

**Refrigerator Minimized State Transition Table**

	<b>Open fridge door</b>	<b>Close fridge door</b>	<b>Open freezer door</b>	<b>Close freezer door</b>	<b>Set room temp</b>	<b>Set fridge temp</b>	<b>Set freezer temp</b>
<b>Fridge door open; Freezer door open</b>	Fridge door open; Freezer door open	Fridge door closed; Freezer door open	Fridge door open; Freezer door open	Fridge door open; Freezer door closed	Fridge door open; Freezer door open	Fridge door open; Freezer door open	Fridge door open; Freezer door open
<b>Fridge door closed; Freezer door open</b>	Fridge door open; Freezer door open	Fridge door closed; Freezer door open	Fridge door closed; Freezer door open	Fridge door closed; Freezer door closed	Fridge door closed; Freezer door open	Fridge door closed; Freezer door open	Fridge door closed; Freezer door open
<b>Fridge door open; Freezer door closed</b>	Fridge door open; Freezer door closed	Fridge door closed; Freezer door closed	Fridge door open; Freezer door open	Fridge door open; Freezer door closed	Fridge door open; Freezer door closed	Fridge door open; Freezer door closed	Fridge door open; Freezer door closed
<b>Fridge door closed; Freezer door closed</b>	Fridge door open; Freezer door closed	Fridge door closed; Freezer door closed	Fridge door closed; Freezer door open	Fridge door closed; Freezer door closed	Fridge door closed; Freezer door closed	Fridge door closed; Freezer door closed	Fridge door closed; Freezer door closed