



# Model 700BC/I-3

		FREEZER
<b>CHARGE</b> (R-134a Refrigerant) <i>NOTE: Always check serial tag for exact charge</i>		6 oz.
<b>NORMAL OPERATING PRESSURES</b>		
	Low Side	5"-1 psi to 6-12 psi
	High Side	75 psi to 120 psi
<b>COMPRESSOR</b> <i>NOTE: Always check current parts price list for possible substitutions.</i>		
	Service Part No.	4201860
	Manufacturer	Embraco
	Mfg. Model No.	FGS70 A
	Original/Service Compressor Amps	~1.2 / ~1.2
	Original/Service Compressor BTU/H	710 / 715
<b>DEFROST METHOD</b>		"Adaptive Defrost" Defrost intervals and duration vary by unit use. 5 minute compressor delay after each defrost.
<b>DEFROST TERMINATOR</b>		
	Cut-In Temp.	30°F / -1°C
	Cut-Out Temp.	70°F / 21°C
<b>DEFROST HEATER</b>		
	Watts	490
	Amps	4.1 - 4.5
	Resistance/Ohms	25 - 29
<b>DRAIN TUBE HEATER</b>		
	Watts	7
	Amps	50 - 60 mA
	Resistance/Ohms	1700 - 2100
<b>FILL TUBE HEATER</b>		
	Watts	4.2
	Amps	30 - 40 mA
	Resistance/Ohms	2300 - 2900
<b>WATER VALVE</b>		
	Watts	50
	Amps	0.42
	Resistance/Ohms (Inductive)	160
<b>THERMISTORS</b> (Evap & Compartment)		
	Resistance/Ohms at 32°F / 0°C	30000 - 33000



# Model 700BR-3

		FREEZER
<b>CHARGE</b> (R-134a Refrigerant) <i>NOTE: Always check serial tag for exact charge</i>		3.75 oz.
<b>NORMAL OPERATING PRESSURES</b>		Low Side 0-12 psi to 30-42 psi High Side 75 psi to 110 psi
<b>COMPRESSOR</b> <i>NOTE: Always check current parts price list for possible substitutions.</i>		
Service Part No. Manufacturer Mfg. Model No. Original/Service Compressor Amps Original/Service Compressor BTU/H		4201880 Embraco EMI30HER ~ 1.0 / ~1.1 345 / 280
<b>DEFROST METHOD</b>		"Fan Assisted Off-Cycle Defrost" Evap > 38°F before Compressor ON.
<b>THERMISTORS</b> (Evap & Compartment)		30000 - 33000
Resistance/Ohms at 32°F / 0°C		



# Model 700BF/I-3

		FREEZER
<b>CHARGE</b> (R-134a Refrigerant) <i>NOTE: Always check serial tag for exact charge</i>		6 oz.
<b>NORMAL OPERATING PRESSURES</b>		Low Side 5"-1 psi to 6-12 psi High Side 75 psi to 120 psi
<b>COMPRESSOR</b> <i>NOTE: Always check current parts price list for possible substitutions.</i>		
Service Part No. 4201860 Manufacturer Embraco Mfg. Model No. FGS70HA Original/Service Compressor Amps ~1.2 / ~1.2 Original/Service Compressor BTU/H 710 / 715		
<b>DEFROST METHOD</b>		"Adaptive Defrost" Defrost intervals and duration vary by unit use. 5 minute compressor delay after each defrost.
<b>DEFROST TERMINATOR</b>		Cut-In Temp. 30°F / -1°C Cut-Out Temp. 70°F / 21°C
<b>DEFROST HEATER</b>		Watts 490 Amps 4.1 - 4.5 Resistance/Ohms 25 - 29
<b>DRAIN TUBE HEATER</b>		Watts 7 Mili-Amps 50 - 60 mA Resistance/Ohms 1700 - 2100
<b>FILL TUBE HEATER</b>		Watts 4.2 Amps 30 - 40 mA Resistance/Ohms 2300 - 2900
<b>WATER VALVE</b>		Watts 50 Amps 0.42 Resistance/Ohms (Inductive) 160
<b>THERMISTORS</b> (Evap & Compartment)		Resistance/Ohms at 32°F / 0°C 30000 - 33000