

Technical Document

BurnerLogix Replacement Options for Honeywell 7800



Honeywell Control	Honeywell Amplifier	Fireeye Chassis	Fireeye Programmer (choose one)	Fireeye Wiring Base (choose one)	Fireeye Display (choose one if needed)	Fireeye Scanners (choose one)
RM7800E RM7800G RM7800L ¹ RM7840E RM7840G RM7840L ¹ RM7845A	R7847A R7847B	YB110FR	YP100 ² (4s FFRT) YP102 ² (2s FFRT) YP138 ²	60-2810-1 60-2812-1 60-2814-1	BLV512 (VFD) BLL510 (LCD)	Use existing flame rod
	R7848A R7848B R7852A R7852B	YB110IR	YP100 ² (4s FFRT) YP102 ² (2s FFRT) YP138 ²	60-2810-1 60-2812-1 60-2814-1	BLV512 (VFD) BLL510 (LCD)	48PT2-10xx 48PT2-90xx
	R7849A R7849B R7851B	YB110UV	YP100 ² (4s FFRT) YP102 ² (2s FFRT) YP138 ²	60-2810-1 60-2812-1 60-2814-1	BLV512 (VFD) BLL510 (LCD)	UV1Axx UV8A or UV8Axx UV2 or UV2Ax 45UV3-xxxx UV90-x
	R7824C R7847C R7851C R7861A R7886A	YB110UVSC	YP100 ² (4s FFRT) YP102 ² (2s FFRT) YP138 ²	60-2810-1 60-2812-1 60-2814-1	BLV512 (VFD) BLL510 (LCD)	45UV5-xxxx 55UV5-xxxx

¹ Valve proving is not supported with the BurnerLogix.

² Purge timings, pilot type (interrupted or intermittent), recycle/non-recycle, damper proving and other options must be set using one of the displays shown.

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Honeywell Control	Honeywell Amplifier	Fireye Chassis	Fireye Programmer (choose one)	Fireye Wiring Base (choose one)	Fireye Display (choose one if needed)	Fireye Scanners (choose one)
RM7800G RM7840G	R7847A R7847B	YB110FR	YP200 ¹ (4s FFRT) YP202 ¹ (2s FFRT)	60-2810-1 60-2812-1 60-2814-1	BLV512 (VFD) BLL510 (LCD)	Use existing flame rod
	R7848A R7848B R7852A R7852B	YB110IR	YP200 ¹ (4s FFRT) YP202 ¹ (2s FFRT)	60-2810-1 60-2812-1 60-2814-1	BLV512 (VFD) BLL510 (LCD)	48PT2-10xx 48PT2-90xx
	R7849A R7849B R7851B	YB110UV	YP200 ¹ (4s FFRT) YP202 ¹ (2s FFRT)	60-2810-1 60-2812-1 60-2814-1	BLV512 (VFD) BLL510 (LCD)	UV1Axx UV8A or UV8Axx UV2 or UV2Ax 45UV3-xxxx UV90-x
	R7824C R7847C R7851C R7861A R7886A	YB110UVSC	YP200 ¹ (4s FFRT) YP202 ¹ (2s FFRT)	60-2810-1 60-2812-1 60-2814-1	BLV512 (VFD) BLL510 (LCD)	45UV5-xxxx 55UV5-xxxx

¹ Purge timings, pilot type (interrupted or intermittent), recycle/non-recycle, damper proving and other options must be set using one of the displays shown.



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Honeywell Control	Honeywell Amplifier	Fireye Chassis	Fireye Programmer (choose one)	Fireye Wiring Base (choose one)	Fireye Display (choose one if needed)	Fireye Scanners (choose one)
RM7800M RM7830A RM7840M RM7890A RM7890B RM7895A RM7895B RM7895C ¹ RM7895D ¹ RM7896A RM7896B RM7896C ¹ RM7896D ¹ RM7897A RM7897C	R7847A R7847B	YB110FR	YP300 ² (4s FFRT) YP302 ² (2s FFRT)	60-2810-1 60-2812-1 60-2814-1	BLV512 (VFD) BLL510 (LCD)	Use existing flame rod
	R7848A R7848B R7852A R7852B	YB110IR	YP300 ² (4s FFRT) YP302 ² (2s FFRT)	60-2810-1 60-2812-1 60-2814-1	BLV512 (VFD) BLL510 (LCD)	48PT2-10xx 48PT2-90xx
	R7849A R7849B R7851B	YB110UV	YP300 ² (4s FFRT) YP302 ² (2s FFRT)	60-2810-1 60-2812-1 60-2814-1	BLV512 (VFD) BLL510 (LCD)	UV1Axx UV8A or UV8Axx UV2 or UV2Ax 45UV3-xxxx UV90-x
	R7824C R7847C R7851C R7861A R7886A	YB110UVSC	YP300 ² (4s FFRT) YP302 ² (2s FFRT)	60-2810-1 60-2812-1 60-2814-1	BLV512 (VFD) BLL510 (LCD)	45UV5-xxxx 55UV5-xxxx

¹ Valve proving is not supported with the BurnerLogix.

² Purge timings, pilot type (interrupted or intermittent), recycle/non-recycle, damper proving and other options must be set using one of the displays shown.



For more information, please [contact](#) your local OEM or Fireye Distributor.

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