*12*8)	27.2 (960)	3.8	KHR522PQE	3.5
4.3*4.3*2.4 (14*14*8)	44.4 (1568)	5.1	KHR530PQE	4.6
4.3*4.9*2.4 (14*16*8)	50.8 (1792)	6.0	KHR536PQE	5.8
4.9*4.9*2.4 (16*16*8)	58.0 (2048)	7.1	KHR542PQE	6.6
4.9*6.1*2.4 (16*20*8)	72.5 (2560)	7.7	KHR553PQE	9.4
6.1*6.1*2.4 (20*20*8)	90.7 (3200)	9.1	KHR553PQE	9.4
6.1*7.3*2.4 (20*24*8)	108.8 (3840)	10.6	KHR562PQE	10.8
6.1*7.9*2.4 (20*26*8)	117.8 (4160)	11.5	KHR572PQE	11.7



Refrigerant:R404A

External Room Size m (ft)	External Volume m ³ (ft ³)	Cooling Load kW	India Built Recip CDU	
			Model	Capacity kW
1.8*3.0*2.4 (6*10*8)	13.6 (480)	2.2	KFJ461PQL	2.1
2.4*3.7*2.4 (8*12*8)	21.8 (768)	3.0	KHM511PQL	3.7
3.0*3.7*2.4 (10*12*8)	27.2 (960)	3.8	KHM511PQL	3.7
4.3*4.3*2.4 (14*14*8)	44.4 (1568)	5.1	KHM514PQL	5.0
4.3*4.9*2.4 (14*16*8)	50.8 (1792)	6.0	KHM519PQL	6.0
4.9*4.9*2.4 (16*16*8)	58.0 (2048)	7.1	KHM522PQL	6.8
4.9*6.1*2.4 (16*20*8)	72.5 (2560)	7.7	KHM511PQL * 2	3.7 * 2
6.1*6.1*2.4 (20*20*8)	90.7 (3200)	9.1	KHM514PQL * 2	5.0 * 2
6.1*7.9*2.4 (20*26*8)	117.8 (4160)	11.5	KHM519PQL * 2	6.0 * 2
6.1*9.8*2.4 (20*32*8)	145.0 (5120)	13.8	KHM522PQL * 2	6.8 * 2

Refrigerant: R404A

External Room Size m (ft)	External Volume m ³ (ft ³)	Cooling Load kW	India Built Scroll CDU	
			Model	Capacity kW
2.4*3.7*2.4 (8*12*8)	21.8 (768)	3.0	KHZ515PQL	3.8
3.0*3.7*2.4 (10*12*8)	27.2 (960)	3.8	KHZ515PQL	3.8
4.3*4.3*2.4 (14*14*8)	44.4 (1568)	5.1	KHZ519PQL	4.9
4.3*4.9*2.4 (14*16*8)	50.8 (1792)	6.0	KHZ521PQL	6.2
4.9*4.9*2.4 (16*16*8)	58.0 (2048)	7.1	KHZ526PQL	7.0
4.9*6.1*2.4 (16*20*8)	72.5 (2560)	7.7	KHZ529PQL	8.2
6.1*6.1*2.4 (20*20*8)	90.7 (3200)	9.1	KHZ538PQL	10.3
6.1*7.3*2.4 (20*24*8)	108.8 (3840)	10.4	KHZ538PQL	10.3
6.1*7.9*2.4 (20*26*8)	117.8 (4160)	11.5	KHZ545PQL	12.0
6.1*9.8*2.4 (20*32*8)	145.0 (5120)	13.8	KHZ548PQL	13.6
7.3*7.3*3.6 (24*24*12)	191.8 (6912)	17.3	KHZ566PAL	17.8
7.3*8.4*3.6 (24*28*12)	220.7 (8064)	19.9	KHZ576PAL	20.7
7.3*10.4*3.6 (24*34*12)	273.3 (9792)	24.5	KHZ595PAL	24.0
10.4*12.2*3.6 (34*40*12)	456.7 (16320)	31.60	KHZ611PAL	31.90



Notes:

1. Design Is Based On 43°C Ambient Condition
2. 80mm PUF Panels Considered For Walls & Ceiling
3. Fresh Product Entering Temperature +30°C Is Considered
4. Product Turn Over 10% of Storage Capacity Is Considered
5. Product Pull Down Time 12 Hour Is Considered
6. Safety Factor 10% Is Considered
7. Capacity Is Based On 20 Hour Compressor Run Time
8. Selection Is Based On 5K Evaporator TD To Maintain 90% RH
9. Evaporator Selection Capacity Is Equivalent To CDU Capacity

Softy Machines	
Case	Model
15	KHM511PAL
20	KHM514PAL
30	KHM519PAL
40	KHM522PAL



Bulk Milk Chiller

Daily Milk Load	India Built Recip & Scroll CDUs	
	R22	R404A
500 Liters	KHR522MQE-BX/DX	KHZ515MQL-BX/DX
1000 Liters	KHR536MQE-BX/DX	KHZ521MQL-BX/DX
2000 Liters	KHR536MQE-FX/DX*2 Nos	KHZ521MQL-FX/DX*2Nos
3000 Liters	KHR553MQE-DX*2Nos	KHZ538MQL-DX*2Nos
4000 Liters	KHR572MAE-DX*2Nos	KHZ545MAL-DX*2Nos
5000 Liters	---	KHZ548MAL-DX*2Nos



Notes:

1. Selection Is Based On -1°C Evaporating Temp. & 38°C Ambient Condition As Per IS 5708
2. Power Supply - BX/FX: 1Ph, 50Hz & DX/EX: 3Ph, 50Hz
3. Selection Is Based On 5K Evaporator TD
4. Evaporator Selection Capacity Is Equivalent To CDU Capacity
5. Air-Cooled CDU Built Using Hermetic Reciprocating & Scroll Type Compressor.

Freezer Cold Room

Room Temperature: -20 °C

Refrigerant: R404A

External Room Size m (ft)	External Volume m ³ (ft ³)	Cooling Load kW	KHM CDU	
			Model	Capacity kW
1.8*1.2*2.4 (6*4*8)	5.2 (192)	1.5	KHM475LQL	1.6
2.4*3.0*2.4 (8*10*8)	18.1 (640)	2.7	KHM515LQL	2.8
3.0*3.7*2.4 (10*12*8)	27.2 (960)	2.9	KHM515LQL	2.8
4.3*4.9*2.4 (14*16*8)	50.8 (1792)	4.8	KHM515LQL*2	5.6
4.3*6.1*2.4 (14*20*8)	63.5 (2240)	5.8	KHM515LQL*2	5.6



Notes:

1. Design Is Based On 43°C Ambient Condition
2. 100mm PUF Panels Considered For Walls & Ceiling
3. Frozen Product Entering Temperature -15°C Is Considered
4. Product Turn Over 100% Of Storage Capacity Is Considered
5. Product Pull Down Time 12 Hour Is Considered
6. Safety Factor 10% Is Considered
7. Capacity Is Based On 18 Hour Compressor Run Time
8. Selection Is Based On 5K Evaporator TD
9. Evaporator Selection Capacity Is Equivalent To CDU Capacity
10. Air-Cooled CDU Built Using Hermetic Reciprocating Type Compressor.

WATER CHILLER (15 ° C Inlet & 10° C Outlet)

Flow Rate (Ltr/ Hr)	R22	R134a	R404A
	Model Name	Model Name	Model Name
600	KHJ513PXX	-	-
800	KHR522PXX /MXX	KHM519PBL	KHM511PBL
1000	KHR530PXX /MXX	-	KHM514PBL
1400	KHR536PXX /MXX	-	KHM519PBL
1600	KHR542PXX /MXX	-	-
2000	KHR553PXX /MXX	-	-
2400	KHR562PXX /MXX	-	-
2800	KHR572PBE /MXX	-	-



Deep Freezer

Hard Top (Ltrs)	Glass Top (Ltrs)	Model
300	200	KFN372LAG-BX
400	300	KFN396LAG-BX
500	400	KFN415LAG-BX
800	600	KFN396LAG-BX x 2Nos
1000	800	KFN415LAG-BX x 2Nos



Bottle Cooler

Capacity (Ltr)	R22	R134a
100-120	-	KFE419HAG-BX
220-250	-	KFE432HAG-BX
260-350	-	KFE444HAG-BX
350-500	KFE461HAE-BX	KFN463HAG-BX / KFJ467HAG-BX
600-800	KFJ511HAE-BX	KFJ498HAG-CX



Water cooler

Capacity (Ltr)	R22	R134a
20	-	KFE419HAG-BX
40	-	KFE444HAG-BX
60	KFE461HAE-BX	KFN463HAG-BX / KFJ467HAG-BX
100	KFJ511HAE-BX	KFJ498HAG-CX



Visi Cooler

Case	Model
2(110 Ltr)	KFE419HAG-BX
7(250 Ltr)	KFE432HAG-BX
9(400 Ltr)	KFE444HAG-BX
12(650 Ltr)	KFN463HAG-BX



Based on a return gas temperature of 18.3°C. Power includes condenser fan.

Note: These are preliminary guidelines. The actual compressor selection may differ from the guidelines. Please check the system details before selecting compressor model.

Disclaimer

Technical data given was correct at the time of printing. Updates may occur, and should you need confirmation of a specific value, please contact Emerson stating clearly the information required. Emerson cannot be held responsible for errors in capacities, dimensions, etc., stated herein. Products, specifications and data in this literature are subject to change without notice. The information given herein is based on data and tests which Emerson believes to be reliable and which are in accordance with today's technical knowledge. It is intended for use by persons having the appropriate technical knowledge and skill, at their own discretion and risk. The products given here are designed and adapted for stationary applications only. For transport applications, Please consult with your Emerson representative.

The components listed in this catalogue are not released for use with caustic, poisonous or flammable substances. Emerson cannot be held responsible for any damage caused by using these substances.

SALES OFFICES:

Gurgaon

Emerson Climate Technologies (India) Private Ltd.
18th Floor, Tower B, Building No. 5,
Epitome, DLF Cyber City,
Phase - III, Gurgaon 120 002
Tel: (91-124) 489 4500

Mumbai

Emerson Climate Technologies (India) Pvt. Ltd.
Delphi B-Wing, 601-602,
6th Floor, Central Avenue,
Hiranandani Business Park, Powai,
Mumbai- 400076
Tel: (91-22) 6662 0566

Secunderabad

Emerson Climate Technologies (India) Pvt. Ltd.
C/o Maruthi Corporate Point,
Swapnalok Complex 2nd Floor, Block -B ,
Sarojinidevi Road, Secunderabad-500003
Tel: (91-40) 3315 4018

WAREHOUSES:

Ahmedabad

Emerson Climate Technologies (India) Pvt. Ltd.
C/o Agility Logistics Pvt. Ltd.,
Plot No. 796, Corporate Warehouse Hub,
Opp. Hotel ALFA, National Highway No. 8, Aslali,
Ahmedabad-382 427
Tel: 079-30924722

Bengaluru

Emerson Climate Technologies (India) Pvt. Ltd.
C/o Agility Logistics Pvt. Ltd.,
Shed No. 8, Survey No. 31,
18th KM old Madras Road,
Virgonagar, Bengaluru-560 049
Tel: +919535544086

Chandigarh

Emerson Climate Technologies (India) Pvt. Ltd.
C/o Agility Logistics Pvt. Ltd.,
Plot No. 72, Industrial Area, Phase-I,
Chandigarh-160002
Tel: +919876716788

Chennai

Emerson Climate Technologies (India) Pvt. Ltd.
C/o Agility Logistics Pvt. Ltd.,
Kanishk Warehouse, Sr. No. 204,
Vijayanallur Village Road, Nallur Village,
Cholovaram Po, Ponneri Tk, Chennai-600067.
Tel: (91-44) 325 777936

Gurgaon

Emerson Climate Technologies (India) Pvt. Ltd.
C/o Agility Logistics Pvt. Ltd.,
Khasra No.9/7/2,7/3 Min,8/1 Min, 8/2, 8/3,
Off. Revenue Estate Of Village Gadoli Khurd,
Sector-37 B, Pataudi Road,
Gadoli Khurd (Gurgaon)-122 001
Tel: +919013774070

Howrah

Emerson Climate Technologies (India) Pvt. Ltd.
C/o Agility Logistics Pvt. Ltd.,
Sankrail Industrial PARK,
Mauza-Kandua, Bhagabatipur,
Po-Kandua Howrah-711 302
Tel: Tel: +919093970556

Lucknow

Emerson Climate Technologies (India) Pvt. Ltd.
C/o Agility Logistics Pvt. Ltd.,
C-522, Maya Bhagwan Complex,
Near Shaheed Path Road, Transport Nagar,
Lucknow-226 008
Tel: +919044225771

Mumbai

Emerson Climate Technologies (India) Pvt. Ltd.
Unit No. 59, Ground Floor, 'AA' Wing,
Building No.1, at Kailas Industrial complex,
CTS No. 1/7 & 1/11, Veer Savarkar Marg,
Near Hiranandani Park,
Vikhroli (West), Mumbai-400 079
Tel: (91-22) 4270 8001

New Delhi

Emerson Climate Technologies (India) Pvt. Ltd.
56, Rama Road Industrial Area,
Nr. Mahindra Showroom,
New Delhi-110 015
Tel: (91-11) 45751000

Secunderabad

Emerson Climate Technologies (India) Pvt. Ltd.
C/o Agility Logistics Pvt. Ltd, # 8-122,
Devaryamjal Road, Kompally, Shameerpet Mandal,
Ranga Reddy Dist.,
Secunderabad-500014,
Tel: (91) 9247000174/9000649871

COLD CHAIN CENTERS

Chakan

Emerson Climate Technologies (India) Pvt. Ltd.
Plot No. G-8/3, Block M.I.D.C.
Chakan Industrial Area, Phase - III,
Taluka : Khed. Dist : Pune - 410 501
Tel: (91- 2135) 625300

Gurgaon

Emerson Climate Technologies (India) Pvt. Ltd.
Plot No. 127,
Udyog Vihar, Phase IV,
Gurgaon - 122 015, Haryana
Tel: (91 124) 2866600

PLANT

Atit Pali Road, Atit - 415 519, Maharashtra.
Tel: (91-2162) 224200, Fax: (91-2162) 262069

REGISTERED HEAD OFFICE

Emerson Climate Technologies (India) Pvt. Ltd.
Plot No. 23, Rajiv Gandhi Infotech Park, Phase - II, Hinjewadi, Pune-411 057
Tel: (91-20) 4200 2000, Fax: (91-20) 4200 2099

www.EmersonClimate.com/India

☎ 1800-209-1700 ✉ ClimateIndia@Emerson.com

Emerson and Copeland are trademarks of Emerson Electric Co. or one of its affiliated companies.
©2017 Emerson Climate Technologies (India) Pvt. Limited. All rights reserved.



EMERSON. CONSIDER IT SOLVED.™