



# TECH TIP #55

## HONEYWELL 7800 LEGACY TO ENHANCED CHART

### What Legacy Devices Can I Replace with the Enhanced Family?

	RM7890 A1056	RM7890 B1048	RM7897 A1002	RM7897 C1000	RM7898 A1000	RM7898 A1018	RM7840 G1022	RM7840 L1075	RM7800 L1087
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
RM7890A1015	X	X							
RM7890A1056		X							
RM7890B1014		X							
RM7895A1014			X		X				
RM7895A1048						X			
RM7895C1012			X	X	X				
RM7895C1020						X			
RM7896A1012			X		X				
RM7896C1010			X	X	X				
RM7897A1002					X				
RM7897C1000					X				
RM7840G1014							X		
RM7840L1018								X	X
RM7800L1012								X	X
RM7800G1018							X		

- (1) The RM7890A1056 has an input for Pre Ignition Interlock  
- Jumper Terminals 3-20 or install Pre Ignition Interlock and Jumper Terminals 6-7
- (2) The RM7890B1048 has an input for Pre Ignition Interlock and output for Shutter Drive  
- Jumper Terminals 3-20 or install Pre Ignition Interlock and Jumper Terminals 6-7
- (3) The RM7897A1002 has an input for Pre Ignition Interlock  
- Jumper Terminals 5-20 or install Pre Ignition Interlock
  - (a) RM7895A1014
  - (b) RM7895C1012 – If the Delayed Main Valve terminal is not used
  - (c) RM7896A1012 – Post Purge must be programmed using the S7800A1142 Display
  - (d) RM7896C1010 – If the Delayed Main Valve terminal is not used. Post Purge must be programmed using the S7800A1142 Display
- (4) The RM7897C1000 has an input for Pre Ignition Interlock  
- Jumper Terminals 5-20 or install Pre Ignition Interlock
  - (a) RM7895C1012
  - (b) RM7896C1010 – Post Purge must be programmed using the S7800A1142 Display
- (5) The RM7898A1000 has an input for Pre Ignition Interlock  
- Jumper Terminals 5-20 or install Pre Ignition Interlock
  - (a) RM7895A1014 – Jumper L1 power(T5) to T19 (for Intermittent Pilot function on T8)
  - (b) RM7895C1012 – If the Delayed Main Valve terminal is not used
  - (c) RM7896A1012 – 15 sec Post Purge must be programmed using the S7800A1142 Display + Jumper L1 (T5) power to T19 (for Intermittent Pilot function on T8)
  - (d) RM7896C1010 – If the Delayed Main Valve terminal is not used. Post Purge must be programmed using the S7800A1142 Display
  - (e) RM7897A1002 – If Intermittent Pilot, Jumper Terminals 5-19. If Interrupted Pilot, Move RM7897 Terminal 21 to RM7898 Terminal 8. Program desired Post Purge using the S7800A1142 Display.
  - (f) RM7897C1000 – If the Delayed Main Valve terminal is not used. If Intermittent Pilot, Jumper Terminals 5-19. If Interrupted Pilot, Move RM7897 Terminal 21 to RM7898 Terminal 8. Program desired Post Purge using the S7800A1142 Display.
- (6) The RM7898A1018 has an input for Pre Ignition Interlock  
- Jumper Terminals 5-20 or install Pre Ignition Interlock
  - (a) RM7895A1048 – Jumper L1 (T5) power to T19 (for Intermittent Pilot function on T8)
  - (b) RM7895C1020 – If the Delayed Main Valve terminal is not used.
- (7) The RM7840G1022
  - (a) RM7840G1014 – The G1022 does not have the Dynamic Airflow Switch/Start-Up Interlock Check (JR3)
  - (b) RM7800G1018 – Add S7800A1001 Display or add S7800A1142 Display if VPS will be used or if Post Purge must be changed from default of 15 seconds.
- (8) The RM7840L1075
  - (a) RM7840L1018 – Can be used with no additional changes
  - (b) RM7800L1012 – Add S7800A1001 Display or add S7800A1142 Display if VPS will be used or if Post Purge must be changed from default of 15 seconds.
- (9) The RM7800L1087
  - (a) RM7840L1018 – RM7800 comes with S7800A1142 Display included
  - (b) RM7800L1012 – Can be used with no additional changes.