

Model : ZS1520D1

Rotational Speed: 1500 min⁻¹

Cooling capacity[W] * Refrigerant:R404A, Suction Temperature:18°C, Sub cool:5°C

Condensing Temp. °C	Evaporating Temp. °C											
	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
35	324	370	451	561	700	868	1064	1290	1544	1828	2141	2483
45	261	311	386	484	607	753	923	1117	1335	1576	1842	2132
55	179	242	315	402	505	625	762	915	1084	1268	1468	1683

Motor Input[w]

Condensing Temp. °C	Evaporating Temp. °C											
	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
35	363	382	403	418	429	437	441	442	463	483	504	513
45	464	480	495	509	523	535	546	556	565	573	580	586
55	628	649	669	679	697	715	734	753	772	790	808	824

Current[A]

Condensing Temp. °C	Evaporating Temp. °C											
	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
35	4.4	4.6	4.9	5.0	5.2	5.3	5.3	5.3	5.6	5.9	6.2	6.3
45	5.6	5.8	6.0	6.1	6.3	6.4	6.6	6.7	6.9	7.0	7.1	7.2
55	7.6	7.8	8.1	8.2	8.4	8.6	8.9	9.1	9.4	9.6	9.9	10.1

Rotational Speed: 2000 min⁻¹

Cooling capacity[W] * Refrigerant:R404A, Suction Temperature:18°C, Sub cool:5°C

Condensing Temp. °C	Evaporating Temp. °C											
	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
35	426	492	601	750	940	1171	1442	1753	2105	2498	2932	3406
45	356	424	525	659	827	1028	1262	1531	1832	2167	2536	2938
55	291	347	431	544	685	856	1056	1284	1542	1829	2145	2490

Motor Input[w]

Condensing Temp. °C	Evaporating Temp. °C											
	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
35	467	490	514	532	547	558	565	569	600	632	664	682
45	586	606	625	643	661	677	692	707	721	734	746	757
55	743	767	790	807	827	847	865	883	901	917	933	948

Current[A]

Condensing Temp. °C	Evaporating Temp. °C											
	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
35	4.5	4.7	4.9	5.1	5.2	5.3	5.4	5.5	5.8	6.1	6.4	6.6
45	5.7	5.8	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4
55	7.2	7.4	7.6	7.7	7.9	8.1	8.3	8.5	8.7	8.8	9.0	9.2

Rotational Speed: 3000 min⁻¹

Cooling capacity[W] * Refrigerant:R404A, Suction Temperature:18°C, Sub cool:5°C

Condensing Temp. °C	Evaporating Temp. °C											
	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
35	593	732	922	1162	1454	1797	2191	2636	3132	3679	4277	4926
45	534	641	796	1001	1255	1558	1910	2311	2761	3260	3809	4406
55	441	538	675	851	1067	1322	1617	1951	2325	2739	3192	3684

Motor Input[w]

Condensing Temp. °C	Evaporating Temp. °C											
	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
35	649	686	727	764	795	822	844	863	877	887	895	899
45	830	856	883	909	936	963	990	1017	1044	1071	1098	1126
55	1027	1060	1093	1118	1147	1175	1202	1229	1256	1282	1308	1334

Current[A]

Condensing Temp. °C	Evaporating Temp. °C											
	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
35	4.5	4.7	5.0	5.2	5.4	5.6	5.7	5.8	5.9	6.0	6.1	6.1
45	5.7	5.9	6.0	6.2	6.3	6.5	6.7	6.9	7.1	7.3	7.5	7.7
55	7.1	7.3	7.4	7.6	7.8	8.0	8.1	8.3	8.5	8.7	8.9	9.1

Model : ZS1520D1

Rotational Speed: 3900 min-1

Cooling capacity[W]

* Refrigerant:R404A, Suction Temperature:18°C, Sub cool:5°C

Condensing Temp. °C	Evaporating Temp. °C											
	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
35	758	937	1181	1491	1865	2305	2810	3380	4016	4716	5482	6313
45	680	828	1035	1302	1628	2012	2456	2959	3522	4143	4823	5563
55	569	687	858	1080	1354	1681	2060	2491	2974	3510	4097	4737

Motor Input[w]

Condensing Temp. °C	Evaporating Temp. °C											
	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
35	846	880	925	966	1005	1043	1079	1114	1149	1182	1215	1248
45	1047	1079	1112	1147	1184	1222	1262	1304	1347	1393	1439	1488
55	1233	1270	1320	1367	1410	1453	1495	1536	1578	1619	1661	1703

Current[A]

Condensing Temp. °C	Evaporating Temp. °C											
	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
35	4.7	4.9	5.1	5.3	5.4	5.6	5.8	6.0	6.1	6.3	6.5	6.7
45	5.8	6.0	6.1	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.7	8.0
55	6.9	7.0	7.2	7.4	7.6	7.8	8.0	8.2	8.4	8.7	8.9	9.1

Rotational Speed: 5000 min-1

Cooling capacity[W]

* Refrigerant:R404A, Suction Temperature:18°C, Sub cool:5°C

Condensing Temp. °C	Evaporating Temp. °C											
	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
35	1050	1312	1637	2026	2480	2998	3582	4232	4948	5730	6579	7495
45	974	1167	1425	1750	2141	2599	3122	3712	4369	5091	5880	6735
55	804	976	1200	1477	1807	2190	2626	3115	3657	4253	4902	5605

Motor Input[w]

Condensing Temp. °C	Evaporating Temp. °C											
	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
35	1069	1119	1170	1223	1276	1329	1382	1436	1490	1545	1601	1659
45	1311	1348	1389	1435	1486	1541	1601	1666	1735	1808	1886	1969
55	1654	1694	1721	1756	1794	1835	1879	1927	1980	2037	2099	2166

Current[A]

Condensing Temp. °C	Evaporating Temp. °C											
	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
35	4.8	5.0	5.2	5.4	5.5	5.7	5.9	6.1	6.3	6.5	6.8	7.0
45	5.9	6.0	6.1	6.3	6.5	6.6	6.9	7.1	7.4	7.7	8.0	8.3
55	7.5	7.6	7.6	7.7	7.8	7.9	8.1	8.2	8.4	8.6	8.9	9.1

Rotational Speed: 5500 min-1

Cooling capacity[W]

* Refrigerant:R404A, Suction Temperature:18°C, Sub cool:5°C

Condensing Temp. °C	Evaporating Temp. °C											
	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
35	994	1302	1678	2120	2627	3200	3840	4546	5318	6158	7065	8040
45	905	1142	1447	1819	2259	2767	3342	3986	4696	5475	6321	7235
55	793	967	1205	1505	1871	2300	2793	3349	3969	4653	5399	6208

Motor Input[w]

Condensing Temp. °C	Evaporating Temp. °C											
	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
35	1166	1222	1280	1340	1400	1461	1523	1586	1650	1715	1782	1851
45	1430	1469	1514	1566	1624	1688	1758	1834	1917	2006	2101	2202
55	1818	1855	1879	1891	1932	1983	2045	2117	2200	2293	2396	2509

Current[A]

Condensing Temp. °C	Evaporating Temp. °C											
	-45	-40	-35	-30	-25	-20	-15	-10	-5	0	5	10
35	4.9	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.9	7.1
45	6.0	6.1	6.2	6.3	6.5	6.7	6.9	7.2	7.4	7.8	8.1	8.5
55	7.6	7.7	7.7	7.6	7.7	7.8	8.0	8.3	8.5	8.9	9.2	9.7