

# SEES

## Condensing Units



Performance efficiency & running cost is key to our product development. We listen carefully to customer feedback and develop fully factory built units that are silent, economical, efficient and has simple installation.

Introducing the Daikin SEES series of condensing unit which brings further benefits in terms of higher efficiency and lower running costs.

## APPLICATIONS



Food Retail



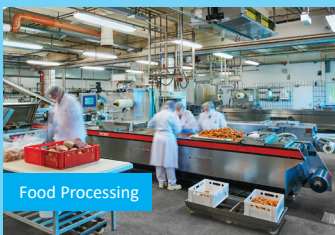
Cold Storage



Brewery



Restaurant



Food Processing



Hotels

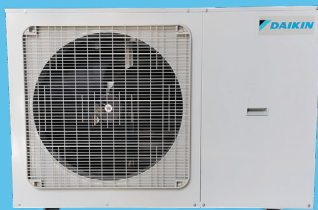


Bar



Warehouse

## PRODUCT OVERVIEW



### Silent

Quiet units blend seamlessly into the local environment



### Efficiency improve

System improvement contribute to higher COP



### Economical

More value for money with energy-efficient solution



### Simple Installation

Factory fitted components allows quick and simple installation



## DESIGNATION

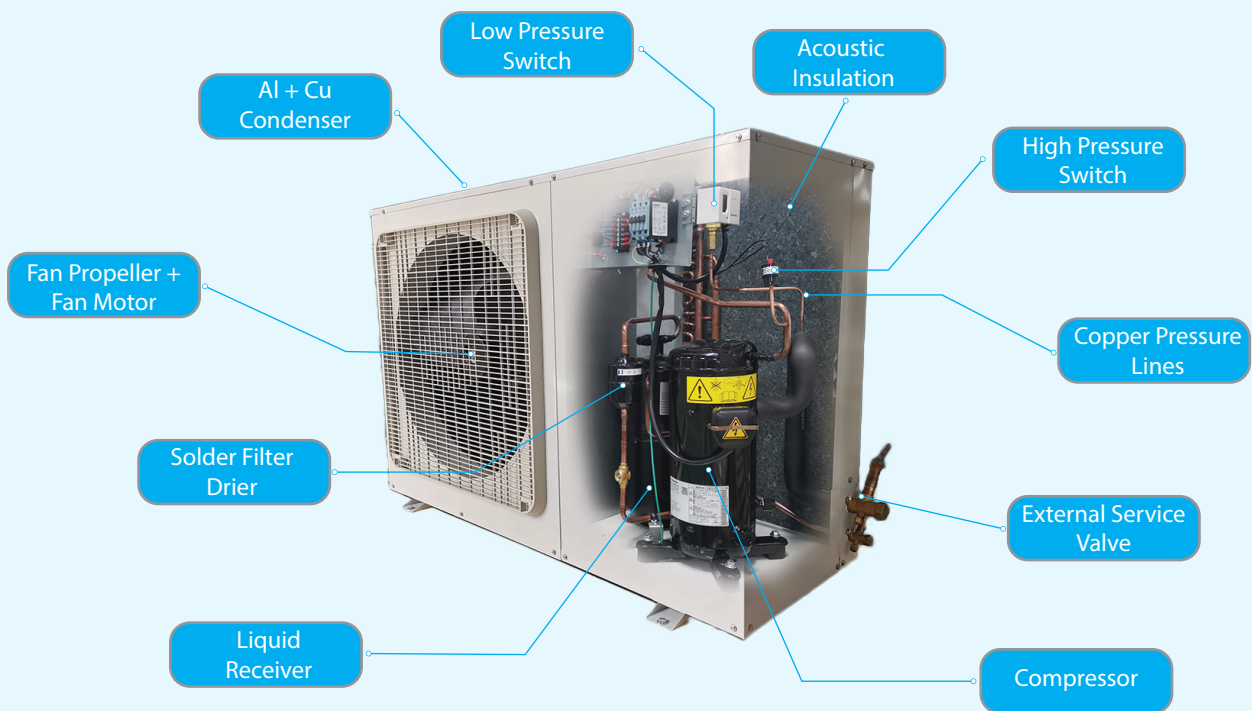
**L R M S F S 0 4 0 0 F X Y 1**  
 (1) (2) (3) (4) (5) (6) (7) (8) (9)

<b>1</b> Product Category	<b>L</b> - Refrigeration
<b>2</b> Unit Category	<b>R</b> - Outdoor Unit <b>F</b> - Indoor Unit
<b>3</b> Compressor Code	<b>LS</b> - Low Temperature Scroll <b>LV</b> - Low Temperature Scroll Vapor Injection <b>MS</b> - Medium Temperature Scroll <b>MY</b> - Medium Temperature Rotary
<b>4</b> Additional Features	<b>F</b> - Fan Speed Controller <b>Blank</b> - Without Fan Speed Controller
<b>5</b> Refrigerant	<b>S</b> - R404A
<b>6</b> Horsepower	0400 = 4 hp Divide the number by 100 to get the compressor horsepower
<b>7</b> BOM Variance	<b>A</b> - A casing <b>F</b> - F casing
<b>8</b> Special Symbol	<b>X</b> - Product manufactured from Daikin Refrigeration Malaysia
<b>9</b> Voltage Code	<b>V1</b> - 1 ph/50Hz/220-240V <b>Y1</b> - 3 ph/50Hz/380- 415V



# FEATURES OVERVIEW

	SEES Series
Compressor	Scroll & Rotary
Condensor Coil	Standard 7mm & 3/8"
Condenser Fan	AC
Liquid Receiver	yes
External Service Valves	yes
Liquid Ball Valve	—
Solder Filter Drier	yes
Flare Filter Drier	—
Solder Sight Glass	yes
Oil Separator (LT)	yes
Flexible Pressure Lines	—
Copper Pressure Lines	yes
Electrical Control Box	yes
Mains Isolator	—
Fan Speed Controller	—
High Pressure Switch	Fixed
Low Pressure Switch	Adjustable
Crankcase Heater	Low Temp
Acoustic Insulation	yes



# UNIT SPECIFICATIONS

## Low Temperature (Rotary and Scroll)

### 3 PHASE

No	MODEL	CODE	COMPRESSOR		AIR FLOW m3 /hr	FAN MOTOR		CONNECTIONS		RECEIVER VOLUME (L)	NET WEIGHT (KG)	SPL @ 10m dB(A)	DIMENSION		
			TYPE	NOMINAL CURRENT		NO	FLC	SUCTION	LIQUID				WIDTH	DEPTH	HEIGHT
1	LRLYS0180AXY1	R	KSVL28P	2.9	1874	1	0.4	5/8"	3/8"	2.4	47	28	855	328	651
2	LRLYS0300AXY1	R	JDVL51P	4.4	2548	1	0.5	3/4"	3/8"	2.4	61	34	855	328	753
3	LRLSS0400FXY1	S	C-SBN303L8A	5.6	4280	1	1	7/8"	1/2"	7.6	115	36	1349	544	870
4	LRLSS0500FXY1	S	C-SBN373L8A	7.3	4280	1	1	7/8"	1/2"	7.6	117	37	1349	544	870
5	LRLSS0600FXY1	S	C-SBN453L8A	8.8	4280	1	1	7/8"	1/2"	7.6	121	37	1349	544	870

Oil type (R): FV68S

Oil type (S): FV32S

NC : Nominal Current rated at -10 °C Te/+32 °C Ta

Sound Pressure Level (SPL) measured in an anechoic room at -10 °C Te /+32 °C Ta MT conditions. Alternative conditions may produce different results.

### PERFORMANCE DATA

HP	MODEL	COMPRESSOR	Ta	Tc		-40	-35	-30	-25	-20	-15
1.8	LRLYS0180AXY1	KSVL28P	27	CC	873	1169	1467	1764	2062	2359	
				PC	1019	1076	1133	1190	1248	1305	
				COP	0.86	1.09	1.29	1.48	1.65	1.81	
			32	CC	681	979	1277	1575	1873	2171	
				PC	1086	1143	1200	1257	1314	1371	
				COP	0.63	0.86	1.06	1.25	1.42	1.58	
			38	CC		881	1159	1438	1717	1996	
				PC		1283	1336	1390	1443	1496	
				COP		0.69	0.87	1.03	1.19	1.33	
			43	CC		763	1032	1300	1568	1837	
				PC		1383	1434	1486	1537	1589	
				COP			0.55	0.72	0.88	1.02	1.16
			46	CC			964	1224	1485	1745	
				PC			1498	1548	1598	1648	
				COP				0.64	0.79	0.93	1.06
3	LRLYS0300AXY1	JDVL51P	27	CC	1562	2075	2586	3099	3611	4123	
				PC	1667	1790	1914	2038	2162	2286	
				COP	0.94	1.16	1.35	1.52	1.67	1.8	
			32	CC	1346	1834	2321	2808	3296	3783	
				PC	1788	1924	2060	2197	2333	2470	
				COP	0.75	0.95	1.13	1.28	1.41	1.53	
			38	CC		1631	2067	2505	2942	3379	
				PC		2083	2222	2362	2501	2641	
				COP		0.78	0.93	1.06	1.18	1.28	
			43	CC		1509	1924	2339	2754	3168	
				PC		2219	2360	2500	2641	2781	
				COP		0.68	0.82	0.94	1.04	1.14	
			46	CC		1369	1758	2146	2534	2922	
				PC		2295	2443	2590	2738	2886	
				COP			0.6	0.72	0.83	0.93	1.01
4	LRLSS0400FXY1	C-SBN303L8A	27	CC	2011	2584	3318	4258	5460		
				PC	2208	2250	2291	2332	2374		
				COP	0.91	1.15	1.45	1.83	2.3		
			32	CC	1867	2364	2993	3788	4796		
				PC	2657	2743	2831	2924	3019		
				COP	0.7	0.86	1.06	1.3	1.59		
			38	CC	1697	2101	2602	3225	3999		
				PC	3196	3335	3481	3633	3793		
				COP	0.53	0.63	0.75	0.89	1.05		
			43	CC	1555	1881	2277	2756	3335		
				PC	3646	3829	4021	4225	4438		
				COP	0.43	0.49	0.57	0.65	0.75		
5	LRLSS0500FXY1	C-SBN373L8A	27	CC	2571	3276	4169	5303	6738		
				PC	2869	3024	3189	3363	3548		
				COP	0.9	1.08	1.31	1.58	1.9		
			32	CC	2451	3071	3848	4822	6043		
				PC	3384	3552	3730	3917	4114		
				COP	0.72	0.86	1.03	1.23	1.47		
			38	CC	2305	2824	3462	4245	5208		
				PC	4002	4186	4379	4582	4795		
				COP	0.58	0.67	0.79	0.93	1.09		
			43	CC	2184	2619	3140	3764	4514		
				PC	4517	4714	4921	5136	5362		
				COP	0.48	0.56	0.64	0.73	0.84		
6	LRLSS0600FXY1	C-SBN453L8A	27	CC	3415	4166	5082	6201	7564		
				PC	3289	3417	3551	3691	3836		
				COP	1.04	1.22	1.43	1.68	1.97		
			32	CC	3020	3699	4531	5549	6797		
				PC	3814	3971	4135	4307	4486		
				COP	0.79	0.93	1.1	1.29	1.52		
			38	CC	2546	3139	3868	4767	5877		
				PC	4445	4636	4837	5046	5265		
				COP	0.57	0.68	0.8	0.94	1.12		
			43	CC	2153	2672	3316	4116	5109		
				PC	4970	5190	5421	5662	5914		
				COP	0.43	0.51	0.61	0.73	0.86		

\*Rated at suction superheat 10K, subcooling 0K. Different rating condition will produce different cooling capacity

\*Data presented in accordance with BS EN13215:2016



# UNIT SPECIFICATIONS

## Medium Temperature (Rotary)

### 1 PHASE

No	MODEL	CODE	COMPRESSOR		AIR FLOW m3 /hr	FAN MOTOR		CONNECTIONS		RECEIVER VOLUME (L)	NET WEIGHT (KG)	SPL @ 10m dB(A)	DIMENSION		
			TYPE	NOMINAL CURRENT		NO	FLC	SUCTION	LIQUID				WIDTH	DEPTH	HEIGHT
1	LRMYS0130AXV1	R	KSVB18D	3.9	2070	1	0.4	1/2"	3/8"	2.4	43	27	855	328	651
2	LRMYS0180AXV1	R	KSVB28D	6.6	1874	1	0.4	1/2"	3/8"	2.4	46	30	855	328	651
3	LRMYS0250AXV1	R	JSVB39D	8.0	2548	1	0.5	5/8"	3/8"	2.4	57	34	855	328	753

Oil type: FV68S  
NC : Nominal Current rated at -10 °C Te/+32 °C Ta  
Sound Pressure Level (SPL) measured in an anechoic room at -10 °C Te /+32 °C Ta MT conditions. Alternative conditions may produce different results.

### PERFORMANCE DATA

HP	MODEL	COMPRESSOR	Ta	Tc		-20	-15	-10	-5	0	5	10
1.3	LRMYS0130AXV1	KSVB18D	27	CC	1346	1767	2188	2609	3029	3450	3871	
				PC	890	907	923	940	957	973	990	
				COP	1.51	1.95	2.37	2.78	3.17	3.54	3.91	
			32	CC	1149	1562	1975	2388	2801	3214	3627	
				PC	944	962	980	998	1016	1034	1053	
				COP	1.22	1.62	2.02	2.39	2.76	3.11	3.45	
			38	CC	1063	1442	1820	2199	2578	2956	3335	
				PC	965	992	1019	1046	1073	1100	1128	
				COP	1.10	1.45	1.79	2.10	2.40	2.69	2.96	
			43	CC		1320	1674	2029	2383	2737	3091	
				PC		1023	1057	1090	1123	1157	1190	
				COP		1.29	1.58	1.86	2.12	2.37	2.60	
			46	CC		1226	1570	1914	2257	2601		
				PC		1048	1084	1120	1156	1192		
				COP		1.17	1.45	1.71	1.95	2.18		
1.8	LRMYS0180AXV1	KSVB28D	27	CC	2021	2651	3281	3912	4542	5172	5802	
				PC	1310	1367	1423	1480	1537	1593	1650	
				COP	1.54	1.94	2.31	2.64	2.96	3.25	3.52	
			32	CC	1536	2174	2812	3450	4088	4726	5364	
				PC	1475	1523	1570	1617	1665	1712	1759	
				COP	1.04	1.43	1.79	2.13	2.46	2.76	3.05	
			38	CC	1390	1964	2539	3114	3689	4264	4839	
				PC	1460	1532	1604	1675	1747	1819	1891	
				COP	0.95	1.28	1.58	1.86	2.11	2.34	2.56	
			43	CC		1692	2234	2775	3317	3859	4401	
				PC		1588	1670	1753	1835	1918	2000	
				COP		1.07	1.34	1.58	1.81	2.01	2.20	
			46	CC		1581	2075	2569	3062	3556		
				PC		1580	1698	1815	1933	2050		
				COP		1.00	1.22	1.42	1.58	1.73		
2.5	LRMYS0250AXV1	JSVB39D	27	CC	2743	3670	4598	5526	6454	7382	8310	
				PC	1645	1720	1795	1870	1945	2020	2095	
				COP	1.67	2.13	2.56	2.96	3.32	3.65	3.97	
			32	CC	2420	3308	4196	5084	5973	6861	7749	
				PC	1733	1827	1921	2015	2109	2202	2296	
				COP	1.40	1.81	2.18	2.52	2.83	3.12	3.37	
			38	CC	2258	3054	3849	4645	5441	6236	7032	
				PC	1839	1955	2071	2188	2304	2420	2536	
				COP	1.23	1.56	1.86	2.12	2.36	2.58	2.77	
			43	CC	2070	2799	3528	4257	4986	5715	6443	
				PC	1927	2062	2197	2332	2467	2602	2737	
				COP	1.07	1.36	1.61	1.83	2.02	2.20	2.35	
			46	CC		2605	3304	4004	4703	5403		
				PC		2126	2272	2419	2565	2711		
				COP		1.23	1.45	1.66	1.83	1.99		

\*Rated at suction superheat 10K, subcooling 0K. Different rating condition will produce different cooling capacity  
\*Data presented in accordance with BS EN13215:2016

# UNIT SPECIFICATIONS

## Medium Temperature (Rotary and Scroll)

### 3 PHASE

No	MODEL	CODE	COMPRESSOR		AIR FLOW m3 /hr	FAN MOTOR		CONNECTIONS		RECEIVER VOLUME (L)	NET WEIGHT (KG)	SPL @ 10m dB(A)	DIMENSION		
			TYPE	NOMINAL CURRENT		NO	FLC	SUCTION	LIQUID				WIDTH	DEPTH	HEIGHT
1	LRMYS0180AXY1	R	KSVB28P	2.9	1874	1	0.4	1/2"	3/8"	2.4	45	28	855	328	651
2	LRMYS0250AXY1	R	JSVB39P	3.8	2548	1	0.5	5/8"	3/8"	2.4	55	34	855	328	753
3	LRMSS0400FXY1	S	3CB067SA0M	5.9	4280	1	1	7/8"	1/2"	7.6	104	36	1349	544	870
4	LRMSS0500FXY1	S	3CB084SA0M	7.1	4280	1	1	7/8"	1/2"	7.6	106	37	1349	544	870
5	LRMSS0600FXY1	S	3CB100SA0M	8.2	3910	1	1	7/8"	1/2"	7.6	112	37	1349	544	870

Oil type: FV68S  
NC : Nominal Current rated at -10 °C Te/+32 °C Ta  
Sound Pressure Level (SPL) measured in an anechoic room at -10 °C Te /+32 °C Ta MT conditions. Alternative conditions may produce different results.

### PERFORMANCE DATA

HP	MODEL	COMPRESSOR	Ta	Te	-20	-15	-10	-5	0	5	10
1.8	LRMYS0180AXY1	KSVB28P	27	CC	1646	2373	3100	3828	4555	5283	6010
				PC	1208	1260	1312	1364	1416	1468	1520
				COP	1.36	1.88	2.36	2.81	3.22	3.60	3.95
			32	CC	1461	2091	2720	3350	3979	4609	5238
				PC	1362	1410	1458	1506	1554	1602	1650
				COP	1.07	1.48	1.87	2.22	2.56	2.88	3.17
			38	CC	1394	1951	2507	3064	3621	4177	4734
				PC	1384	1458	1531	1605	1679	1753	1826
				COP	1.01	1.34	1.64	1.91	2.16	2.38	2.59
			43	CC	1293	1777	2261	2746	3230	3715	4199
				PC	1430	1520	1610	1700	1790	1880	1970
				COP	0.90	1.17	1.40	1.62	1.80	1.98	2.13
			46	CC		1658	2095	2532	2968	3405	
				PC		1579	1674	1769	1863	1958	
				COP		1.05	1.25	1.43	1.59	1.74	
			27	CC	2462	3459	4455	5452	6448	7445	8442
				PC	1611	1684	1756	1829	1901	1974	2046
				COP	1.53	2.05	2.54	2.98	3.39	3.77	4.13
			32	CC	2347	3255	4164	5072	5980	6888	7796
				PC	1716	1804	1892	1979	2067	2155	2242
				COP	1.37	1.80	2.20	2.56	2.89	3.20	3.48
			38	CC	2209	3011	3814	4616	5418	6220	7022
				PC	1840	1943	2046	2149	2251	2354	2457
				COP	1.20	1.55	1.86	2.15	2.41	2.64	2.86
			43	CC	2094	2808	3522	4236	4949	5663	6377
				PC	1940	2050	2160	2270	2380	2490	2600
				COP	1.08	1.37	1.63	1.87	2.08	2.27	2.45
			46	CC		2686	3347	4007	4668	5329	
				PC		2140	2270	2400	2530	2660	
				COP		1.26	1.47	1.67	1.85	2.00	
2.5	LRMYS0250AXY1	JSVB39P	27	CC	2462	3459	4455	5452	6448	7445	8442
				PC	1611	1684	1756	1829	1901	1974	2046
				COP	1.53	2.05	2.54	2.98	3.39	3.77	4.13
			32	CC	2347	3255	4164	5072	5980	6888	7796
				PC	1716	1804	1892	1979	2067	2155	2242
				COP	1.37	1.80	2.20	2.56	2.89	3.20	3.48
			38	CC	2209	3011	3814	4616	5418	6220	7022
				PC	1840	1943	2046	2149	2251	2354	2457
				COP	1.20	1.55	1.86	2.15	2.41	2.64	2.86
			43	CC	2094	2808	3522	4236	4949	5663	6377
				PC	1940	2050	2160	2270	2380	2490	2600
				COP	1.08	1.37	1.63	1.87	2.08	2.27	2.45
			46	CC		2686	3347	4007	4668	5329	
				PC		2140	2270	2400	2530	2660	
				COP		1.26	1.47	1.67	1.85	2.00	
4	LRMSS0400FXY1	3CB067SA0M	27	CC	5801	6791	7943	9291	10876	12745	14952
				PC	2797	2931	3077	3234	3400	3572	3747
				COP	2.07	2.32	2.58	2.87	3.20	3.57	3.99
			32	CC	5301	6214	7270	8507	9965	11692	13739
				PC	3033	3178	3335	3503	3679	3862	4048
				COP	1.75	1.96	2.18	2.43	2.71	3.03	3.39
			38	CC	4747	5584	6543	7661	8980	10548	12417
				PC	3346	3504	3674	3855	4044	4238	4436
				COP	1.42	1.59	1.78	1.99	2.22	2.49	2.80
			43	CC		5113	6003	7035	8250	9696	
				PC		3800	3981	4172	4371	4576	
				COP		1.35	1.51	1.69	1.89	2.12	
			46	CC		4853	5709	6694	7851		
				PC		3988	4176	4373	4578		
				COP		1.22	1.37	1.53	1.71		
5	LRMSS0600FXY1	3CB084SA0M	27	CC	7157	8296	9580	11003	12564	14268	16122
				PC	3237	3516	3807	4101	4389	4664	4921
				COP	2.21	2.36	2.52	2.68	2.86	3.06	3.28
			32	CC	6488	7557	8792	10181	11721	13410	15253
				PC	3643	3907	4177	4444	4704	4950	5179
				COP	1.78	1.93	2.10	2.29	2.49	2.71	2.94
			38	CC	5759	6759	7939	9286	10791	12453	14270
				PC	4201	4433	4665	4892	5110	5315	5507
				COP	1.37	1.52	1.70	1.90	2.11	2.34	2.59
			43	CC		6169	7307	8615	10085		
				PC		4919	5109	5294	5472		
				COP		1.25	1.43	1.63	1.84		
			46	CC		5847	6961	8245	9692		
				PC		5230	5392	5549	5700		
				COP		1.12	1.29	1.49	1.70		
6	LRMSS0600FXY1	3CB100SA0M	27	CC	8185	9497	11125	13024	15164	17529	20114
				PC	3967	4251	4545	4842	5131	5403	5653
				COP	2.06	2.23	2.45	2.69	2.96	3.24	3.56
			32	CC	7511	8758	10298	12086	14092	16296	18692
				PC	4417	4697	4986	5275	5555	5818	6060
				COP	1.70	1.86	2.07	2.29	2.54	2.80	3.08
			38	CC	6762	7952	9399	11065	12917	14936	17110
				PC	5023	5293	5568	5842	6105	6353	6582
				COP	1.35	1.50	1.69	1.89	2.12	2.35	2.60
			43	CC		7346	8729	10301	12032		
				PC		5839	6098	6353	6599		
				COP		1.26	1.43	1.62	1.82		
			46	CC		7012	8361	9881			
				PC		6189	6435	6678			
				COP		1.13	1.30	1.48			

\*Rated at suction superheat 10K, subcooling 0K. Different rating condition will produce different cooling capacity  
\*Data presented in accordance with BS EN13215:2016



**DEALER**

**DAIKIN REFRIGERATION MALAYSIA SDN. BHD.**

Lot 10, Jalan Perusahaan 8,  
Kawasan Perusahaan Pekan Banting,  
42700 Banting, Selangor D.E. Malaysia.

Specifications, designs and other content appearing in this brochure are current as of Oct 2024 but subject to change without notice.