



# Compressors

Kirby Compressors, Parts and Refrigerants Catalogue 2021



# Compressors

## HERMETIC COMPRESSORS - RECIPROCATING

### KIRBY HERMETIC COMPRESSORS - R134a

Part Number	Nominal HP	Displ. cm <sup>3</sup> /rev	Nominal Capacity: R134a (watts)								Motor Type
			Evaporating Temperature: °C								
			-30	-23.3	-20	-15	-10	-6.7	0	7.2	

#### Domestic R134a LBP Compressors (POE Oil)

AZ33LY-1KS	1/12	3.28	54	67	94	126	168				RSIR 240V/50Hz
AZ36LY-1KS	1/10	3.59	57	79	101	134	179				RSIR 240V/50Hz
AZ40LY-1KS	1/8	4.00	66	93	111	142	185				RSIR 240V/50Hz
AZ56LY-1KS	1/6	5.59	83	116	140	182	238				RSIR 240V/50Hz
AEV6LY-1KS	1/5	5.99	89	130	150	195	255				RSIR 240V/50Hz
AEV7LY-1KS	1/5	6.91	108	158	182	236	309				RSIR 240V/50Hz
AEV8LY-1KS	1/4	8.12	124	186	209	272	356				RSIR 240V/50Hz
AEV9LY-1KS	1/4	9.42	147	220	248	322	421				RSIR 240V/50Hz

#### Commercial R134a L/M/HBP Compressors (POE Oil)

BA8LMY-1KS	1/5	7.57	85	135	182	240	310	330	500		RSIR 240V/50Hz
BA9MHY-1KS	1/4	8.86			210	270	350	370	570	820	RSIR 240V/50Hz
BA12LMY-1KS	1/4	12.04	150	225	300	390	480	525	730		CSIR 240V/50Hz
BA14LMY-1KS	1/3	14.14	175	270	340	445	560	645	860		CSIR 240V/50Hz
BA16LMY-1KS	3/8	16.08	220	310	420	540	680	765	1030		CSIR 240V/50Hz
BA16LZ-1KS	3/8	16.08	225	355	430	550	695	780	1055		CSIR 240V/50Hz
BA18LZ-1KS	1/2	18.00	280	410	480	600	750	870	1140		CSIR 240V/50Hz
WJ22LZ-1C	5/8	21.50			420	620	820	1010	1430	1980	CSIR 240V/50Hz
WJ26LZ-3C	3/4	26.70			510	730	1010	1250	1740	2440	CSIR 240V/50Hz
WJ31LZ-1C	1	30.50			580	830	1140	1420	2040	2830	CSIR 240V/50Hz
AW40LZ-1C	1	39.60			740	1090	1480	1800	2500	3050	CSIR 240V/50Hz
AW43LZ-5C	1	43.10			840	1240	1690	2053	2850	3480	CSIR 240V/50Hz
AW48MHY-3C	1-1/2	48.40			820	1210	1790	2200	3150	4600	CSIR 240V/50Hz
AW48MHY-4C	1-1/2	48.40			820	1210	1790	2200	3150	4600	3 PH 415V/50Hz
AW54LZ-1C*	1	53.50	510	980	1200	1690	2200	2620	3610	4500	CSIR 240V/50Hz

### KIRBY HERMETIC COMPRESSORS - R134a (CONT'D)

Part Number	Optional External Crankcase Heater	Motor Current RLA	Cooling	Oil Charge (cm <sup>3</sup> )	O/A Height (mm)	Net Weight (kg)	Service Connections (inches)	
							Suct.	Disch.

#### Domestic R134a LBP Compressors (POE Oil)

AZ33LY-1KS	-	0.50	AC	400	168	6.8	5/16 ST	1/4 ST
AZ36LY-1KS	-	0.60	AC	400	155	6.4	5/16 ST	1/4 ST
AZ40LY-1KS	-	0.80	AC	300	155	6.4	5/16 ST	1/4 ST
AZ56LY-1KS	-	1.00	AC	300	168	6.8	5/16 ST	1/4 ST
AEV6LY-1KS	-	1.60	AC	296	189	9.4	5/16 ST	1/4 ST
AEV7LY-1KS	-	1.00	AC	485	189	9.6	5/16 ST	1/4 ST
AEV8LY-1KS	-	1.20	AC	485	189	9.8	5/16 ST	1/4 ST
AEV9LY-1KS	-	1.40	OC	485	189	10.2	5/16 ST	1/4 ST





**KIRBY HERMETIC COMPRESSORS - R134a (CONT'D)**

Part Number	Optional External Crankcase Heater	Motor Current RLA	Cooling	Oil Charge cm <sup>3</sup>	O/A Height (mm)	Net Weight (kg)	Service Connections (inches)	
							Suct.	Disch.
<b>Commercial R134a L/M/HBP Compressors (POE Oil)</b>								
BA8LMY-1KS	018-0096-00 (40W-240V)	1.50	FC	490	193	10.1	5/16 ST	1/4 ST
BA9MHY-1KS	018-0096-00 (40W-240V)	2.10	FC	417	193	10.3	5/16 ST	1/4 ST
BA12LMY-1KS	018-0096-00 (40W-240V)	2.50	FC	417	203	11.7	3/8 ST	1/4 ST
BA14LMY-1KS	018-0096-00 (40W-240V)	2.80	FC	417	215	12.7	3/8 ST	1/4 ST
BA16LMY-1KS	018-0096-00 (40W-240V)	2.50	FC	417	215	13.1	3/8 ST	1/4 ST
BA16LZ-1KS	018-0096-00 (40W-240V)	2.40	FC	417	214	13.0	3/8 ST	1/4 ST
BA18LZ-1KS	018-0096-00 (40W-240V)	2.90	FC	417	215	13.6	3/8 ST	1/4 ST
WJ22LZ-1C	02-5452-00 (40W-240V)	2.70	FC	950	275	23.5	1/2 SV	3/8 ST
WJ26LZ-3C	02-5452-00 (40W-240V)	4.20	FC	950	275	23.5	1/2 SV	3/8 ST
WJ31LZ-1C	02-5452-00 (40W-240V)	4.20	FC	950	275	24.0	5/8 SV	3/8 ST
AW40LZ-1C	02-5452-00 (40W-240V)	4.50	FC	950	305	27.0	5/8 SV	3/8 ST
AW43LZ-5C	02-5452-00 (40W-240V)	6.90	FC	950	305	27.0	5/8 SV	3/8 ST
AW48MHY-3C	02-5452-00 (40W-240V)	9.20	FC	946	305	28.9	7/8 SV	1/2 SV
AW48MHY-4C	02-5452-00 (40W-240V)	3.20	FC	946	305	28.9	7/8 SV	1/2 SV
AW54LZ-1C*	02-5452-00 (40W-240V)	7.90	FC	946	305	32.6	5/8 SV	3/8 ST

\*AW54LZ-1C - Use without run capacitor on LBP applications



**KIRBY HERMETIC COMPRESSORS - R12 RETROFIT TO R134a**

Part Number	Nominal HP	Displ. cc/rev	Nominal Capacity: R134a (watts)							Rating Point R12	
			Evaporating Temperature: °C							-23.3	-6.7
			-40	-30	-25	-20	-15	-10	-5		

**Domestic Replacement LBP Compressors with Mineral Oil \*\***

AE1411A-7KS**	1/4	14.14	200	425	570	735				338	
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**Commercial Replacement L/M/HBP Compressors with Mineral Oil \*\***

AE10LMA-1KS**	1/4	10.25	110	135	210	415	525	655	805	250	480
AGA4534AXG**	2-3/4	100.70		1520	2400	3400	4500	5100	7200		5300

**KIRBY HERMETIC COMPRESSORS - R12 RETROFIT TO R134a**

Part Number	Optional External Crankcase Heater	Motor Type	Motor Current RLA	Cooling	Oil Charge (cm <sup>3</sup> )	O/A Height (mm)	Net Weight (kg)	Service Connections (inches)	
								Suct.	Disch.

**Domestic Replacement LBP Compressors with Mineral Oil \*\***

AE1411A-7KS**	02-5452-00 (40 W-240 V)	RSIR	2.20	OC	600	202	11.2	5/16 ST	1/4 ST
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**Commercial Replacement L/M/HBP Compressors with Mineral Oil \*\***

AE10LMA-1KS**	02-5452-00 (40 W-240 V)	CSIR	2.50	OC	505	189	9.5	5/16 ST	1/4 ST
AGA4534AXG**	Included 50 W	3 PH	5.5/PH	AC	1955	412	42.6	1 1/8 SV	1/2 ST

\*\*Mineral Oil Compressors are not suitable for R134a refrigerants. Oil change required to POE32.





## HERMETIC COMPRESSORS - RECIPROCATING (CONT'D)

**STANDARD CONDITIONS - NOMINAL CAPACITIES ARE ESTABLISHED THROUGH ASHRAE-T STANDARD CONDITIONS**

Application	Evaporating	Ambient	Cond	Liquid Entering
	Temp °C	Temp °C	Temp °C	Temp °C
Low Suction Temp	-23.3	32	55	32
Med Suction Temp	-6.7	35	55	47
High Suction Temp	7.2	35	55	47
A/C Suction Temp	7.2	35	55	47

1 Phase Motor = 220/240 V / 50 Hz.

3 Phase Motor = 380/420 V / 50 Hz.

**Features:**

- All hermetic compressors are offered as service packs and include feet mounting kit, electrical components and rotalock service valve where nominated.
- Compressor auxiliary cooling requirements.

**AC** = Ambient Air Cooling

**FC** = Fan Air Cooling

**OC** = Oil Cooling

- Compressor service port connection types vary for different model.

**SV** = Solder connection Rotalock Valve

**ST** = Solder connection Tube

- Low start torque compressors (i.e. with RSIR motors) require capillary refrigerant control.
- High start torque compressors (i.e. with CSIR, CSR or 3 Phase motors) can be used with capillary or TX Valve control preferred
- Crankcase Heaters available, please order separately

**Application of HFC refrigerant alternatives should be verified with your local Kirby HVAC&R Representative.**



### KIRBY HERMETIC COMPRESSORS - R404A / R507

Part Number	Nominal HP	Displ. cm <sup>3</sup> /rev	Nominal Capacity: R404A (watts)								Motor Type
			Evaporating Temperature: °C								
			-35	-30	-25	-20	-15	-10	-5	0	

#### BA Commercial Series L/MBP Compressors (POE Oil) 240V / 1 Phase

BA5MHG-1KS	1/5	4.50						235	285	350	430	018-0096-00 (40W-240V)
BA6MHG-1KS	1/4	5.5						295	355	440	540	018-0096-00 (40W-240V)
BA8MG-1KS	1/4	7.6						370	480	605	750	018-0096-00 (40W-240V)
BA9MG-1KS	1/3	8.9						475	585	735	895	018-0096-00 (40W-240V)
BA12MG-1KS	3/8	12.0						655	810	1005	1205	018-0096-00 (40W-240V)
BA14MG-1KS	1/2	14.1						745	945	1170	1415	018-0096-00 (40W-240V)
BA16MG-4KS	3/4	16.1						870	1110	1380	1685	018-0096-00 (40W-240V)
BA18MG-1KS	7/8	18.0						970	1220	1520	1860	018-0096-00 (40W-240V)
BA12LMY-1KS	1/3	12.04	190	310	440	585	745					018-0096-00 (40W-240V)
BA16LMY-1KS	3/8	16.08	330	465	620	810	1025					018-0096-00 (40W-240V)
BA16LZ-1KS	3/8	16.08	335	475	635	830	1050					018-0096-00 (40W-240V)
BA18LZ-1KS	1/2	18.00	400	550	720	930	1180					018-0096-00 (40W-240V)



### KIRBY HERMETIC COMPRESSORS - R404A / R507

Part Number	Optional External Crankcase Heater	Motor Current RLA	Cooling	Oil Charge (cm <sup>3</sup> )	O/A Height (mm)	Nett Weight (kg)	Service Connections (inches)	
							Suct.	Disch.

#### BA Commercial Series LBP Compressors (POE Oil) 240V / 1 Phase

BA5MHG-1KS	018-0096-00 (40W-240V)	1.70	FC	417	193	10.1	5/16 ST	1/4 ST
BA6MHG-1KS	018-0096-00 (40W-240V)	2.20	FC	417	193	10.7	5/16 ST	1/4 ST
BA8MG-1KS	018-0096-00 (40W-240V)	2.50	FC	417	193	10.7	1/4 ST	3/16 ST
BA9MG-1KS	018-0096-00 (40W-240V)	2.90	FC	417	205	11.8	3/8 ST	1/4 ST
BA12MG-1KS	018-0096-00 (40W-240V)	2.50	FC	417	215	12.5	3/8 ST	1/4 ST
BA14MG-1KS	018-0096-00 (40W-240V)	2.90	FC	417	215	13.1	3/8 ST	1/4 ST
BA16MG-4KS	018-0096-00 (40W-240V)	3.50	FC	417	215	13.1	3/8 ST	1/4 ST
BA18MG-1KS	018-0096-00 (40W-240V)	3.80	FC	417	215	13.8	3/8 ST	1/4 ST
BA12LMY-1KS	018-0096-00 (40W-240V)	2.50	FC	417	203	11.7	3/8 ST	1/4 ST


**KIRBY HERMETIC COMPRESSORS - R404A / R507 (CONT'D)**

Part Number	Optional External Crankcase Heater	Motor Current RLA	Cooling	Oil Charge (cm <sup>3</sup> )	O/A Height (mm)	Nett Weight (kg)	Service Connections (inches)	
							Suct.	Disch.
BA16LMY-1KS	018-0096-00 (40W-240V)	2.50	FC	417	215	13.1	3/8 ST	1/4 ST
BA16LZ-1KS	018-0096-00 (40W-240V)	2.40	FC	417	214	13.0	3/8 ST	1/4 ST
BA18LZ-1KS	018-0096-00 (40W-240V)	2.90	FC	417	215	13.6	3/8 ST	1/4 ST

**KIRBY HERMETIC COMPRESSORS - R404A / R507**

Part Number	Nominal HP	Displ. cm <sup>3</sup> /rev	Nominal Capacity: R404A (watts)							Motor Type
			Evaporating Temperature: °C							
			-35	-30	-25	-20	-15	-10	-5	

**WJ Commercial Series L/MBP Compressors (POE Oil) 240V / 1 Phase**

WJ22MHG-1C	1	21.5						1220	1590	1995	2485	CSIR 240V/50Hz
WJ26MHG-3C	1-1/4	26.8						1580	2025	2525	3080	CSIR 240V/50Hz
WJ31MHG-1C	1-1/2	30.5						1715	2215	2785	3430	CSIR 240V/50Hz
WJ22LZ-1C	3/4	21.50	360	560	810	1130	1490					CSIR 240V/50Hz
WJ26LZ-3C	7/8	26.75	420	670	990	1390	1850					CSIR 240V/50Hz
WJ31LZ-1C	1	30.50	530	820	1180	1610	2130					CSIR 240V/50Hz

**KIRBY HERMETIC COMPRESSORS - R404A / R507**

Part Number	Optional External Crankcase Heater	Motor Current RLA	Cooling	Oil Charge (cm <sup>3</sup> )	O/A Height (mm)	Nett Weight (kg)	Service Connections (inches)	
							Suct.	Disch.

**WJ Commercial Series L/MBP Compressors (POE Oil) 240V / 1 Phase**

WJ22MHG-1C	018-0096-00 (40W-240V)	5.3	FC	950	275	23.5	1/2 SV	3/8 ST
WJ26MHG-3C	018-0096-00 (40W-240V)	6.7	FC	950	275	23.5	1/2 SV	3/8 ST
WJ31MHG-1C	018-0096-00 (40W-240V)	6.5	FC	950	275	24.0	5/8 SV	3/8 ST
WJ22LZ-1C	02-5452-00 (40W-240V)	2.70	FC	850	266	22.6	1/2 ST	3/8 ST
WJ26LZ-3C	02-5452-00 (40W-240V)	4.20	FC	850	266	23.7	1/2 ST	3/8 ST
WJ31LZ-1C	02-5452-00 (40W-240V)	4.2	FC	850	266	24.0	1/2 ST	3/8 ST

**KIRBY HERMETIC COMPRESSORS - R404A / R507**

Part Number	Nominal HP	Displ. cm <sup>3</sup> /rev	Nominal Capacity: R404A (watts)							Motor Type
			Evaporating Temperature: °C							
			-35	-30	-25	-20	-15	-10	-5	

**AW Commercial Series L/MBP Compressors (POE Oil) 240V / 1 Phase**

AW40LZ-1C	1	39.60	590	900	1325	1890	2590					CSIR 240V/50Hz
AW43LZ-5C	1-1/4	43.10	680	1030	1540	2160	2890					CSIR 240V/50Hz
AW54LZ-1C	1-1/2	53.50	780	1250	1920	2760	3660					CSIR 240V/50Hz
AW38MG-1C	1-1/2	37.5						1750	2330	2975	3765	CSIR 240V/50Hz
AW43MHG-1C	2	43.1						2175	2910	3745	4650	CSIR 240V/50Hz
AW48MHG-1C	2-1/2	48.4						2450	3275	4140	5190	CSIR 240V/50Hz
AW54MHG-3C	2-1/2	53.5						2715	3680	4690	5940	CSIR 240V/50Hz





**HERMETIC COMPRESSORS - RECIPROCATING (CONT'D)**

**KIRBY HERMETIC COMPRESSORS - R404A / R507**

Part Number	Optional External Crankcase Heater	Motor Current RLA	Cooling	Oil Charge (cm <sup>3</sup> )	O/A Height (mm)	Nett Weight (kg)	Service Connections (inches)	
							Suct.	Disch.
<b>AW Commercial Series L/MBP Compressors (POE Oil) 240V / 1 Phase</b>								
AW40LZ-1C	02-5452-00 (40W-240V)	4.50	FC	946	305	32.6	5/8 SV	5/16 ST
AW43LZ-5C	02-5452-00 (40W-240V)	6.90	FC	946	305	32.6	5/8 SV	5/16 ST
AW54LZ-1C	02-5452-00 (40W-240V)	7.90	FC	946	340	29.8	5/8 SV	5/16 ST
AW38MG-1C	018-0096-00 (40W-240V)	7.9	FC	950	310	28.2	5/8 SV	3/8 ST
AW43MHG-1C	018-0096-00 (40W-240V)	9.6	FC	950	340	28.2	5/8 SV	3/8 ST
AW48MHG-1C	018-0096-00 (40W-240V)	11.2	FC	950	340	29.8	5/8 SV	3/8 ST
AW54MHG-3C	018-0096-00 (40W-240V)	12.5	FC	950	340	29.8	5/8 SV	3/8 ST



**KIRBY HERMETIC COMPRESSORS - R404A / R507**

Part Number	Nominal HP	Displ. cm <sup>3</sup> /rev	Nominal Capacity: R404A (watts)								Motor Type	
			Evaporating Temperature: °C									
			-35	-30	-25	-20	-15	-10	-5	0		
<b>AW Commercial Series M/HBP Compressors (POE Oil) 415V / 3 Phase</b>												
AW43MHG-4C	2	43.1						2175	2910	3745	4650	3 PH 415V/50Hz
AW48MHG-4C	2-1/4	48.4						2450	3275	4140	5190	3 PH 415V/50Hz
AW54MHG-4C	2-1/2	53.5						2715	3680	4690	5940	3 PH 415V/50Hz

**KIRBY HERMETIC COMPRESSORS - R404A / R507 (CONT'D)**

Part Number	Optional External Crankcase Heater	Motor Current RLA	Cooling	Oil Charge (cm <sup>3</sup> )	O/A Height (mm)	Nett Weight (kg)	Service Connections (inches)	
							Suct.	Disch.
<b>AW Commercial Series M/HBP Compressors (POE Oil) 415V / 3 Phase</b>								
AW43MHG-4C	018-0096-00 (40W-240V)	3.4/PH	FC	950	340	28.2	5/8 SV	3/8 ST
AW48MHG-4C	018-0096-00 (40W-240V)	4.2/PH	FC	950	340	29.8	5/8 SV	3/8 ST
AW54MHG-4C	018-0096-00 (40W-240V)	4.2/PH	FC	950	340	29.8	5/8 SV	3/8 ST

**KIRBY HERMETIC COMPRESSORS - R448A**

Part Number	Nominal HP	Displ. cm <sup>3</sup> /rev	Nominal Capacity: R448A (watts)						Motor Type
			Evaporating Temperature: °C						
			-20	-15	-10	-5	0	5	
<b>BA Commercial Series MBP Compressors (POE Oil) 240V / 1 Phase</b>									
BA5MHG-1KS	1/5	4.50		200	256	326	411	514	RSIR 240V/50Hz
BA6MHG-1KS	1/4	5.5		251	322	410	517	646	CSIR 240V/50Hz
BA8MG-1KS	1/4	7.6		351	450	570	715	887	CSIR 240V/50Hz
BA9MG-1KS	1/3	8.9		413	560	726	909	1111	CSIR 240V/50Hz
BA12MG-1KS	3/8	12.0		566	747	957	1189	1438	CSIR 240V/50Hz
BA14MG-1KS	1/2	14.1		669	898	1143	1395	1649	CSIR 240V/50Hz
BA16MG-4KS	3/4	16.1		851	1078	1327	1606	1925	CSIR 240V/50Hz
BA18MG-1KS	7/8	18.0		935	1176	1445	1746	2091	CSIR 240V/50Hz
<b>WJ Commercial Series MBP Compressors (POE Oil) 240V / 1 Phase</b>									
WJ22MHG-1C	1	21.5		1140	1523	1962	2460	3029	CSIR 240V/50Hz
WJ26MHG-3C	1-1/4	26.8		1465	1926	2440	3014	3654	CSIR 240V/50Hz
WJ31MHG-1C	1-1/2	30.5		1636	2106	2670	3328	4088	CSIR 240V/50Hz


**KIRBY HERMETIC COMPRESSORS - R448A (CONT'D)**

Part Number	Nominal HP	Displ. cm <sup>3</sup> /rev	Nominal Capacity: R448A (watts)						Motor Type
			Evaporating Temperature: °C						
			-20	-15	-10	-5	0	5	

**AW Commercial Series MBP Compressors (POE Oil) 240V / 1 Phase**

AW38MG	1-1/2	37.5		1249	1823	2561	3477	4586	CSIR 240V/50Hz
AW43MHG	2	43.1		1650	2389	3288	4345	5568	CSIR 240V/50Hz
AW48MHG	2-1/2	48.4		1731	2519	3501	4692	6108	CSIR 240V/50Hz
AW54MHG	2-1/2	53.5		1949	2835	3941	5281	6874	CSIR 240V/50Hz

**AW Commercial Series MBP Compressors (POE Oil) 415V / 3 Phase**

AW43MHG	2	43.1		1650	2389	3288	4345	5568	3 PH 415V/50Hz
AW48MHG	2-1/2	48.4		1731	2519	3501	4692	6108	3 PH 415V/50Hz
AW54MHG	2-1/2	53.5		1949	2835	3941	5281	6874	3 PH 415V/50Hz

**KIRBY HERMETIC COMPRESSORS - R448A (CONT'D)**

Part Number	Optional External Crankcase Heater	Motor Current RLA	Cooling	Oil Charge (cm <sup>3</sup> )	O/A Height (mm)	Nett Weight (kg)	Service Connections (inches)	
							Suct.	Disch.

**BA Commercial Series MBP Compressors (POE Oil) 240V / 1 Phase**

BA5MHG-1KS	018-0096-00 (40W-240V)	1.70	FC	417	193	10.1	5/16 ST	1/4 ST
BA6MHG-1KS	018-0096-00 (40W-240V)	2.20	FC	417	193	10.7	5/16 ST	1/4 ST
BA8MG-1KS	018-0096-00 (40W-240V)	2.50	FC	417	193	10.7	1/4 ST	3/16 ST
BA9MG-1KS	018-0096-00 (40W-240V)	2.90	FC	417	205	11.8	3/8 ST	1/4 ST
BA12MG-1KS	018-0096-00 (40W-240V)	2.50	FC	417	215	12.5	3/8 ST	1/4 ST
BA14MG-1KS	018-0096-00 (40W-240V)	2.90	FC	417	215	13.1	3/8 ST	1/4 ST
BA16MG-4KS	018-0096-00 (40W-240V)	3.50	FC	417	215	13.1	3/8 ST	1/4 ST
BA18MG-1KS	018-0096-00 (40W-240V)	3.80	FC	417	215	13.8	3/8 ST	1/4 ST

**WJ Commercial Series MBP Compressors (POE Oil) 240V / 1 Phase**

WJ22MHG-1C	018-0096-00 (40W-240V)	5.3	FC	950	275	23.5	1/2 SV	3/8 ST
WJ26MHG-3C	018-0096-00 (40W-240V)	6.7	FC	950	275	23.5	1/2 SV	3/8 ST
WJ31MHG-1C	018-0096-00 (40W-240V)	6.5	FC	950	275	24.0	5/8 SV	3/8 ST

**AW Commercial Series MBP Compressors (POE Oil) 240V / 1 Phase**

AW38MG	018-0096-00 (40W-240V)	7.9	FC	950	310	28.2	5/8 SV	3/8 ST
AW43MHG	018-0096-00 (40W-240V)	9.6	FC	950	340	28.2	5/8 SV	3/8 ST
AW48MHG	018-0096-00 (40W-240V)	11.2	FC	950	340	29.8	5/8 SV	3/8 ST
AW54MHG	018-0096-00 (40W-240V)	12.5	FC	950	340	29.8	5/8 SV	3/8 ST

**AW Commercial Series MBP Compressors (POE Oil) 415V / 3 Phase**

AW38MG	018-0096-00 (40W-240V)	3.4/PH	FC	950	340	28.2	5/8 SV	3/8 ST
AW43MHG	018-0096-00 (40W-240V)	4.2/PH	FC	950	340	29.8	5/8 SV	3/8 ST
AW48MHG	018-0096-00 (40W-240V)	4.2/PH	FC	950	340	29.8	5/8 SV	3/8 ST
AW54MHG	018-0096-00 (40W-240V)	12.5	FC	950	340	29.8	5/8 SV	3/8 ST







**HERMETIC COMPRESSORS - RECIPROCATING (CONT'D)**

**KIRBY HERMETIC COMPRESSORS - R448A (CONT'D)**

Part Number	Nominal HP	Displ. cm <sup>3</sup> /rev	Nominal Capacity: R448A (watts)						Motor Type
			Evaporating Temperature: °C						
			-20	-15	-10	-5	0	5	

**BA Commercial Series LBP Compressors (POE Oil) 240V / 1 Phase**

BA12LMY-1KS	1/4	12.04	198	277	387	523	676	845	CSIR 240V/50Hz
BA14LMY-1KS	1/3	14.14	230	322	451	609	788	984	CSIR 240V/50Hz
BA16LMY-1KS	3/8	16.08	264	370	519	700	905	1131	CSIR 240V/50Hz
BA16LZ-1KS	3/8	16.08	271	379	531	717	928	1159	CSIR 240V/50Hz
BA18LZ-1KS	1/2	18	329	461	611	789	1015	1303	CSIR 240V/50Hz

**WJ Commercial Series LBP Compressors (POE Oil) 240V / 1 Phase**

WJ22LZ-1C	3/4	21.5	269	433	634	888	1648	1648	CSIR 240V/50Hz
WJ26LZ-3C	7/8	26.75	307	510	762	1083	2046	2046	CSIR 240V/50Hz
WJ31LZ-1C	1	30.5	397	637	926	1289	2353	2353	CSIR 240V/50Hz

**AW Commercial Series LBP Compressors (POE Oil) 240V / 1 Phase**

AW40LZ-1C	1	39.6	178	502	920	1439	2086	2890	CSIR 240V/50Hz
AW43LZ-5C	1-1/4	43.1	420	725	1155	1711	2394	3213	CSIR 240V/50Hz
AW54LZ-1C	1-1/2	53.5	584	874	1389	2110	2999	4026	CSIR 240V/50Hz

**KIRBY HERMETIC COMPRESSORS - R448A (CONT'D)**

Part Number	Optional External Crankcase Heater	Motor Current RLA	Cooling	Oil Charge (cm <sup>3</sup> )	O/A Height (mm)	Nett Weight (kg)	Service Connections (inches)	
							Suct.	Disch.

**BA Commercial Series LBP Compressors (POE Oil) 240V / 1 Phase**

BA12LMY-1KS	018-0096-00 (40W-240V)	2.5	FC	417	203	11.7	3/8 ST	1/4 ST
BA14LMY-1KS	018-0096-00 (40W-240V)	2.8	FC	417	215	12.7	3/8 ST	1/4 ST
BA16LMY-1KS	018-0096-00 (40W-240V)	2.5	FC	417	215	13.1	3/8 ST	1/4 ST
BA16LZ-1KS	018-0096-00 (40W-240V)	2.4	FC	417	214	13	3/8 ST	1/4 ST
BA18LZ-1KS	018-0096-00 (40W-240V)	2.9	FC	417	215	13.6	3/8 ST	1/4 ST

**WJ Commercial Series LBP Compressors (POE Oil) 240V / 1 Phase**

WJ22LZ-1C	02-5452-00 (40W-240V)	2.7	FC	850	266	22.6	1/2 ST	3/8 ST
WJ26LZ-3C	02-5452-00 (40W-240V)	4.2	FC	850	266	23.7	1/2 ST	3/8 ST
WJ31LZ-1C	02-5452-00 (40W-240V)	4.2	FC	850	266	24	1/2 ST	3/8 ST

**AW Commercial Series LBP Compressors (POE Oil) 240V / 1 Phase**

AW40LZ-1C	02-5452-00 (40W-240V)	4.5	FC	946	305	32.6	5/8 SV	5/16 ST
AW43LZ-5C	02-5452-00 (40W-240V)	6.9	FC	946	305	32.6	5/8 SV	5/16 ST
AW54LZ-1C	02-5452-00 (40W-240V)	7.9	FC	946	340	29.8	5/8 SV	5/16 ST





**KIRBY HERMETIC COMPRESSORS - R407C / R22 COMMERCIAL REFRIGERATION**

Part Number	Nominal HP	Displ. cm <sup>3</sup> /rev	Nominal Capacity: R407C / R22 (Watts)							
			Evaporating Temperature: °C							
			-25	-20	-15	-10	-5	0	5	10

**BA Commercial Series M/HBP Compressors (POE Oil) 240V / 1 Phase**

BA5MHG-1KS	1/5	4.50			225	275	340	415	505	610
BA6MHG-1KS	1/4	5.5			270	325	407	490	590	705
BA8MG-1KS	1/4	7.6			360	465	580	720	870	
BA9MG-1KS	1/3	8.9			460	565	705	860	1030	
BA12MG-1KS	3/8	12.0			665	820	1020	1220	1440	
BA14MG-1KS	1/2	14.1			790	995	1230	1490	1800	
BA16MG-4KS	3/4	16.1			880	1120	1390	1700	2060	
BA18MG-1KS	7/8	18.0			980	1230	1530	1870	2250	

**WJ Commercial Series M/HBP Compressors (POE Oil) 240V / 1 Phase**

WJ22MHG-1C	1	21.5			1180	1530	1920	2390	2920	3540
WJ26MHG-3C	1-1/4	26.8			1520	1950	2430	2960	3540	4170
WJ31MHG-1C	1-1/2	30.5			1650	2130	2680	3300	4000	4770

**AW Commercial Series M/HBP Compressors (POE Oil) 240V / 1 Phase**

AW38MG-1C	1-1/2	37.5			1685	2239	2860	3620	4519	
AW43MHG-1C	2	43.1			2097	2799	3600	4469	5490	6760
AW48MHG-1C	2-1/2	48.4			2360	3150	3980	4990	6210	7717
AW54MHG-3C	2-1/2	53.5			2612	3540	4508	5710	7109	8710

**AW Commercial Series M/HBP Compressors (POE Oil) 415V / 3 Phase**

AW43MHG-4C	2	43.1			2097	2799	3600	4469	5490	6760
AW48MHG-4C	2-1/4	48.4			2360	3150	3980	4990	6210	7717
AW54MHG-4C	2-1/2	53.5			2612	3540	4508	5710	7109	8710

**KIRBY HERMETIC COMPRESSORS - R407C / R22 COMMERCIAL REFRIGERATION (CONT'D)**

Part Number	Motor Type	Optional External Crankcase Heater	Motor Current RLA	Cooling	Oil Charge (cm <sup>3</sup> )	O/A Height (mm)	Nett Weight (kg)	Service Connections (inches)	
								Suct.	Disch.

**BA Commercial Series M/HBP Compressors (POE Oil) 240V / 1 Phase**

BA5MHG-1KS	RSIR 240V/50Hz	018-0096-00 (40 W - 240 V)	1.70	FC	417	193	10.1	5/16 ST	1/4 ST
BA6MHG-1KS	CSIR 240V/50HZ	018-0096-00 (40 W - 240 V)	2.20	FC	417	193	10.7	5/16 ST	1/4 ST
BA8MG-1KS	CSIR 240V/50HZ	018-0096-00 (40 W - 240 V)	2.50	FC	417	193	10.7	1/4 ST	3/16 ST
BA9MG-1KS	CSIR 240V/50HZ	018-0096-00 (40 W - 240 V)	2.90	FC	417	205	11.8	3/8 ST	1/4 ST
BA12MG-1KS	CSIR 240V/50HZ	018-0096-00 (40 W - 240 V)	2.50	FC	417	215	12.5	3/8 ST	1/4 ST
BA14MG-1KS	CSIR 240V/50HZ	018-0096-00 (40 W - 240 V)	2.90	FC	417	215	13.1	3/8 ST	1/4 ST
BA16MG-4KS	CSIR 240V/50HZ	018-0096-00 (40 W - 240 V)	3.50	FC	417	215	13.1	3/8 ST	1/4 ST
BA18MG-1KS	CSIR 240V/50HZ	018-0096-00 (40 W - 240 V)	3.80	FC	417	215	13.8	3/8 ST	1/4 ST

**WJ Commercial Series M/HBP Compressors (POE Oil) 240V / 1 Phase**

WJ22MHG-1C	CSIR 240V/50HZ	018-0096-00 (40 W - 240 V)	5.3	FC	950	275	23.5	1/2 SV	3/8 ST
WJ26MHG-3C	CSIR 240V/50HZ	018-0096-00 (40 W - 240 V)	6.7	FC	950	275	23.5	1/2 SV	3/8 ST
WJ31MHG-1C	CSIR 240V/50HZ	018-0096-00 (40 W - 240 V)	6.5	FC	950	275	24.0	5/8 SV	3/8 ST





**HERMETIC COMPRESSORS - RECIPROCATING (CONT'D)**

**KIRBY HERMETIC COMPRESSORS - R407C / R22 COMMERCIAL REFRIGERATION (CONT'D)**

Part Number	Motor Type	Optional External Crankcase Heater	Motor Current RLA	Cooling	Oil Charge (cm <sup>3</sup> )	O/A Height (mm)	Nett Weight (kg)	Service Connections (inches)	
								Suct.	Disch.

**AW Commercial Series M/HBP Compressors (POE Oil) 240V / 1 Phase**

AW38MG-1C	CSIR 240V/50HZ	018-0096-00 (40 W - 240 V)	7.90	FC	950	310	28.2	5/8 SV	3/8 ST
AW43MHG-1C	CSIR 240V/50HZ	018-0096-00 (40 W - 240 V)	9.6	FC	950	340	28.2	5/8 SV	3/8 ST
AW48MHG-1C	CSIR 240V/50HZ	018-0096-00 (40 W - 240 V)	11.2	FC	950	340	29.8	5/8 SV	3/8 ST
AW54MHG-3C	CSIR 240V/50HZ	018-0096-00 (40 W - 240 V)	12.5	FC	950	340	29.8	5/8 SV	3/8 ST

**AW Commercial Series M/HBP Compressors (POE Oil) 415V / 3 Phase**

AW43MHG-4C	3 PH 415V/50Hz	018-0096-00 (40 W - 240 V)	3.4/PH	FC	950	340	28.2	5/8 SV	3/8 ST
AW48MHG-4C	3 PH 415V/50Hz	018-0096-00 (40 W - 240 V)	4.2/PH	FC	950	340	29.8	5/8 SV	3/8 ST
AW54MHG-4C	3 PH 415V/50Hz	018-0096-00 (40 W - 240 V)	4.2/PH	FC	950	340	29.8	5/8 SV	3/8 ST



**KIRBY HERMETIC COMPRESSORS - R22 / R407C AIR CONDITIONING**

Part Number	Nominal HP	Displ. cc/rev	Power Input (watts)	Nominal Capacity: R22 (watts)					Rating Point	Motor Type
				Evaporating Temperature: °C						
				-10	-5	0	5	10	7.2	

**AV Series M/HBP (EXC = 240V / 1 PHASE, EXG = 415V / 3 PHASE) AB Oil**

AVA5542EXC	3-1/2	73.3	3505	3950	5370	7090	9270	11600	10380	PSC
AVA5546EXC	4	79	3830	4320	5880	7760	10150	12700	11360	PSC

**KIRBY HERMETIC COMPRESSORS - R22 / R407C AIR CONDITIONING (CONT'D)**

Part Number	Motor Type	Optional External Crankcase Heater	Cooling	Oil Type	Oil Charge (cm <sup>3</sup> )	O/A Height (mm)	Nett Weight (kg)	Service Connections (inches)	
								Suct.	Disch.

**AV Series M/HBP (EXC = 240V / 1 PHASE, EXG = 415V / 3 PHASE) AB Oil (CONT'D)**

AVA5535EXG	4.76	Included 50 W	FC	1 or 2	1597	388	36	7/8 ST	1/2 ST
AVA5538EXC	14.6	018-0091-18 (70 W - 240 V)	FC	1 or 2	1597	391	38	7/8 ST	1/2 ST
AVA5538EXG	5.3	Included 50 W	FC	1 or 2	1597	391	38	7/8 ST	1/2 ST
AVA5542EXC	15.6	018-0091-18 (70 W - 240 V)	FC	1 or 2	1597	370	38	7/8 ST	1/2 ST
AVA5542EXG	5.96	Included 50 W	FC	1 or 2	1597	370	38	7/8 ST	1/2 ST
AVA5546EXC	18.5	018-0091-18 (70 W - 240 V)	FC	1 or 2	1597	370	38	7/8 ST	1/2 ST
AVA5546EXG	6.6	Included 50 W	FC	1 or 2	1597	370	38	7/8 ST	1/2 ST
AVA5555EXG	7.8	Included 50 W	FC	1 or 2	1597	391	40	7/8 ST	1/2 ST
AVB5558EXG	7.6	Included 50 W	FC	1 or 2	1597	391	40	7/8 ST	1/2 ST

EXC Designates 1 Phase Motor = 220/240V / 50Hz.  
EXG Designates 3 Phase Motor = 380/420V / 50Hz.

**STANDARD CONDITIONS - NOMINAL CAPACITIES ARE ESTABLISHED THROUGH ASHRAE-T STANDARD CONDITIONS**

Application	Evaporating	Ambient	Cond	Liquid Entering
	Temp °C	Temp °C	Temp °C	Temp °C
Low Suction Temp	-23.3	32	55	32
Med Suction Temp	-6.7	35	55	47
High Suction Temp	7.2	35	55	47
A/C Suction Temp	7.2	35	55	47

1 Phase Motor = 220/240V / 50Hz.

3 Phase Motor = 380/420V / 50Hz.

**Features:**

- All hermetic compressors are offered as service packs and include feet mounting kit, electrical components and rotalock service valve where nominated.
- Compressor auxiliary cooling requirements.
  - AC** = Ambient Air Cooling
  - FC** = Fan Air Cooling
  - OC** = Oil Cooling
- Compressor service port connection types vary for different model.
  - SV** = Solder connection Rotalock Valve
  - ST** = Solder connection Tube

- Low start torque compressors (i.e. with RSIR motors) require capillary refrigerant control.
- High start torque compressors (i.e. with CSIR, CSR or 3 Phase motors) can be used with capillary or TX Valve control preferred.
- Crankcase Heaters available, please order separately

**Application of HFC refrigerant alternatives should be verified with your local Kirby HVAC&R Representative.**





**COMPRESSOR CROSS REFERENCE TABLE (OBSOLETE TO CURRENT MODELS)**

**AIR CONDITIONING +7.2°C SST - R22/R407C**

Obsolete Tecumseh Compressor	Capacity Watts	Copeland Hermetic Recip. Compressor	Capacity Watts	Maneurop Hermetic Recip. Compressor	Capacity Watts	Copeland Scroll Compressor*	Capacity Watts
AVA5535EXC	8590	CR33KQPFZ280-C	7735	MTZ36-5VI	9270	ZR36K3EPFJ522-C	8850
AVA5535EXG		CR33KQTFD265-C		MTZ36-4VI		ZR36K3ETFD522-C	
AVA5538EXC	9380	CR41KQPFZ280-C	10165	MTZ40-5VI	10480	ZR40K3EPFJ522-C	9260
AVA5538EXG		CR41KQTFD265-C		MTZ40-4VI		ZR40K3ETFD522-C	
AVA5542EXC	10380	CR41KQPFZ280-C	10165	MTZ44-5VI	10480	ZR42K3EPFJ522-C	10140
AVA5542EXG		CR41KQTFD265-C		MTZ44-4VI		ZR42KCETFD522-C	
AVA5546EXC	11360	CR47KQPFZ280-C	11950	MTZ44-5VI	10520	ZR47KCEPFJ522-C	11500
AVA5546EXG		CR47KQTFD280-C		MTZ44-4VI		ZR47KCETFD522-C	
AVA5555EXG	13430	CR53KQTFD267-C	12950	MTZ56-4VI	13750	ZR61KCETFD522-C	14700
AVB5558EXG	13720	CR53KQTFD267-C	12950	MTZ56-4VI	13750	ZR61KCETFD522-C	14700
AGA5561EXG	14880	CR53KQTFD267-C	12950	MTZ64-4VI	15730	ZR61KCETFD522-C	14700
AGC5568EXG	16360	-	-	MTZ64-4VI	15730	ZR68KCETFD522-C	16500
AGA5573EXG	17680	-	-	MTZ72-4VI	18190	ZR72KCETFD522-C	17800

**MEDIUM TEMPERATURE -5°C SST. R404A/R507**



Obsolete Tecumseh Compressor	Capacity Watts	Copeland Hermetic Recip. Compressor	Capacity Watts	Maneurop Hermetic Recip. Compressor	Capacity Watts
AV91MHG-2C	7500	CS18K6ETFD523-C	5200	MTZ40-4VI	5490
AV73MHG-2C	5560	CS20K6ETFD523-C	5950	MTZ44-4VI	5840
AV91MHG-2C	7500	CS27K6ETFD523-C	7760	MTZ56-4VI	7880
AV92MHG-2C	7700	CS27K6ETFD523-C	7760	MTZ56-4VI	7880
AG125MHG-2C	8650	CS33K6ETFD523-C	9320	MTZ64-4VI	9130
AG135MHG-2C	9350	*ZF15K4ETFD551-C	10250	MTZ64-4VI	9130

**LOW TEMP -25°C SST - R404A/R507**

Obsolete Tecumseh Compressor	Capacity Watts	Copeland Hermetic Recip. Compressor	Capacity Watts	Maneurop Hermetic Recip. Compressor	Capacity Watts
AVA2490ZXG	2400	CS27K6ETFD523-C	2365	NTZ068-4RL1	2490
		CS33K6ETFD523-C	2950	NTZ096-4RL1	2900

Alternative selections should be verified by your local Kirby HVAC&R Representative





## KIRBY HERMETIC COMPRESSOR - SPARE PARTS

Compressor Model	Phase	Volts/Hz	Overload P/No.	Relay P/No.	Start Capacitor	
					P/No.	MFD
AE10LMA-1KS**	1	240V/50Hz	KME660-9	KME684-2	92A040B330AD2X	40-48 µF 330 VAC.
AE1411A-7KS**	1	240V/50Hz	KME660-11	KME680-16		
AEV6LY-1KS	1	240V/50Hz	KME660-34	KME680-3		
AEV7LY-1KS	1	240V/50Hz	KME660-7	KME680-21		
AEV8LY-1KS	1	240V/50Hz	KME660-7	KME680-10		
AEV9LY-1KS	1	240V/50Hz	KME671-4	KME680-20		
AVA5535EXC	1	240V/50Hz	Internal	82831		
AVA5535EXG	3	415V/50Hz	Internal			
AVA5538EXC	1	240V/50Hz	Internal	82269-1		
AVA5538EXG	1	240V/50Hz	Internal			
AVA5542EXC	1	240V/50Hz	Internal	82269-1		
AVA5542EXG	3	415V/50Hz	Internal			
AVA5546EXC	1	240V/50Hz	Internal	82269-1		
AVA5546EXG	3	415V/50Hz	Internal			
AVA5555EXG	3	415V/50Hz	Internal			
AVB5558EXG	3	415V/50Hz	Internal			
AW38MG-1C	1	240V/50Hz	Internal	KME692-1	92A120B330CE7X	120-144 µF 330 VAC.
AW40LZ-1C	1	240V/50Hz	Internal	KME692-1	92A120B330CE7X	120-144 µF 330 VAC.
AW43LZ-5C	1	240V/50Hz	Internal	RVA3H6D	92A120B330CE7X	120-144 µF 330 VAC.
AW43MHG-1C	1	240V/50Hz	Internal	RVA3H6D	92A108B250BD4X	108-130 µF 330 VAC.
AW43MHG-4C	3	415V/50Hz	Internal			
AW48MHG-1C	1	240V/50Hz	Internal	RVA3G6D	92A108B250BD4X	108-130 µF 330 VAC.
AW48MHG-4C	3	415V/50Hz	Internal			
AW48MHY-3C	1	240V/50Hz	Internal	KGE681-4	92A120B330CE7X	120-140 µF 330 VAC.
AW54LZ-1C LBP	1	240V/50Hz	Internal	RVA3H6D	92A120B330CE7X	120-140 µF 330 VAC.
AW54LZ-1C M/HBP	1	240V/50Hz	Internal	RVA3H6D	92A120B330CE7X	120-140 µF 330 VAC.
AW54MHG-3C	1	240V/50Hz	Internal	KGE681-4	92A108B250BD4X	108-130 µF 330 VAC.
AW54MHG-4C	3	415V/50Hz	Internal			
AW5522EK-3C	1	240V/50Hz	Internal			
AW5524EK-3C	1	240V/50Hz	Internal			
AW5528EK-3C	1	240V/50Hz	Internal			
AW5528EXG-4C	3	415V/50Hz	Internal			
AW5532EK-3C	1	240V/50Hz	Internal			
AZ33LY-1KS	1	240V/50Hz	KME660-2	KME680-1		
AZ36LY-1KS	1	240V/50Hz	KME660-32	KME681-2		
AZ40LY-1KS	1	240V/50Hz	KME660-3	KME690-20		
AZ56LY-1KS	1	240V/50Hz	KME660-5	KME680-13		
BA12LMY-1KS	1	240V/50Hz	KME660-10	KME684-1	92A040B330AD2X	40-48 µF 330 VAC.
BA12MG-1KS	1	240V/50Hz	KME660-24	KME682-1	92A040B330AD2X	40-48 µF 330 VAC.
BA14LMY-1KS	1	240V/50Hz	KME660-8	KME684-1	92A040B330AD2X	40-48 µF 330 VAC.
BA14MG-1KS	1	240V/50Hz	KME660-24	KME682-1	92A040B330AD2X	40-48 µF 330 VAC.
BA16LMY-1KS	1	240V/50Hz	KME660-24	KME682-1	92A040B330AD2X	40-48 µF 330 VAC.
BA16LZ-1KS	1	240V/50Hz	KME660-41	RVA8R6D	92A040B330AD2X	40-48 µF 330 VAC.
BA16MG-4KS	1	240V/50Hz	KME671-4	RVA6M6D	92A040B330AD2X	40-48 µF 330 VAC.
BA18LZ-1KS	1	240V/50Hz	KME664-3	RVA8R6D	92A040B330AD2X	40-48 µF 330 VAC.
BA18MG-1KS	1	240V/50Hz	KME664-3	RVA8R6D	92A040B330AD2X	40-48 µF 330 VAC.
BA5MHG-1KS	1	240V/50Hz	KME660-6	KME680-4		
BA6MHG-1KS	1	240V/50Hz	KME660-10	KME684-1	92A040B330AD2X	40-48 µF 330 VAC.





## HERMETIC COMPRESSORS - RECIPROCATING (CONT'D)

### KIRBY HERMETIC COMPRESSOR - SPARE PARTS (CONT'D)

Compressor Model	Phase	Volts/Hz	Overload P/No.	Relay P/No.	Start Capacitor	
BA8LMY-1KS	1	240V/50Hz	KME660-6	KME680-4		
BA8MG-1KS	1	240V/50Hz	KME660-10	KME684-1	92A040B330AD2X	40-48 µF 330 VAC.
BA9MG-1KS	1	240V/50Hz	KME660-10	KME684-1	92A040B330AD2X	40-48 µF 330 VAC.
BA9MHY-1KS	1	240V/50Hz	KME660-9	KME684-2	92A040B330AD2X	40-48 µF 330 VAC.
WJ22LZ-1C	1	240V/50Hz	KME664-19	RVA3H6D	92A120B330CE7X	120-144 µF 330 VAC
WJ22MHG-1C	1	240V/50Hz	KME664-15	RVA3H6D	92A088B330BD4X	88-106 µF 330 VAC.
WJ26LZ-3C	1	240V/50Hz	KME664-18	RVA3H6D	92A161B330CE7X	161-193 µF 330 VAC.
WJ26MHG-3C	1	240V/50Hz	KME664-17	RVA3H6D	92A161B330CE7X	161-193 µF 330 VAC.
WJ31LZ-1C	1	240V/50Hz	KME664-15	RVA3H6D	92A161B330CE7X	161-193 µF 330 VAC.
WJ31MHG-1C	1	240V/50Hz	KME664-17	RVA3H6D	92A161B330CE7X	161-193 µF 330 VAC.

### KIRBY HERMETIC COMPRESSOR - SPARE PARTS (CONT'D)

Compressor Model	Run Capacitor		Black Electrical Box	R/L Suct. P/No.	R/L Disch. P/No.
	P/No.	MFD			
AE10LMA-1KS					
AE1411A-7KS					
AEV6LY-1KS					
AEV7LY-1KS					
AEV8LY-1KS					
AEV9LY-1KS					
AVA5535EXC	A17A400P9T	40 µF 450 VAC.	KWA099-3		
AVA5535EXG			KWA099-3		
AVA5538EXC	A17A350P9T	35 µF 450 VAC.	KWA099-3		
AVA5538EXG			KWA099-3		
AVA5542EXC	A17A400P9T	40 µF 450 VAC.	KWA099-3		
AVA5542EXG			KWA099-3		
AVA5546EXC	A17A400P9T	40 µF 450 VAC.	KWA099-3		
AVA5546EXG			KWA099-3		
AVA5555EXG					
AVB5558EXG					
AW38MG-1C	A17A200N7T	20 µF 450 VAC.	KWA099-3	2606-101620	
AW40LZ-1C	A17A200N7T	20 µF 450 VAC.	KWA099-3	2606-101620	
AW43LZ-5C	A17A300P7T	30 µF 450 VAC.	KWA099-3	2606-101620	
AW43MHG-1C	A17A350P9T	35 µF 450 VAC.	KWA099-3	2606-101620	
AW43MHG-4C			KWA099-3	2606-101620	
AW48MHG-1C	A17A350P9T	35 µF 450 VAC.	KWA099-3	2606-101620	
AW48MHG-4C			KWA099-3	2606-101620	
AW48MHY-3C	A17A200N7T	20 µF 450 VAC.	KWA099-3	2606-101620	
AW54LZ-1C LBP		<b>Not required</b>	KWA099-3	2606-101620	
AW54LZ-1C M/HBP	A17A200N7T	20 µF 450 VAC.	KWA099-3	2606-101620	
AW54MHG-3C	A17A450R9T	45 µF 450VAC.	KWA099-3	2606-101620	
AW54MHG-4C				2606-101620	
AW5522EK-3C					
AW5524EK-3C	A17A350P9T	35 µF 450 VAC.			
AW5528EK-3C	A17A350P9T	35 µF 450 VAC.			
AW5528EXG-4C					
AW5532EK-3C	A17A450R9T	45 µF 450 VAC.			
AZ33LY-1KS					

**KIRBY HERMETIC COMPRESSOR - SPARE PARTS (CONT'D)**

Compressor Model	Run Capacitor		Black Electrical Box	R/L Suct. P/No.	R/L Disch. P/No.
	P/No.	MFD			
AZ36LY-1KS					
AZ40LY-1KS					
AZ56LY-1KS					
BA12LMY-1KS			KWA099-3		
BA12MG-1KS	AI7A080L6T	8 µF 450 VAC.	KWA099-3		
BA14LMY-1KS			KWA099-3		
BA14MG-1KS	AI7A120N6T	12 µF 450 VAC.	KWA099-3		
BA16LMY-1KS	AI7A080L6T	8 µF 450 VAC.	KWA099-3		
BA16LZ-1KS	AI7A100L6T	10 µF 450 VAC	KWA099-3		
BA16MG-4KS	AI7A150N6T	15 µF 450 VAC.	KWA099-3		
BA18LZ-1KS	AI7A200N7T	20 µF 450 VAC	KWA099-3		
BA18MG-1KS	AI7A200N7T	20 µF 450 VAC.	KWA099-3		
BA5MHG-1KS					
BA6MHG-1KS			KWA099-3		
BA8LMY-1KS					
BA8MG-1KS			KWA099-3		
BA9MG-1KS			KWA099-3		
BA9MHY-1KS			KWA099-3		
WJ22LZ-1C	AI7A200N7T	20 µF 450 VAC.	KWA099-3	2600-081620	
WJ22MHG-1C	AI7A200N7T	20 µF 450 VAC.	KWA099-3	2600-081620	
WJ26LZ-3C	AI7A250P7T	25 µF 450 VAC.	KWA099-3	2600-081620	
WJ26MHG-3C	AI7A250P7T	25 µF 450 VAC.	KWA099-3	2600-081620	
WJ31LZ-1C	AI7A250P7T	25 µF 450 VAC.	KWA099-3	2606-101620	
WJ31MHG-1C	AI7A250P7T	25 µF 450 VAC.	KWA099-3	2606-101621	


**DANFOSS HERMETIC COMPRESSORS R404A, R507, R22, R134a**

Part Number	Model Number	Nominal HP	Displ. cm <sup>3</sup> / rev	Nominal Capacity (watts)								Rating Point
				Evaporating Temperature: °C								
				-25	-20	-15	-10	-5	0	5	10	

**R404A/R507/R22 M/HBP Compressors**

103U2680SP	FR6DL	1/4	6.23		317	385	471	576	698	840	999	795
104L2525SP	SC10DL	3/8	10.29	471	611	775	968	1192	1450	1747	2085	1345
104L2625SP	SC12DL	1/2	12.87	609	806	1028	1279	1565	1890	2258	2674	1662
104L2684SP	SC12D	3/8	10.29			583	783	1004	1250	1525	1835	1661
195B0391	SC15MLX	3/4	15.28		758	951	1183	1458	1780	2155		2338
104L2856SP	SC15DL	3/4	15.28	759	964	1207	1493	1825	2210	2652	3156	2021
195B0437	GS26MLX	1-1/4	26.3			1791	2238	2751	3341	4015		-
195B0438	GS34MLX	1-1/2	33.8			2388	2938	3563	4276	5087		-

**R404A / R507 LBP Compressors**

103U2670SP	FR6CL	1/5	6.23	243	307	383	473	578				-
103U2890SP	FR8.5CL	1/4	7.95	290	372	468	577					-
104L2523SP	SC10CL	1/3	10.29	365	489	634	800	991				-
104L2623SP	SC12CL	3/8	12.87	490	650	835	1048	1292				-

