

Helium Purifier Operation

Purifier Operating Modes - Valves Opened and Closed

<u>Mode</u>	<u>Name of the Operating Mode</u>	<u>Mode Details</u>	<u>OPEN Valves</u>	<u>CLOSED Valves</u>
11	System Cool Down	to Purge Temp	1	2,3,4,5,6,7
21	System Cool Down	to Purify Temp	1,5	2,3,4,6,7
31	Transition to Steady State Purification	Purge	1,5,7	2,3,4,6
31	Transition to Steady State Purification	Sensor Start	1,5	2,3,4,6,7
35	Transition to Steady State Purification	Purge Only	1,5,7	2,3,4,6
41	Steady State Purification	Helium to Liquefier	1,5,6	2,3,4,7
42	Low Inlet Pressure During SS Purify	Tanks < 15 psi	1	2,3,4,5,6,7
43	De-Plug Mode High Pressure Differential During SS Purify		1,5,6	2,3,4,7
51	Warm-Up for Trap Regeneration	Both Heaters ON	---	1,2,3,4,5,6,7
71	Pump Cold Trap	Pump Trap	2,3	1,4,5,6,7
71	Pump Cold Trap	Refill Trap	1	2,3,4,5,6,7

Purifier Controller

