

TECHNICAL DATA



MODEL 501R Prior To Serial # M1204240/P1214190			MODEL 501R Starting with Serial # M1204240/P1214190		
		Refrigerator			Refrigerator
Charge (R-12 Refrigerant) Prior to # M658665/P662865 & From M658666/P662866 to M1204240/P1214190		8.0 oz. 9.0 oz.	Charge (R-134a Refrigerant)		10.0 oz
Control (normal #5 setting) Service Part No. - Cut-in/Cut-out		4201260 39.0°/31.0° F	Control (normal #5 setting) Service Part No. - Cut-in/Cut-out		4201260 39.0°/31.0° F
Compressor Service Part No. Mfg. Part No. Service Compressor Amps Service Compressor BTU's		4201670 EM30SC 0.8 318	Compressor Service Part No. Mfg. Part No. Service Compressor Amps Service Compressor BTU's		4201880 EMI30HER 0.9 280
Suction Pressure (PSIG) - Cut-in/Cut-out		39 / 18	Suction Pressure (PSIG) - Cut-in/Cut-out		36 / 15
Original Defrost Timer (Cycle) Interval Duration		---- ----	Original Defrost Timer (Cycle) Interval Duration		---- ----
Defrost Terminator - Cut-in/Cut-out		----	Defrost Terminator - Cut-in/Cut-out		----
Defrost Heater - Watts - Amps - Ohms		---- ---- ----	Defrost Heater - Watts - Amps - Ohms		---- ---- ----
Drain Tube Heater - Watts - Amps - Ohms		---- ---- ----	Drain Tube Heater - Watts - Amps - Ohms		---- ---- ----
Drain Trough Heater - Watts - Amps - Ohms		---- ---- ----	Drain Trough Heater - Watts - Amps - Ohms		---- ---- ----
Fill Tube Heater - Watts - Amps - Ohms		---- ---- ----	Fill Tube Heater - Watts - Amps - Ohms		---- ---- ----

MODEL 501F Prior To Serial # M/P1204990/P1214440 and except between #M/P1104940 to M/P1105139		MODEL 501F Starting with Serial # M/P1204990/P1214440 and between #M/P1104940 to M/P1105139	
	Freezer		Freezer
Charge (R-12 Refrigerant)	10.0 oz.	Charge (R-134a Refrigerant)	11.0 oz.
Control (normal #5 setting) Prior to #M66311/P679466 and from #M/P960170 to #M/P960319 and from #M/P996400 to #M/P996574 and starting with #M/P1004775. Service Part No. 3012541 - Cut-in/Cut-out 10.0° / -6.0° F From #M66311/P679466 to #M/P960170 and from #M/P960319 to #M/P996400 and from #M/P996574 to #M/P1004775. Service Part No. 3012750 - Cut-in/Cut-out -3.0°/-18.0° F		Control (normal #5 setting) Service Part No. 3012541 - Cut-in/Cut-out 10.0° / -6.0° F	
Compressor Service Part No. 4202560 Mfg. Part No. DA9L Service Compressor Amps 10.8 Service Compressor BTU's 1151		Compressor Service Part No. 4201870 Mfg. Part No. RG108 Service Compressor Amps 1.4 Service Compressor BTU's 830	
Suction Pressure (PSIG) - Cut-in/Cut-out 14 / 1		Suction Pressure (PSIG) - Cut-in/Cut-out 13 / -1" Vac	
Original Defrost Timer (Cycle) Prior to #M/P960171 and from #M/P960319 to #M/P996400 and from #M/P996574 to #M/P1004775. - Interval 12 hour - Duration Continuous 15 minute From #M/P960171 to #M/P960319 and from #M/P996400 to #M/P996574 and starting with #M/P1004775. - Interval 12 hour (comp. run) - Duration 15 minute Service (6hr/21min) Part No. 3081180		Original Defrost Timer (Cycle) - Interval 12 hour (comp. run) - Duration 15 minute Service (6hr/21min) Part No. 3081180	
Defrost Terminator - Cut-in/Cut-out 30.0° / 55.0°F.		Defrost Terminator - Cut-in/Cut-out 30.0° / 55.0°F.	
Defrost Heater - Watts 640 - Amps 5.5 - Ohms 2.1		Defrost Heater - Watts 640 - Amps 5.5 - Ohms 2.1	
Drain Tube Heater - Watts 15 - Amps 0.13 - Ohms 900		Drain Tube Heater - Watts 15 - Amps 0.13 - Ohms 900	
Drain Trough Heater - Watts 50 - Amps 0.4 - Ohms 260		Drain Trough Heater - Watts 50 - Amps 0.4 - Ohms 260	
Fill Tube Heater <i>(Starting with #M1184540/P1200040)</i> - Watts 5 - Amps 0.04 - Ohms 2600		Fill Tube Heater - Watts 5 - Amps 0.04 - Ohms 2600	

TECHNICAL DATA



MODEL 511 Prior To Serial # M/P1204690			MODEL 511 Starting with Serial # M/P1204690		
	Refrigerator	Freezer		Refrigerator	Freezer
Charge (R-12 Refrigerant) Prior to #M/P964470 and from #M/P964769 to #M/P1004775	7.0 oz.	8.0 oz.	Charge (R-134a Refrigerant)	10.0 oz.	8.5 oz.
From M/P9644470 to M/P964769 and from #M/P1004775 to #M/P1204690	9.0 oz.	8.0 oz.			
Control (normal #5 setting) Service Part No. - Cut-in/Cut-out	4201260 39.0°/31.0° F	3014280 14.0°/-2.0° F	Control (normal #5 setting) Service Part No. - Cut-in/Cut-out	4201260 39.0°/31.0° F	3014280 14.0°/-2.0° F
Compressor Service Part No. Mfg. Part No. Service Compressor Amps Service Compressor BTU's	4201670 EM30SC 0.8 318	4201400 D120 1.4 762	Compressor Service Part No. Mfg. Part No. Service Compressor Amps Service Compressor BTU's	4201880 EMI30HER 0.9 280	4201870 RG108 1.4 830
Suction Pressure (PSIG) - Cut-in/Cut-out	36 / 16	15 / 1	Suction Pressure (PSIG) - Cut-in/Cut-out	38 / 16	14 / -2" Vac
Original Defrost Timer (Cycle) Prior to #M/P964470 and from #M/P964769 to #M/P1004775			Original Defrost Timer (Cycle)		
Interval	----	12 Hour	Interval	----	24 Hour
Duration	----	Continuous	Duration	----	(comp. run)
		15 Minutes	Service (6hr/21min) Part No.	----	20 Minutes
From #M/P964470 to #M/P964769 and from #M/P1004775 to #M/P1204690					3081180
Interval	----	24 Hour			
Duration	----	(comp. run)			
Service (6hr/21min) Part No.	----	20 Minutes			
		3081180			
Defrost Terminator - Cut-in/Cut-out	----	30.0°/55.0°F	Defrost Terminator - Cut-in/Cut-out	----	30.0°/55.0°F
Defrost Heater - Watts - Amps - Ohms	----	640 5.5 21	Defrost Heater - Watts - Amps - Ohms	----	640 5.5 21
Drain Tube Heater - Watts - Amps - Ohms	----	7 0.06 1890	Drain Tube Heater - Watts - Amps - Ohms	----	7 0.06 1890
Drain Trough Heater - Watts - Amps - Ohms	----	----	Drain Trough Heater - Watts - Amps - Ohms	----	----
Fill Tube Heater - Watts - Amps - Ohms	----	5 0.04 2600	Fill Tube Heater - Watts - Amps - Ohms	----	5 0.04 2600

MODEL 532 Prior To Serial # M1206090/P1213890 except between #M/P185040 to #M/P1185139, and except between #M/P1203740 to #M/P1203839			MODEL 532 Starting with Serial # M1206090/P1213890 and between #M/P185040 to #M/P1185139, and between #M/P1203740 to #M/P1203839		
	Refrigerator	Freezer		Refrigerator	Freezer
Charge (R-12 Refrigerant) Prior to #M681568	11.0 oz.	12.0 oz.	Charge (R-134a Refrigerant)	10.0 oz.	9.0 oz.
From #M681568/P612141 to #M/P964770 and from #M/P965069 to #M/P1004775	7.0 oz.	8.0 oz.			
From #M/P964770 to #M/P965069 and from #M/P1004775 to #M/P1185040 and from #M/P1185139 to #M/P1203740 and from #M/P1203839 to #M1206090/P1213890	10.0 oz.	10.5 oz.			
Control (normal #5 setting) Prior to #M681568/P612141	Service Part No. 4201260 - Cut-in/Cut-out 39.0°/31.0° F	3012670 1.5°/-5.0° F	Control (normal #5 setting) Service Part No.	4201260 39.0°/31.0° F	3012742 -1.5°/-8.5° F
Starting with #M681568/P612141	Service Part No. 4201260 - Cut-in/Cut-out 39.0°/31.0° F	3012742 -1.5°/-8.5° F	- Cut-in/Cut-out		
Compressor	Service Part No. 4201670 Mfg. Part No. EM30SC Service Compressor Amps 0.8 Service Compressor BTU's 318	4201400 D120 1.4 762	Compressor	Service Part No. 4201880 Mfg. Part No. EMI30HER Service Compressor Amps 0.9 Service Compressor BTU's 280	4202250 DA73 1.4 860
Suction Pressure (PSIG) Prior to #M681568/P612141	- Cut-in/Cut-out 36 / 16	10 / 1	Suction Pressure (PSIG)	- Cut-in/Cut-out 38 / 11	9 / -1" Vac
Starting with #M681568/P612141	- Cut-in/Cut-out 36 / 16	13 / 4	- Cut-in/Cut-out		
Original Defrost Timer (Cycle) Prior to #M681568/P612141	Interval ---- Duration ----	12 Hour Continuous 15 Minutes	Original Defrost Timer (Cycle)	Interval ---- Duration ---- Service (6hr/21min) Part No. ----	24 Hour (comp. run) 20 Minutes 3081180
From #M681568/P612141 to #M/P964770 and from #M/P965069 to #M/P1004775	Interval ---- Duration ----	24 Hour (comp. run) 15 Minutes			
From #M/P964770 to M/P965069 and from #M/P1004775 to #M1206090/P1213890	Interval ---- Duration ---- Service (6hr/21min) Part No. ----	24 Hour (comp. run) 20 Minutes 3081180			
Defrost Terminator - Cut-in/Cut-out	----	30.0°/55.0°F	Defrost Terminator - Cut-in/Cut-out	----	30.0°/55.0°F
Defrost Heater	- Watts ---- - Amps ---- - Ohms ----	640 5.5 21	Defrost Heater	- Watts ---- - Amps ---- - Ohms ----	640 5.5 21
Drain Tube Heater	- Watts ---- - Amps ---- - Ohms ----	7 0.06 1890	Drain Tube Heater	- Watts ---- - Amps ---- - Ohms ----	7 0.06 1890
Drain Trough Heater	- Watts ---- - Amps ---- - Ohms ----	---- ---- ----	Drain Trough Heater	- Watts ---- - Amps ---- - Ohms ----	---- ---- ----
Fill Tube Heater	- Watts ---- - Amps ---- - Ohms ----	5 0.04 2600	Fill Tube Heater	- Watts ---- - Amps ---- - Ohms ----	5 0.04 2600

TECHNICAL DATA



MODEL 542			Refrigerator	Freezer
Charge (R-134a Refrigerant)			9.0 oz.	7.5 oz.
Control (normal #5 setting)	Service Part No. - Cut-in/Cut-out		4201260 39.0°/31.0° F	4202742 -1.5°/-8.5° F
Compressor	Service Part No. Mfg. Part No. Service Compressor Amps Service Compressor BTU's		4201880 EMI30HER 0.9 280	4202250 DA73 1.4 860
Suction Pressure (PSIG)	- Cut-in/Cut-out		38 / 11	9 / -1" Vac
Original Defrost Timer (Cycle)	Interval Duration Service (6hr/21min) Part No.		---- ---- ----	24 Hour (comp. run) 20 Minutes 3081180
Defrost Terminator	- Cut-in/Cut-out		----	30.0°/55.0°F
Defrost Heater	- Watts - Amps - Ohms		---- ---- ----	516 4.5 26
Drain Tube Heater	- Watts - Amps - Ohms		---- ---- ----	7 0.06 1890
Drain Trough Heater	- Watts - Amps - Ohms		---- ---- ----	---- ---- ----
Fill Tube Heater	- Watts - Amps - Ohms		---- ---- ----	5 0.04 2600

MODEL 550 Prior To Serial # M1204990/P1214590 except between #M/P1184141 to #M/P1184239			MODEL 550 Starting with Serial # M1204990/P1214590 and between #M/P1184141 to #M/P1184239		
	Refrigerator	Freezer		Refrigerator	Freezer
Charge (R-12 Refrigerant) Prior to #MIP681166 From #MIP681166 to #MIP964070 and from #MIP964496 to #MIP1004775 From #MIP964070 to #MIP964496 and from #MIP1004775 to #MIP1184141 and from #MIP1184239 to #M1204990/P1214590	10.0 oz. 7.0 oz. 8.0 oz.	14.0 oz. 8.0 oz. 11.0 oz.	Charge (R-134a Refrigerant) From #MIP1184140 to #MIP1184239 Starting with #M1204990/P1214590	10.0 oz. 8.0 oz.	9.5 oz. 6.0 oz.
Control (normal #5 setting) Service Part No. - Cut-in/Cut-out	4201260 39.0°/31.0° F	3014280 14.0°/-2.0° F	Control (normal #5 setting) Service Part No. - Cut-in/Cut-out	4201260 39.0°/31.0° F	3014280 14.0°/-2.0° F
Compressor Service Part No. Mfg. Part No. Service Compressor Amps Service Compressor BTU's	4201670 EM30SC 0.8 318	4201400 D120 1.4 762	Compressor Service Part No. Mfg. Part No. Service Compressor Amps Service Compressor BTU's	4201880 EMI30HER 0.9 280	4202250 DA73 1.4 860
Suction Pressure (PSIG) - Cut-in/Cut-out	36 / 16	13 / 1	Suction Pressure (PSIG) - Cut-in/Cut-out	40 / 6	12 / -2" Vac
Original Defrost Timer (Cycle) Prior to #M/P681166 Interval Duration From #M/P681166 to #M/P964070 and from #M/P964496 to #M/P1004775 Interval Duration From #M/P964070 to #M/P964496 and from #M/P1004775 to #M1204990/P1214590 Interval Duration Service (6hr/21min) Part No.	--- --- --- --- --- --- ---	12 Hour Continuous 15 Minutes 12 Hour (comp. run) 15 Minutes 24 Hour (comp. run) 20 Minutes 3081180	Original Defrost Timer (Cycle) Interval Duration Service (6hr/21min) Part No.	--- --- ---	24 Hour (comp. run) 20 Minutes 3081880
Defrost Terminator - Cut-in/Cut-out	---	30.0°/55.0°F	Defrost Terminator - Cut-in/Cut-out	---	30.0°/55.0°F
Defrost Heater - Watts - Amps - Ohms	--- --- ---	640 5.5 21	Defrost Heater - Watts - Amps - Ohms	--- --- ---	640 5.5 21
Drain Tube Heater - Watts - Amps - Ohms	--- --- ---	7 0.06 1890	Drain Tube Heater - Watts - Amps - Ohms	--- --- ---	7 0.06 1890
Drain Trough Heater - Watts - Amps - Ohms	--- --- ---	--- --- ---	Drain Trough Heater - Watts - Amps - Ohms	--- --- ---	--- --- ---
Fill Tube Heater Starting with #M1184540/P1200040 - Watts - Amps - Ohms	--- --- ---	5 0.04 2600	Fill Tube Heater - Watts - Amps - Ohms	--- --- ---	5 0.04 2600

TECHNICAL DATA



MODEL 561 Prior To Serial # M/P1198140/P1213190			MODEL 561 Starting with Serial # M/P1198140/P1213190		
	Refrigerator	Freezer		Refrigerator	Freezer
Charge (R-12 Refrigerant) Prior to #M/P965470 and from #M/P965869 to #M/P1004775	7.0 oz.	8.0 oz.	Charge (R-134a Refrigerant)	7.0 oz.	7.0 oz.
From #M/P965470 to #M/P965869 and from #M/P1004775 to #M/P1198140/P1213190	8.0 oz.	9.5 oz.			
Control (normal #5 setting) Service Part No. - Cut-in/Cut-out	4201260 39.0°/31.0° F	3012742 -1.5°/-8.5° F	Control (normal #5 setting) Service Part No. - Cut-in/Cut-out	4201260 39.0°/31.0° F	3012742 -1.5°/-8.5° F
Compressor Service Part No. Mfg. Part No. Service Compressor Amps Service Compressor BTU's	4201670 EM30SC 0.8 318	4201400 D120 1.4 762	Compressor Service Part No. Mfg. Part No. Service Compressor Amps Service Compressor BTU's	4201880 EMI30HER 0.9 280	4202250 DA73 1.4 860
Suction Pressure (PSIG) - Cut-in/Cut-out	36 / 16	15 / 4	Suction Pressure (PSIG) - Cut-in/Cut-out	35 / 9	8 / -1" Vac
Original Defrost Timer (Cycle) Prior to #M/P816264	Interval --- Duration ---	12 Hour Continuous 15 Minutes	Original Defrost Timer (Cycle) Interval --- Duration --- Service (6hr/21min) Part No. ---	--- --- ---	24 Hour (comp. run) 20 Minutes 3081180
From #M/P816264 to #M/P965470 and from #M/P965869 to #M/P1004775	Interval --- Duration ---	12 Hour (comp. run) 15 Minutes			
From #M/P965470 to M/P965869 and from #M/P965869 to #M/P1198140/P1213190	Interval --- Duration --- Service (6hr/21min) Part No. ---	24 Hour (comp. run) 20 Minutes 3081180			
Defrost Terminator - Cut-in/Cut-out	---	30.0°/55.0°F	Defrost Terminator - Cut-in/Cut-out	---	30.0°/55.0°F
Defrost Heater - Watts - Amps - Ohms	--- --- ---	640 5.5 21	Defrost Heater - Watts - Amps - Ohms	--- --- ---	640 5.5 21
Drain Tube Heater - Watts - Amps - Ohms	--- --- ---	7 0.06 1890	Drain Tube Heater - Watts - Amps - Ohms	--- --- ---	7 0.06 1890
Drain Trough Heater - Watts - Amps - Ohms	--- --- ---	--- --- ---	Drain Trough Heater - Watts - Amps - Ohms	--- --- ---	--- --- ---
Fill Tube Heater Starting with #M1184540/P1200040	--- --- ---	5 0.04 2600	Fill Tube Heater - Watts - Amps - Ohms	--- --- ---	5 0.04 2600



500 Series

TECHNICAL DATA

MODEL 590 Prior To Serial # M/P1197840			MODEL 590 Starting with Serial # M/P1197840		
	Refrigerator	Freezer		Refrigerator	Freezer
Charge (R-12 Refrigerant) Prior to #M/P965870 and from #M/P966269 to #M/P1004775	7.0 oz.	9.0 oz.	Charge (R-134a Refrigerant)	7.0 oz.	9.0 oz.
From #M/P965870 to #M/P966269 and from #M/P1004775 to #M/P1198740	10.0 oz.	9.0 oz.			
Control (normal #5 setting) Service Part No. - Cut-in/Cut-out	4201270 37.0°/35.0° F	3012881 4.0°/-6.0° F	Control (normal #5 setting) Service Part No. - Cut-in/Cut-out	4201270 37.0°/35.0° F	3012881 4.0°/-6.0° F
Compressor Service Part No. Mfg. Part No. Service Compressor Amps Service Compressor BTU's	4201670 EM30SC 0.8 318	4201400 D120 1.4 762	Compressor Service Part No. Mfg. Part No. Service Compressor Amps Service Compressor BTU's	4201880 EMI30HER 0.8 280	4202250 DA73 1.4 860
Suction Pressure (PSIG) - Cut-in/Cut-out	36 / 16	10 / 1	Suction Pressure (PSIG) - Cut-in/Cut-out	39 / 9	10 / -1" Vac
Original Defrost Timer (Cycle) Prior to #M/P965870 and from #M/P966269 to #M/P1004775 Interval Duration From #M/P965870 to #M/P966269 and from #M/P1004775 to #M/P1197840 Interval Duration Service (6hr/21min) Part No.	--- --- --- ---	12 Hour (comp. run) 15 Minutes 24 Hour (comp. run) 20 Minutes 3081180	Original Defrost Timer (Cycle) Interval Duration Service (6hr/21min) Part No.	--- --- ---	24 Hour (comp. run) 20 Minutes 3081180
Defrost Terminator - Cut-in/Cut-out	---	30.0°/55.0°F	Defrost Terminator - Cut-in/Cut-out	---	30.0°/55.0°F
Defrost Heater - Watts - Amps - Ohms	--- --- ---	640 5.5 21	Defrost Heater - Watts - Amps - Ohms	--- --- ---	640 5.5 21
Drain Tube Heater - Watts - Amps - Ohms	--- --- ---	7 0.06 1890	Drain Tube Heater - Watts - Amps - Ohms	--- --- ---	7 0.06 1890
Drain Trough Heater - Watts - Amps - Ohms	--- --- ---	15 0.13 960	Drain Trough Heater - Watts - Amps - Ohms	--- --- ---	15 0.13 960
Fill Tube Heater Starting with #M1184540/P1200040 - Watts - Amps - Ohms	--- --- ---	5 0.04 2600	Fill Tube Heater - Watts - Amps - Ohms	--- --- ---	5 0.04 2600
Mullion Chute Heater - Watts - Amps - Ohms	--- --- ---	15 0.13 960	Mullion Chute Heater - Watts - Amps - Ohms	--- --- ---	15 0.13 960
Glass Well Heater - Watts - Amps - Ohms	--- --- ---	5 0.04 2880	Glass Well Heater - Watts - Amps - Ohms	--- --- ---	5 0.04 2880