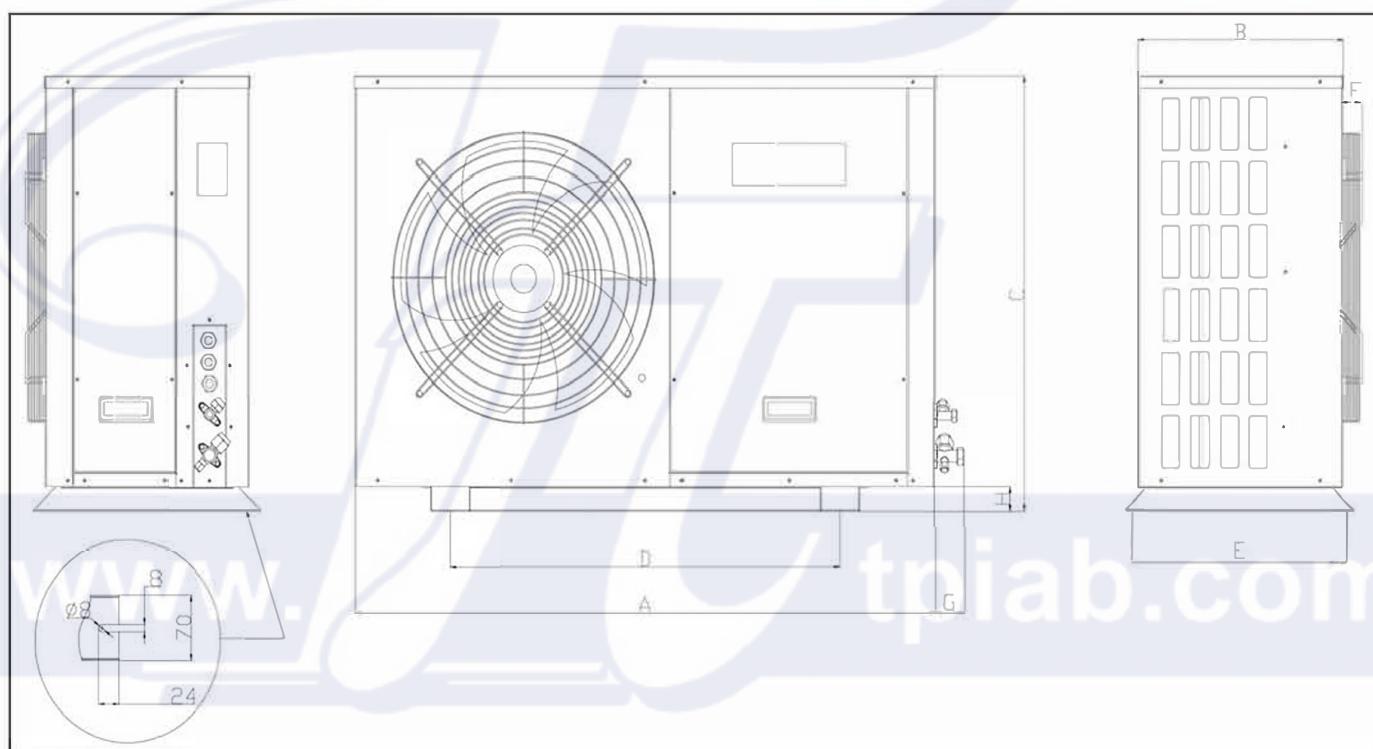
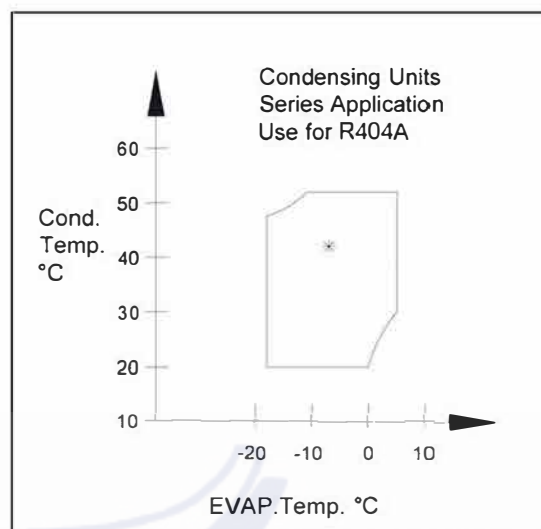


Box type Condensing Units Horizontal Discharge (Medium/High temp.)

DIMENSIONS:
Tab.1 REFRIGERATION SERIES (COLD ROOM TEMP. -10°C ~10 °C), R404A

Model	EI100DG M/H-B	EI150DG M/H-B	EI200DG M/H-B	EI200SG M/H-B	EI250DG M/H-B	EI250SG M/H-B	EI300DG M/H-B	EI300SG M/H-B	EI350DG M/H-B	EI350SG M/H-B	EI400SG M/H-B	EI500SG M/H-B	EI600SG M/H-B
A	850	850	1030	1030	1030	1030	1030	1030	1120	1120	1120	1120	1120
B	320	320	360	360	360	360	360	360	430	430	430	430	430
C	610	610	700	700	700	700	700	700	800	800	800	1255	1255
D	540	540	690	690	690	690	690	690	720	720	720	720	720
E	340	340	380	380	380	380	380	380	450	450	450	450	450
F	30	30	30	30	30	30	30	30	30	30	30	30	30
G	51	51	64	64	64	64	64	64	64	64	64	70	70
H	40	40	40	40	40	40	40	40	40	40	40	40	40

All dimensions are in mm;

The specs are subject to change, with technology improvement.

Technical Data of Condensing Units with Horizontal Discharge series : EIxxxxxM/H-B:
Tab.2 REFRIGERATION SERIES (COLD ROOM TEMP. -10°C~10°C), R404A

Model	Unit	EI100DG M/H-B	EI150DG M/H-B	EI200DG M/H-B	EI200SG M/H-B	EI250DG M/H-B	EI250SG M/H-B	EI300DG M/H-B	EI300SG M/H-B	EI350DG M/H-B	EI350SG M/H-B	EI400SG M/H-B	EI500SG M/H-B	EI600SG M/H-B
Comp. Power	HP	1HP	1.5HP	2HP	2HP	2.5HP	2.5HP	3HP	3HP	3.5HP	3.5HP	4HP	5HP	6HP
Nominal Capacity	W	1800	2300	3800	3800	4800	4950	5750	5600	6300	6600	7700	9700	11300
Input Power	W	1000	1200	2000	1800	2000	2120	2720	2650	3200	3100	3670	4430	5200
Rate Current	A	5.7	6.9	12.3	4.5	13.7	4.5	17.6	6	20.2	7.5	8	9.7	12.7
Max.Load Current	A	8.5	10.5	16.8	6.8	18.8	6.8	24	9	25	11	11.5	14	18.5
Start Current	A	33	36.5	58	30	65	36	85	46	102	51	56	71	79
Voltage/Hz	V/Hz	230-240V~50	230-240V~50	230-240V~50	400-415V, 3N~50	230-240V~50	400-415V, 3N~50	230-240V~50	400-415V, 3N~50	230-240V~50	400-415V, 3N~50	400-415V, 3N~50	400-415V, 3N~50	400-415V, 3N~50
Evaporating Temp.		-15~10		-15~5										
Ambient Temp.		10~45												
Compressor Model		Piston Comp.			Copeland Hermetic Scroll Compressor									
Condenser Air Volume	M ³ /hr	1000	1500	2200	2200	2200	2200	3200	3200	3200	3200	4200	5400	6400
Condenser Fan Power	W	110	130	180	180	180	180	320	320	320	320	320	340	640
Fan Diameter	mm	350	350	450	450	450	450	450	450	450	450	450	2×450	2×450
Gas Pipe Diameter	in.	1/2	1/2	5/8	5/8	5/8	5/8	5/8	5/8	3/4	3/4	3/4	7/8	7/8
Liquid Pipe Diameter	in.	3/8	3/8	3/8	3/8	3/8	3/8	3/8	3/8	1/2	1/2	1/2	1/2	1/2
Refrigerant		R404A												
Refrigerant Injection	Kg	1.1	1.5	2.3	2.3	3	3	3.6	3.6	4.2	4.2	4.5	5.6	6.5
Model	Unit	EI100DG M/H-B	EI150DG M/H-B	EI200DG M/H-B	EI200SG M/H-B	EI250DG M/H-B	EI250SG M/H-B	EI300DG M/H-B	EI300SG M/H-B	EI350DG M/H-B	EI350SG M/H-B	EI400SG M/H-B	EI500SG M/H-B	EI600SG M/H-B
Comp. Power	HP	1HP	1.5HP	2HP	2HP	2.5HP	2.5HP	3HP	3HP	3.5HP	3.5HP	4HP	5HP	6HP
Dimension	mm	850×320×500	850×320×500	1030×360×700	1030×360×700	1030×360×700	1030×360×700	1030×360×700	1030×360×700	1120×430×800	1120×430×800	1120×430×800	1120×430×1255	1120×430×1255
W×D×H														
Noise@1m	dB(A)	50	50	59	59	59	59	68	68	68	68	68	62	72
Noise@10m	dB(A)	36	36	38	38	38	38	41	41	41	41	41	40	43
Net Weight	Kg	50	50	70	70	72	72	72	72	80	80	88	105	110

The specs are subject to change, with technology improvement.

Capacity parameters for CDU R404A

Model	Compressor	Horsepower	Capacity/Input Power	Condensing temperature	Evaporating temperature							
		HP	W	℃	-25	-20	-15	-10	-7	-5	0	5
EI100DGM/H	CAJ9510Z	1HP	Capacity	30	937	1198	1509	1877	2135	2308	2809	3388
				40	750	984	1255	1568	1786	1931	2352	2837
				45		874	1124	1410	1607	1739	2119	2557
				50		764	993	1252	1429	1547	1887	2277
				57		609	810	1030	1179	1278	1561	1884
			Input Power	30	697	756	812	862	889	907	946	978
				40	715	790	862	930	968	993	1051	1103
				45			880	957	1001	1030	1098	1161
				50		809	898	984	1034	1067	1145	1218
				57			924	1022	1080	1119	1211	1299
EI150DGM/H	CAJ9513Z	1.5HP	Capacity	30	1110	1479	1899	2380	2711	2932	3561	4279
				40	814	1153	1527	1945	2228	2416	2949	3554
				45		988	1337	1721	1979	2150	2633	3179
				50		824	1147	1497	1730	1885	2317	2804
				57		593	881	1184	1381	1513	1875	2279
			Input Power	30	767	857	933	997	1033	1056	1111	1167
				40	749	871	977	1071	1122	1156	1236	1316
				45			984	1093	1153	1192	1286	1378
				50		850	990	1114	1183	1228	1336	1440
				57			999	1144	1225	1279	1406	1527
EI200DGM/H	ZB15KQE-PFJ	2HP	Capacity	30	2185	2736	3328	4133	4647	4990	5938	7080
				40	1777	2280	2850	3515	3943	4228	5083	6033
				45		2014	2551	3159	3559	3826	4608	5462
				50		1748	2252	2803	3176	3425	4133	4891
				57		1376	1833	2304	2639	2863	3468	4092
			Input Power	30	1430	1430	1410	1380	1368	1360	1330	1320
				40	1852	1833	1790	1751	1726	1710	1670	1650
				45			2065	2006	1972	1950	1900	1865
				50		2420	2340	2260	2218	2190	2130	2080
				57			2725	2616	2562	2526	2452	2381
EI200SGM/H	ZB15KQE-TFD	2HP	Capacity	30	2189	2740	3329	4136	4649	4991	5941	7081
				40	1780	2284	2854	3519	3946	4231	5086	6036
				45			2555	3163	3562	3828	4611	5466
				50		1752	2255	2806	3177	3424	4136	4896
				57			1836	2308	2638	2859	3471	4098
			Input Power	30	1424	1424	1404	1374	1362	1354	1324	1314
				40	1844	1824	1784	1744	1720	1704	1664	1644
				45			2059	1999	1966	1944	1894	1859
				50		2414	2334	2254	2212	2184	2124	2074
				57			2719	2611	2557	2520	2446	2375

Model	Compressor	Horsepower	Capacity/Input Power	Condensing temperature	Evaporating temperature							
		HP	W	°C	-25	-20	-15	-10	-7	-5	0	5
EI250DGM/H	ZB19KQE-PFJ	2.5HP	Capacity	30	2603	3230	3990	4845	5444	5843	6983	8313
				40	2223	2755	3420	4180	4693	5035	6033	7173
				45			3111	3800	4285	4608	5534	6579
				50		2271	2803	3420	3876	4180	5035	5985
				57			2370	2888	3304	3582	4337	5154
			Input Power	30	1560	1560	1550	1550	1544	1540	1540	1540
				40	1950	1950	1950	1940	1934	1930	1920	1910
				45			2195	2185	2176	2170	2155	2140
				50		2450	2440	2430	2418	2410	2390	2370
				57			2783	2773	2757	2746	2719	2692
EI250SGM/H	ZB19KQE-TFD	2.5HP	Capacity	30	2749	3376	4136	4991	5590	5989	7129	8459
				40	2369	2901	3566	4326	4839	5181	6179	7319
				45			3258	3946	4431	4754	5680	6725
				50		2417	2949	3566	4022	4326	5181	6131
				57			2517	3034	3450	3728	4483	5300
			Input Power	30	1664	1664	1654	1654	1648	1644	1644	1644
				40	2054	2054	2054	2044	2038	2034	2024	2014
				45			2299	2289	2280	2274	2259	2244
				50		2554	2544	2534	2522	2514	2494	2474
				57			2887	2877	2861	2850	2823	2796
EI300DGM/H	ZB21KQE-PFJ	3HP	Capacity	30	3420	4228	5130	6175	6916	7410	8788	10355
				40	2993	3658	4465	5368	5995	6413	7648	9025
				45			4085	4916	5501	5890	7006	8289
				50		3088	3705	4465	5007	5368	6365	7553
				57			3173	3833	4315	4636	5467	6522
			Input Power	30	2180	2180	2180	2170	2170	2170	2160	2160
				40	2650	2650	2650	2640	2634	2630	2620	2600
				45			2945	2935	2929	2925	2910	2890
				50		3240	3240	3230	3224	3220	3200	3180
				57			3653	3643	3637	3633	3606	3586
EI300SGM/H	ZB21KQE-TFD	3HP	Capacity	30	3281	4089	4991	6036	6777	7271	8649	10216
				40	2854	3519	4326	5229	5856	6274	7509	8886
				45			3946	4778	5362	5751	6868	8150
				50		2949	3566	4326	4868	5229	6226	7414
				57			3034	3695	4176	4497	5329	6383
			Input Power	30	2084	2084	2084	2074	2074	2074	2064	2064
				40	2554	2554	2554	2544	2538	2534	2524	2504
				45			2849	2839	2833	2829	2814	2794
				50		3144	3144	3134	3128	3124	3104	3084
				57			3557	3547	3541	3537	3510	3490
EI350DGM/H	ZB26KQE-PFJ	3.5HP	Capacity	30	3477	4351	5363	6517	7344	7895	9462	11258
				40	2964	3705	4579	5596	6314	6793	8132	9690
				45			4166	5111	5775	6218	7462	8911
				50		3012	3753	4627	5236	5643	6793	8132
				57			3174	3948	4482	4838	5855	7041
			Input Power	30	2490	2490	2490	2480	2474	2470	2460	2460
				40	3050	3040	3040	3030	3024	3020	3000	2990
				45			3380	3370	3361	3355	3335	3320
				50		3730	3720	3710	3698	3690	3670	3650
				57			4196	4186	4169.8	4159	4139	4112

Model	Compressor	Horsepower	Capacity/Input Power	Condensing temperature	Evaporating temperature							
		HP	W	°C	-25	-20	-15	-10	-7	-5	0	5
EI350SGM/H	ZB26KQE-TFD	3.5HP	Capacity	30	3860	4800	5850	7030	7918	8510	10140	11900
				40	3340	4100	5080	6100	6832	7320	8710	10350
				45			4615	5590	6268	6720	8010	9550
				50		3400	4150	5080	5704	6120	7310	8750
				57			3499	4366	4914	5280	6330	7630
			Input Power	30	2400	2400	2400	2390	2384	2380	2370	2370
				40	2950	2940	2940	2919	2926	2930	2910	2900
				45			3285	3270	3267	3265	3245	3230
				50		3640	3630	3620	3608	3600	3580	3560
				57			4113	4110	4086	4069	4049	4022
EI400SGM/H	ZB30KQE-TFD	4HP	Capacity	30	4516	5609	6844	8269	9266	9931	11831	13921
				40	3851	4801	5894	7129	8012	8601	10216	12116
				45		4374	5371	6511	7324	7865	9385	11166
				50		3946	4849	5894	6635	7129	8554	10216
				57		3348	4117	5029	5671	6098	7390	8886
			Input Power	30	2704	2694	2684	2674	2662	2654	2644	2634
				40	3334	3324	3314	3294	3276	3264	3244	3224
				45			3709	3689	3671	3659	3634	3609
				50		4124	4104	4084	4066	4054	4024	3994
				57			4657	4637	4619	4607	4570	4533
EI500SGM/H	ZB38KQE-TFD	5HP	Capacity	30	5609	6939	8459	10264	11489	12306	14634	17294
				40	4849	5941	7319	8839	9922	10644	12686	15014
				45			6678	8103	9100	9765	11665	13826
				50		4944	6036	7366	8278	8886	10644	12639
				57			5139	6336	7128	7656	9214	10976
			Input Power	30	3324	3334	3334	3324	3312	3304	3284	3254
				40	4084	4094	4094	4094	4094	4094	4074	4044
				45			4554	4554	4554	4554	4539	4514
				50		5004	5014	5014	5014	5014	5004	4984
				57			5658	5658	5658	5658	5655	5642
EI600SGM/H	ZB45KQE-TFD	6HP	Capacity	30	6606	8174	10026	12116	13570	14539	17294	20429
				40	5704	7034	8601	10406	11660	12496	14919	17674
				45			7865	9528	10682	11451	13684	16249
				50		5846	7129	8649	9703	10406	12449	14824
				57			6098	7419	8333	8943	10720	12829
			Input Power	30	4054	4064	4054	4034	4022	4014	3974	3944
				40	4934	4944	4944	4934	4922	4914	4874	4844
				45			5464	5459	5453	5449	5404	5389
				50	634	5984	5984	5984	5984	5984	5934	5934
				57			6712	6719	6728	6733	6676	6697
EI800SGM/H	ZB58KQE-TFD	8HP	Capacity	30	8459	10691	13256	16154	18206	19574	23374	27744
				40	6701	8791	11119	13684	15451	16629	19954	23659
				45			9884	12306	13945	15038	18101	21521
				50		6559	8649	10929	12439	13446	16249	19384
				57			6920	9000	10331	11219	13655	16391
			Input Power	30	5464	5474	5494	5514	5532	5544	5574	5594
				40	6754	6704	6654	6654	6654	6654	6654	6654
				45			7454	7404	7389	7379	7354	7354
				50		8354	8254	8154	8124	8104	8054	8054
				57			9374	9204	9153	9119	9034	9034