

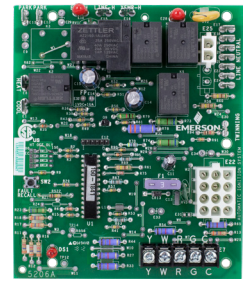
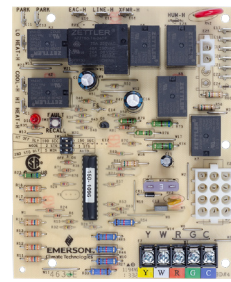
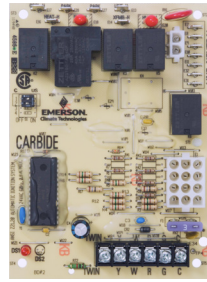
D
OEM Direct

The image shows a green printed circuit board (PCB) for a White-Rodgers furnace. The board is populated with various electronic components, including integrated circuits, capacitors, resistors, and a microcontroller. Key components include a 24VDC power supply, a 14 94V0 capacitor, a 4818-W microcontroller, and a 90B135-7300 relay. The board is labeled with "WHITE-RODGERS" and "90B135-7300 24VDC 500Hz 0.5A MAX.".



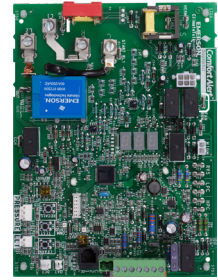
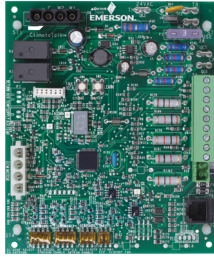
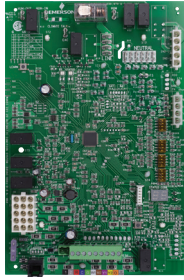
Goodman Integrated Furnace Controls

NEW



Models	50T35-743	50A55-743	50M56-743	50M56-707
Control Type	IFC Direct OEM Replacement Single Stage Systems PSC Blower Motor	IFC Direct OEM Replacement Single Stage Systems PSC Blower Motor	IFC Direct OEM Replacement Single Stage Systems PSC Blower Motor	IFC Direct OEM Replacement Single Stage Systems PSC Blower Motor
Blower Speeds	Heat, Cool	Heat, Cool	Lo Heat, Hi Heat, Cool	Heat, Cool
Key Differentiator	9-pin Main Connector	7s Ignitor Warm-up	2-stage Gas Valve	17s Ignitor Warm-up
Versatility	Replaces 9 Parts	Replaces 10 Parts	Replaces 9 Parts	Replaces 14 Parts
Harness Included	Yes	—	—	—
Diagnostics	System Diagnostic LED	System Diagnostic LED	System Diagnostic LED w/ Fault Recall	System Diagnostic LED w/ Fault Recall, Flame Test Pad
Mounting	Drop-in Replacement	Drop-in Replacement	Drop-in Replacement	Drop-in Replacement
Fuse	On Board	On Board	On Board	On Board
Ignitor Voltage	120V	120V	120V	120V
Dedicated Humidification (Optional)	120V or 24V	120V	120V	120V
Electronic Air Cleaner (Optional)	120V	120V	120V	120V
Heat-on-Delay	30s	30s	30s	30s
Heat-off-Delay	90/120/150s	90/120/150/180s	100/150s	100/150s
Cool-on-Delay	5s	5s	6s	6s
Cool-off-Delay	60s	45s	45s	45s

Goodman ComfortNet™ Communicating Systems



Models	50C51-707	48C21-707
Control Type	IFC Direct OEM Replacement Two-Stage, Variable Speed Blower Motor - Communicating or Legacy 24V Systems	Air Handler Direct OEM Replacement Two- Stage Electric Heat, Variable Speed Blower Motor - Communicating or Legacy 24V Systems
Versatility	Replaces 13 Parts	Replaces 13 Parts
Harness Included	—	—
Diagnostics	7 Segment System Diagnostic LED	7 Segment System Diagnostic LED
Mounting	Drop-in Replacement	Drop-in Replacement
Fuse	On Board	On Board
Ignitor Voltage	120V	—
Dedicated Humidification (Optional)	120V	—
Electronic Air Cleaner (Optional)	120V	—
Heat-on-Delay	30s	0s (electric)
Heat-off-Delay	90/120/150/180s	90s (electric)
Cool-on-Delay	5s (legacy)	5s (legacy)
Cool-off-Delay	45s (legacy)	60s (legacy)

Model	49S25-707
Control Type	AC or Heat Pump Direct OEM Replacement Two-Stage Compressor, PSC or ECM Outdoor Fan Motor - Communicating or Legacy 24V Systems
Versatility	Replaces 11 Parts
Harnesses Included	—
Diagnostics	7 Segment System Diagnostic LED
Mounting	Drop-in Replacement
Fuse	On Board
Compressor Short Cycle Delay	3min
Compressor Minimum Run Time	30s
Field Test Time	5s
RV Shift Delay	0/5/15/30s (comm) 30s (legacy)
Maximum Defrost Cycle Time	10min
Compressor Run Time Until Defrost	30/60/90/120 min
Outdoor Fan On/Off Delay	1s

Cross Reference Information

Control Number	50M56-707	50A55-743	50T35-743	50M56-743	50C51-707	48C21-707	49S25-707
ICM							
ICM280			X				
ICM286		X					
ICM2810	X						
Goodman							
0130F00005		X					
0130F00005S		X					
0130F00006				X			
0130F00006S				X			
B18099-06			X				
B18099-08			X				
B18099-13			X				
B1809913S			X				
PCB00109				X			
PCBBF110		X					
PCBBF110S		X					
PCBBF112		X					
PCBBF122				X			
PCBBF123		X					
PCBBF132S				X			
PCBBF140S	X						
PCBBF140	X						
PCBBF138S	X						
PCBBF138	X						
PCBBF136S	X						

Control Number	50M56-707	50A55-743	50T35-743	50M56-743	50C51-707	48C21-707	49S25-707
PCBBF136	X						
PCBBF135S	X						
PCBBF135	X						
PCBBF134S	X						
PCBBF134	X						
PCBBF162				X			
PCBBF162S				X			
PCBGR102						X	
PCBGR102S						X	
PCBHR103						X	
PCBHR103S						X	
PCBHR104						X	
PCBHR104S						X	
PCBJA101					X		
PCBJA101S					X		
PCBJA102					X		
PCBJA102S					X		
PCBJA103					X		
PCBJA103S					X		
PCBJA104					X		
PCBJA104S					X		
PCBKF101S				X			
PCBKF102				X			
PCBKF102S				X			
PCBKF103				X			
PCBKF105S				X			

Control Number	50M56-707	50A55-743	50T35-743	50M56-743	50C51-707	48C21-707	49S25-707
Trane							
CNT04664			X				
White-Rodgers							
48C21-289						X	
48C21-707						X	
48C21-290-01						X	
48C21-290-02						X	
48C21-290-04						X	
49C25-289-01							X
49J22-289							X
49J22-289-02							X
49K25-289-01							X
49S25-707							X
50A55-289		X					
50A55-743		X					
50C51-289-01					X		
50C51-289-02					X		
50C51-289-90					X		
50C51-290					X		
50C51-290-01					X		
50C51-290-02					X		
50C51-290-03					X		
50C51-707					X		
50M56-289				X			
50M56-290				X			
50M56-707	X						
50M56-743				X			
50T55-289		X					
50M56-291	X						
50M56-281	X						
50T35-730			X				
50T35-730-1			X				
50T35-743			X				

THE WHITE-RODGERS MOBILE APP:

Answers at your fingertips, with your smartphone or tablet.

- ✓ Latest cross reference
- ✓ Installation instructions
- ✓ Spec sheets
- ✓ Product selection

