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COMFORT-AIRE TGR42C Owner's Manual

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HEAT CONTROLLER, INC.

REPLACEMENT
PARTS

**Package Gas/Electric
TGR Series C
2 thru 5 tons**

No.	Notes	MODEL	TGR24C	TGR30C	TGR36C
Panels, Miscellaneous Parts					
		FRONT BASE PAN	AS-58628-07	AS-58628-07	AS-58628-07
		BASE RAIL (2)	AE-58562-03	AE-58562-03	AE-58562-03
		BASE RAIL (2)	AE-58562-04	AE-58562-04	AE-58562-04
		BACK BASE PAN	AS-58607-64	AS-58607-64	AS-58607-64
		BLOWER SHELF	AS-58630-01	AS-58630-01	AS-58630-01
		BLOWER SHELF TRANSITION	AS-58607-19	AS-58607-19	AS-58607-19
		DIVIDER PANEL	AS-58607-03	AS-58607-03	AS-58607-03
		BULKHEAD ASSEMBLY	AS-58607-62	AS-58607-62	AS-58607-55
		EXHAUST HOOD	AS-58629-01	AS-58629-01	AS-58629-01
		COMBUSTION AIR INLET HOOD	AE-58599-01	AE-58599-01	AE-58599-01
		CORNER POST	AS-58607-40	AS-58607-40	AS-58607-40
		BLOWER ACCESS PANEL	AS-58607-09	AS-58607-09	AS-58607-09
		END PANEL	AS-58607-04	AS-58607-04	AS-58607-04
		SUPPLY COVER - Downflow	AS-58607-06	AS-58607-06	AS-58607-06
		SUPPLY COVER - Side FLOW Option	AS-58607-35	AS-58607-35	AS-58607-35
		RETURN COVER - Downflow	AS-58607-05	AS-58607-05	AS-58607-05
		RETURN COVER - Side Option	AS-58607-34	AS-58607-34	AS-58607-34
		TOP PANEL	AS-58607-60	AS-58607-60	AS-58607-58
		GRILLE	95-100906-08	95-100906-08	95-100906-08
		FILTER ACCESS PANEL	AS-58607-08	AS-58607-08	AS-58607-08
		CONDENSER LOUVER PANEL	AS-58607-61	AS-58607-61	AS-58607-61
		CENTER POST	AE-58569-05	AE-58569-05	AE-58569-05
		CONTROL ACCESS PANEL	AS-58607-20	AS-58607-20	AS-58607-20
		CONTROL BOX - Less Components	AE-58597-01	AE-58597-01	AE-58597-01
		CONTROL BOX COVER	AE-58598-01	AE-58598-01	AE-58598-01
		FURNACE SHELF	AS-58607-11	AS-58607-11	AS-58607-11
		BURNER FLOOR	AE-58594-01	AE-58594-01	AE-58594-01
		HEAT EXCHANGER TUBE SUPPORT	AE-58590-01	AE-58590-01	AE-58590-01
		EXHAUST TRANSITION	AS-58607-36	AS-58607-36	AS-58607-36

No.	Notes	MODEL	TGR42C	TGR48C	TGR60C
Panels, Miscellaneous Parts					
		FRONT BASE PAN	AS-58628-07	AS-58628-07	AS-58628-07
		BASE RAIL (2)	AE-58562-03	AE-58562-03	AE-58562-03
		BASE RAIL (2)	AE-58562-04	AE-58562-04	AE-58562-04
		BACK BASE PAN	AS-58607-64	AS-58607-64	AS-58607-64
		BLOWER SHELF	AS-58630-01	AS-58630-01	AS-58630-01
		BLOWER SHELF TRANSITION	AS-58607-19	AS-58607-19	AS-58607-19
		DIVIDER PANEL	AS-58607-03	AS-58607-03	AS-58607-03
		BULKHEAD ASSEMBLY	AS-58607-57	AS-58607-57	AS-58607-57
		EXHAUST HOOD	AS-58629-01	AS-58629-01	AS-58629-01
		COMBUSTION AIR INLET HOOD	AE-58599-01	AE-58599-01	AE-58599-01
		CORNER POST	AS-58607-46	AS-58607-46	AS-58607-46
		BLOWER ACCESS PANEL	AS-58607-47	AS-58607-47	AS-58607-47
		END PANEL	AS-58607-48	AS-58607-48	AS-58607-48
		SUPPLY COVER - Downflow	AS-58607-06	AS-58607-06	AS-58607-06
		SUPPLY COVER - Side Option "AKA"	AS-58607-35	AS-58607-35	AS-58607-35
		RETURN COVER - Downflow	AS-58607-05	AS-58607-05	AS-58607-05
		RETURN CIVER - Side Option "AKA"	AS-58607-34	AS-58607-34	AS-58607-34
		TOP PANEL	AS-58607-54	AS-58607-54	AS-58607-54
		GRILLE	95-100906-08	95-100906-08	95-100906-08
		FILTER ACCESS PANEL	AS-58607-49	AS-58607-49	AS-58607-49
		CONDENSER LOUVER PANEL	AS-58607-56	AS-58607-56	AS-58607-56
		CENTER POST	AE-58569-07	AE-58569-07	AE-58569-07
		CONTROL ACCESS PANEL	AS-58607-50	AS-58607-50	AS-58607-50
		CONTROL BOX - Less Components	AE-58597-01	AE-58597-01	AE-58597-01
		CONTROL BOX COVER	AE-58598-01	AE-58598-01	AE-58598-01
		FURNACE SHELF	AS-58607-11	AS-58607-11	AS-58607-11
		BURNER FLOOR	AE-58594-01	AE-58594-01	AE-58594-01
		HEAT EXCHANGER TUBE SUPPORT	AE-58590-01	AE-58590-01	AE-58590-01
		EXHAUST TRANSITION	AS-58607-36	AS-58607-36	AS-58607-36

	TGR24C-1K	TGR30C-1K	TGR36C-1K	TGR42C-1K	TGR48C-1K	TGR60C-1K
FAN GROUP						
MOTOR	51-100999-24	51-100999-24	51-100999-24	51-100998-19	51-100998-19	51-100998-19
CAPACITOR-FAN & COMP.	43-26271-44	43-26271-41	43-26261-16	43-26261-37	43-26271-45	43-26271-30
FAN BLADE	70-101323-19	70-101323-19	70-101323-19	70-23594-02	70-23594-02	70-23594-02
BLOWER GROUP						
BLOWER ASSY.	AS-58662-01	AS-58662-05	AS-58662-05	AS-58662-05	AS-58662-06	AS-58662-14
HOUSING	AS-58619-01	AS-58619-02	AS-58619-02	AS-58619-02	AS-58619-02	AS-58619-02
CUT-OFF	AE-64401-10	AE-64401-06	AE-64401-06	AE-64401-06	AE-64401-06	AE-64401-06
MOTOR	51-23608-02	51-23609-04	51-23609-04	51-23609-04	51-23650-01	51-24376-15
ECM MOTOR MODULE	NA	NA	NA	NA	NA	51-24383-95
ECM MOTOR HARNESS	NA	NA	NA	NA	NA	45-24258-13
MOTOR MOUNT. BRACKET	AS-53148-03	AS-53148-04	AS-53148-04	AS-53148-04	AS-53148-04	AS-53148-04
BLOWER	70-20218-01	70-18625-03	70-18625-03	70-18625-03	70-18625-03	70-18625-03
CAPACITOR	43-100496-04	43-100497-12	43-100497-12	43-100497-12	43-100497-45	NA
ELECTRICAL GROUP						
INDUCED DRAFT BLWR MOTOR	70-23641-01	70-23641-01	70-23641-01	70-23641-01	70-23641-01	70-23641-01
IDB MOTOR GASKET	68-23643-01	68-23643-01	68-23643-01	68-23643-01	68-23643-01	68-23643-01
CONTACTOR	42-42728-03	42-42728-03	42-42728-03	42-42728-03	42-42728-03	42-42728-03
PRESSURE SWITCH	42-24335-20	42-24335-20	42-24335-20	42-24335-20	42-24335-20	42-24335-20
INTEGRATED FURNACE CONTROL	62-23599-04	62-23599-04	62-23599-04	62-23599-04	62-23599-04	62-23599-01
TRANSFORMER	46-100836-02	46-100836-02	46-100836-02	46-18788-05	46-18788-05	46-18788-05
COIL GROUP						
CONDENSER COIL	AS-101997-03	AS-101997-03	AS-101993-03	AS-101994-03	AS-101996-01	AS-101997-03
DRAIN TRAP	68-23603-01	68-23603-01	68-23603-01	68-23603-01	68-23603-01	68-23603-01
EVAPORATOR COIL	AS-101680-01	AS-101680-01	AS-101680-01	AS-101680-02	AS-101680-02	AS-101680-01
DRAIN PAN GROMMET	56-23601-01	56-23601-01	56-23601-01	56-23601-01	56-23601-01	56-23601-01
DRAIN PAN	AS-58607-32	AS-58607-32	AS-58607-32	AS-58607-32	AS-58607-32	AS-58607-32
AUX. DRAIN PIPE	AE-58611-01	AE-58611-01	AE-58611-01	AE-58611-01	AE-58611-01	AE-58611-01
DISTRIBUTOR ASSY W/O PISTON	AS-101689-02	AS-101689-02	AS-101689-02	NA	AS-101689-01	AS-101689-01
FLOWCHECK DIST/PISTON ASSY	61-102106-12	61-102106-12	61-102106-14	61-102108-14	61-102108-17	61-102106-12
EXPANSION VALVE	61-21922-113	61-21922-112	61-21922-111	61-21922-75	61-21922-75	61-21922-102
CONDENSATE BARRIER	AE-100544-01	AE-100544-01	AE-100544-01	AE-100544-02	AE-100544-01	AE-100544-01
COMPRESSOR GROUP						
COMPRESSOR	55-100835-07S	55-100835-08S	55-100835-25S	55-100835-15S	55-100835-11S	55-100835-06S
COMPRESSOR HARNESS W/MOLDED PLUG	45-100834-80	45-100834-80	45-100834-80	45-100834-80	45-100834-80	45-100834-80
CAPACITOR (See Fan Group)						
START RELAY	42-25105-01	42-25105-01	42-25105-01	42-25105-01	42-25105-01	42-25105-01
START CAPACITOR	43-17075-04	43-17075-04	43-17075-04	43-17075-04	43-17075-04	43-17075-07

No.	Notes	MODEL	TGR	TGR	TGR	TGR
		HEATING CAPACITY	-40	-60	-80	-1000
HEAT EXCHANGER, BURNER / MANIFOLD						
	Stk	HEAT EXCHANGER - INCLUDES CENTER PANEL & TURBULATORS (STAINLESS STEEL)	AS-58632-05	AS-58632-06	AS-58632-07	AS-58632-08
		COLLECTOR BOX GASKET	68-23644-01	68-23644-01	68-23644-01	68-23644-01
		COLLECTOR BOX	AE-58588-01	AE-58588-01	AE-58588-01	AE-58588-01
	Stk	LIMIT CONTROL (ON BLOWER SHELF)	47-23610-11	47-23610-05 (024)	47-23610-03	47-23610-03 (060)
	Stk	LIMIT CONTROL (ON BLOWER SHELF)	47-23610-11	47-23610-03 (030-048)	47-23610-03	47-23610-01 (030-048)
		RUBBER WATER PROTECT BOOT - LIMIT SWITCH	56-42753-11	56-42753-05	56-42753-03	56-42753-03
		RADIATION SHIELD	AE-58595-01	AE-58595-01	AE-58595-01	AE-58595-01
	Stk	LIMIT CONTROL - MANUAL RESET (ON RADIATION SHIELD)	47-100241-01	47-100241-01	47-100241-01	47-100241-01
	Stk	BURNER TUBE w/SHIELD (QTY)	75-22840-02 (2)	75-22840-02 (3)	75-22840-02 (4)	75-22840-02 (5)
		BURNER SUPPORT BRACKET (2)	AE-61588-01	AE-61588-01	AE-61588-01	AE-61588-01
	Stk	MANIFOLD ASSY	81-101154-01	81-101154-01	81-101154-01	81-101154-01
		SQUARE HEAD PLUG (USED ON MANIFOLD TO PLUG EXTRA HOLES)	81-23593-01 (1)	81-23593-01 (2)	81-23593-01 (1)	N/A
	Stk	BURNER ORIFICE U.S. AND CANADIAN MODELS 0-2000' (QTY)	62-22175-45 (2)	62-22175-45 (3)	62-22175-45 (4)	62-22175-45 (5)
	Stk	FLAME SENSOR	62-23543-02	62-23543-02	62-23543-02	62-23543-02
	Stk	IGNITION ELECTRODE & CABLE ASSEMBLY	62-23556-01	62-23556-01	62-23556-01	62-23556-01
		BURNER SUPPORT - (HOLDS THE BURNERS BETWEEN THE BURNER SUPPORT BRACKETS)	AE-58592-02	AE-58592-02	AE-58592-02	AE-58592-02

No.	Notes	MODEL	TGR	TGR	TGR	TGR
		HEATING CAPACITY	-40	-60	-80	-100
		GAS CONTROLS				
	Stk	GAS VALVE - NATURAL GAS: Gas Code 1R (HW VR8205M1106)	60-22447-07	60-22447-07	60-22447-07	60-22447-07
	Stk	GAS VALVE - NATURAL GAS: Gas Code 1S (WR 36E36-274)	60-23490-03	60-23490-03	60-23490-03	60-23490-03
	Stk	GAS VALVE - NATURAL GAS: Gas Code 1X - (WR 36E37-214)	60-23490-01	60-23490-01	60-23490-01	60-23490-01
	Stk	GAS VALVE - NATURAL GAS: Gas Code 2A - (WR 36E23-202)	60-24290-01	60-24290-01	60-24290-01	60-24290-01
	Stk	GAS VALVE - NATURAL GAS: Gas Code 2G - (HW 8205S2395)	60-100394-02	60-100394-02	60-100394-02	60-100394-02
		Gas Code is first two digits of unit serial number.				

**Design, material, performance data and components
subject to change without notice.**

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THE QUALITY LEADER IN CONDITIONING AIR

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