SIGMA Spectrum and **Spectrum IQ** Infusion System

Compatible Baxter IV Sets

(For use with **SIGMA Spectrum** and **Spectrum IQ** Infusion Pumps that have been calibrated for Baxter IV set tubing).

NOTE: The superscript numbers referenced in the Compatible IV Set List correspond with the numbers listed in the associated warning. For the in-country availability columns the "Y" designates Yes and the "N" designates No.

All sets must include a Blue Slide Clamp on the section of the set to be placed into the Pump.

No.	Brief Description	Availability	
		US	Canada
Primary Set Macro (10 drops/mL)			
1C8109s	Solution Set, 101" (2.6 m), Male Luer Lock Adapter [7]	Y	Y
1C8160s	Solution Set, 69" (1.8 m), Male Luer Lock Adapter [7]	Y	Y
1C8296s	Solution Set, 125" (3.2 m), Male Luer Lock Adapter [7]	Y	Y
1C8507s	Solution Set with DUO-VENT Spike, 109" (2.8 m), Male Luer Lock Adapter [6][7]	Y	N
1C8727s	CLEARLINK System, CONTINU-FLO Solution Set, 113" (2.9 m), 3 Luer Activated Valves, Male Luer Lock Adapter with Retractable Collar [1,2,7]	Y	N
2C6254s	CLEARLINK System, CONTINU-FLO Solution Set, 88" (2.2 m), 2 Luer Activated Valves, Male Luer Lock Adapter with Retractable Collar. Large Bore Stopcock Manifold Extension Set, 35" (88 cm), Vol. 5.6 mL, Luer Activated Valve, Male Luer Lock Adapter with Retractable Collar [1,2,3,7,8]	Y	N
2C6255s	CLEARLINK System, CONTINU-FLO Solution Set, 89" (2.3 m), 2 Luer Activated Valves, Male Luer Lock Adapter, Large Bore 4-Way Stopcock Extension Set, 34" (86 cm), Vol. 5.4 mL, 2 Luer Activated Valves, Male Luer Lock Adapter [1,2,3,7]	Y	N
2C6256s	CLEARLINK System, CONTINU-FLO Solution Set, 88" (2.2 m), 2 Luer Activated Valves, Male Luer Lock Adapter with Retractable Collar, Large Bore 4-way Stopcock Manifold. Extension Set, 36" (92 cm), Vol. 6.1 mL, Luer Activated Valve, Male Luer Lock Adapter with Retractable Collar [1,2,3,7,8]	Y	N
2C6401s	INTERLINK System, Solution Set, Injection Site, Lever Lock Cannula, Luer Lock Adapter, 76" (1.9 m) [7]	Y	Y
2C6419s	INTERLINK System, Solution Set with DUO-VENT Spike, 92" (2.3 m), Injection Site, Male Luer Lock Adapter [6,7]	Y	Y
2C6511s	INTERLINK System, CONTINU-FLO Solution Set, 89" (2.3 m), 2 Injection Sites, Male Luer Lock Adapter with Retractable Collar. Large Bore Stopcock Manifold Extension Set, 35" (90 cm), Vol. 5.5mL. Injection Site, Male Luer Lock Adapter with Retractable Collar. [1,2,3,7,8]	Y	N
2C6541s	INTERLINK System, CONTINU-FLO Solution Set with DUO-VENT Spike, 106" (2.7 m), 3 Injection Sites, Male Luer Lock Adapter [1,2,3,6,7]	Y	Y
2C8401s	CLEARLINK System, Solution Set, 76" (1.9 m), Luer Activated Valve, Male Luer Lock [7]	Y	Y
2C8419s	CLEARLINK System, Solution Set with DUO-VENT Spike, 92" (2.3 m), Luer Activated Valve, Male Luer Lock Adapter [6,7]	Y	Y
2C6519s	INTERLINK System, CONTINU-FLO Solution Set, 89" (2.2 m), 2 Injection Sites, Male Luer Lock Adapter with Retractable Collar [1,2,7]	Y	Y
2C6537s	INTERLINK System, CONTINU-FLO Solution Set, 110" (2.8 m), 3 Injection Sites, Male Luer Lock Adapter [1,2,7]	Y	Y
2C6931s	INTERLINK System, CONTINU-FLO Solution Set, Length 89" (2.3 m), 2 Injection Sites, Male Luer Lock Adapter, 3-Port Manifold with Check Valves Vol. 1.0 mL, Large Bore 4-Way Stopcock Extension Set Vol. 6.2 mL, Length 41" (104 cm), 2 Injection Sites, Male Luer Lock Adapter [1,2,3,7,8]	Y	Y
2C8515s	CLEARLINK System, CONTINU-FLO Solution Set, 106" (2.7 m), Luer Activated Valve, Male Luer Lock Adaptor with Retractable Collar [1,2,7]	Y	Y
2C8519s	CLEARLINK System, CONTINU-FLO Solution Set, 112" (2.8 m), 2 Luer Activated Valves, Male Luer Lock Adaptor [1,2,7]	Y	Y

The superscript numbers referenced in the Compatible IV Set List correspond with the numbers listed in the associated warning

No.	Brief Description	US	Canada
2C8537s	CLEARLINK System, CONTINU-FLO Solution Set, 109" (2.8 m), 3 Luer Activated Valves, Male Luer Lock Adapter with Retractable Collar [1,2,7]	Y	Y
2C8541s	CLEARLINK System, CONTINU-FLO Solution Set with DUO-VENT Spike, 105" (2.7 m), 3 Luer Activated Valves, male Luer Lock Adapter with Retractable Collar [1,2,3,6,7]	Y	Y
2C8931s	CLEARLINK System, CONTINU-FLO Solution Set, Length 88" (2.2 m), 2 Luer Activated Valves, Male Luer Lock Adapter, 3-Port Manifold with Check Valves Vol. 1.0 mL, Large Bore 4-Way Stopcock Extension Set with Rotating Male Luer Lock, Vol. 6.2 mL, Length 40" (101 cm), 2 Luer Activated Valves, Male Luer Lock Adapter with Retractable Collar [1,2,3,7,8]	Y	N
3C0062s	INTERLINK System, CONTINU-FLO Solution Set, 89" (2.3 m), 2 Injection Sites, Male Luer Lock Adapter, Large Bore 4-way Stopcock Extension Set, 34" (89 cm), Vol. 5.4 mL, 2 Injection Sites, Male Luer Lock Adapter [1,2,3,7]	Y	Y
3C0091s	INTERLINK System, CONTINU-FLO Solution Set, 76" (1.9 m), 2 Injection Sites, Male Luer Lock Adapter. Stopcock Extension Set, 30" (77 cm), Vol. 4.4 mL, Large Bore Stopcock with Rotating Male Luer Lock. Extension Set, 10" (26 cm), Vol. 1.5mL, Injection Site, Male Luer Lock Adapter with Retractable Collar. [1,2,3,7]	Y	N
3C0105s	INTERLINK System, CONTINU-FLO Solution Set, 85" (2.2 m), 2 Injection Sites, Male Luer Lock Adapter, Large Bore Stopcock with Rotating Male Luer Lock Extension Set, 39" (99 cm), Vol. 5.6 mL, Injection Site, Male Luer Lock Adapter with Retractable Collar. Extension Set, 7.5" (18.9 cm), Vol. 1.0 mL, Male Luer Lock Adapter with Retractable Collar [1,2,7]	Y	N
3C0134s	CLEARLINK System, CONTINU-FLO Solution Set, 88" (2.2 m), 2 Luer Lock Adapter with Retractable Collar, Large Bore 4-way Stopcock Manifold Extension Set, 32" (81 cm), 4.6 mL, Luer Activated Valve, Male Luer Lock Adapter with Retractable Collar [1,2,3,7,8]	Y	N
3C0162s	CLEARLINK System, CONTINU-FLO Solution Set, 88" (2.2 m), 2 Luer Activated Valves, Male Luer Lock Adapter. Large Bore Stopcock Manifold Extension Set, 34" (87 cm), Vol. 5.5 mL, Luer Activated Valve, Male Luer Lock Adapter. Extension Set, 7.5" (19 cm), Vol. 1.0 mL, Male Luer Lock Adapter with Retractable Collar. [1,2,3,7,8]	Y	N
ACT5435	Solution Set with DUO-VENT Spike, 104" (2.6 m), Injection Site Male Luer Lock Adapter with Retractable Collar [6,7]	Y	N
ACT5439	Solution Set with DUO-VENT Spike, 105" (2.7 m), 2 Injection Sites, Male Luer Lock Adapter with Retractable Collar [3,6,7]	Y	N
ACT8419s	CLEARLINK System, Solution Set with DUO-VENT Spike, 104" (2.6 m), Luer Activated Valve, Male Luer Lock Adapter with Retractable Collar. [6,7]	Y	N
JC8386	CLEARLINK System, CONTINU-FLO Solution Set, 107" (2.7 m), 3 Luer Activated Valves, Male Luer Lock Adaptor with Retractable Collar [1,2,7]	N	Y
Primary Set Minidrip (60 drops/mL)			
2C6402s	INTERLINK System, Solution Set, 76" (1.9 m), Injection Site, Lever Lock Cannula Male Luer Lock Adapter [4,7]	Y	Y
2C6424s	INTERLINK System, Solution Set, 92" (2.3 m), 2 Injection Sites, Male Luer Lock Adapter [4,7]	Y	Y
2C8402s	CLEARLINK System, Solution Set, 76" (1.9 m), Luer Activated Valve, Male Luer Lock Adapter [4,7]	Y	Y
2C6546s	INTERLINK System, CONTINU-FLO Solution Set, 105" (2.7 m) 3 Injection Sites, Male Luer Lock Adapter with Retractable Collar [2,3,4,7]	Y	Y
2C8546s	CLEARLINK System, CONTINU-FLO Solution Set, 105" (2.7 m), 3 Luer Activated Valves, Male Luer Lock Adapter with Retractable Collar [2,3,4,7]	Y	Y
2C8548s	CLEARLINK System, Vented CONTINU-FLO Solution Set, 104" (2.6 m), 2 Luer Activated Valves, Male Luer Lock Adapter with Retractable Collar [2,4,7]	Y	Y
2C8554s	Solution Set, 109" (2.8m), Male Luer Lock Adapter with Retractable Collar [4,7]	Y	Y
ACT5432	Solution Set, 68" (1.7 m), Injection Site, Male Luer Lock Adapter with Retractable Collar. [4,7]	Y	N
Primary Filter Set Macro (10 or 20 drops/mL)			
1W5000s	INTERLINK System - Solution Set (20 drops/mL), Injection Site, 15 Micron Disc Filter, Male Luer Lock Adapter, 100" (2.5 m) long [5,7]	Y	Y
1W5014s	Solution Set (20 drops/mL), 15 Micron Disc Filter, Male Luer Lock Adapter, 93" (2.4 m) [5,7]	Y	N
1W5018s	Solution Set (20 drops/mL), 15 Micron Disc Filter, Male Luer Lock Adapter, 93" (2.4 m) [5,7]	Y	N
1W5019s	Solution Set (20 drops/mL), 15 Micron Disc Filter, Male Luer Lock Adapter, 93" (2.4 m) long [5,7]	Y	N
2C6571s	INTERLINK System, CONTINU-FLO Solution Set (10 drops/mL), 105" (2.7 m), 0.2 Micron High Pressure, Extended Life Filter, 2 Injection Sites, Male Luer Lock Adapter with Retractable Collar [1,2,5,7]	Y	Y

The superscript numbers referenced in the Compatible IV Set List correspond with the numbers listed in the associated warning

No.	Brief Description	Availability US	Canada
2C8571	CLEARLINK System, CONTINU-FLO Solution Set (10 drops/mL), 104" (2.6 m), 0.2 Micron High Pressure Extended Life Filter, 2 Luer Activated Valves, Male Luer Lock Adapter with Retractable Collar [1,2,5,7]	Y	Y
Primary Filter Set Minidrip (60 drops/mL)			
2C6572	INTERLINK System, CONTINU-FLO Solution Set, 105" (2.7 m), 0.2 Micron High Pressure Extended Life Filter, 2 Injection Sites, Male Luer Lock Adapter [2,4,5,7]	Y	Y

No.	Brief Description	Availability US	Canada
Buretrol Minidrip (60 drops/mL)			
2C7562s	INTERLINK System BURETROL Solution Set, 115" (2.9 m)150 mL Valveless Burette, 4 Injection Sites, Male Luer Lock Adapter with Retractable Collar [3,4,6,7,11]	Y	Y
2C7564	INTERLINK System, BURETROL Solution Set, 105" (2.7 m) 150 mL Burette, Drip Chamber Filter Valve, 3 Injection Sites, Male Luer Lock Adapter with Retractable Collar [3,4,5,6,7,11]	Y	N
2C8862	CLEARLINK System, BURETROL Solution Set, 115" (2.9 m), 150 mL Valveless Burette, 4 Luer Activated Valves, Male Luer Lock Adapter with Retractable Collar [3,4,6,7,11]	Y	Y
2C8864	CLEARLINK System, BURETROL Solution Set, 105" (2.7 m), 150 mL Burette, Drip Chamber Filter Valve, 3 Luer Activated Valves, Male Luer Lock Adapter with Retractable Collar [3,4,5,6,7,11]	Y	Y
Y-Type and Straight Type Blood Set (10 drops/mL)			
1C8372s	INTERLINK SYSTEM, Y-Type Blood/Solution Set with Standard Blood Filter, 112" (2.9 m), 170 to 260 Micron Filter, 2 Injection Sites, Male Luer Lock Adapter [5,7,12]	Y	N
1C8732s	Y-Type Blood/Solution Set with Standard Blood Filter, 90" (2.3 m), 170 to 260 Micron Filter, Male Luer Lock Adapter with Retractable Collar [5,7,12]	Y	N
2C6750Hs	INTERLINK System, Y-Type Blood /Solution Set, 115" (2.9 m), Standard Blood Filter, 170 to 260 Micron Filter, Injection Site, Male Luer Lock Adapter [5,7,12]	Y	Y
2C8750s	CLEARLINK SYSTEM, Y-Type Blood/Solution Set with Standard Blood Filter, 112" (2.8 m), 170 to 260 Micron Filter, Luer Activated Valve, Male Luer Lock Adapter [5,7,12]	Y	Y
2C8751s	CLEARLINK System, Straight Type Blood/Solution Set with Standard Blood Filter, 103" (2.6 m), 170 to 260 Micron Filter, Luer Activated Valve, Male Lock Adapter with Retractable Collar [5,7,12]	Y	N
JC7751	Y-Type Blood/Solution Set with Standard Blood Filter, 98" (2.5 m), 170 to 260 Micron Filter, Male Luer Lock Adapter [5,7,12]	N	Y
JC7790	Straight Type Blood/Solution Set with Standard Blood Filter, 88" (2.2 m), 170 to 260 Micron Filter, Male Luer Lock Adapter [5,7,12]	N	Y

The superscript numbers referenced in the Compatible IV Set List correspond with the numbers listed in the associated warning

No.	Brief Description – '2H' and '2C' Non-DEHP Sets	Availability	
		US	Canada
Primary Set Macro (10 drops/mL)			
2H8401	CLEARLINK System Non-DEHP Solution Set, 76" (1.9 m), Luer Activated Valve, Male Luer Lock Adapter with Retractable Collar [7,9]	Y	Y
2H8519	CLEARLINK System, Non-DEHP CONTINU-FLO Solution Set, 96" (2.4 m), 2 Luer Activated Valves, Male Luer Lock Adapter with Retractable Collar [7,9]	Y	Y
2H6519	INTERLINK System, Non-DEHP CONTINU-FLO Solution Set, 105" (2.7m), 2 Injection Sites, Male Luer Lock Adapter with Retractable Collar [7,9]	Y	Y
2H8537	CLEARLINK System, Non-DEHP CONTINU-FLO Solution Set, 109" (2.8 m), 3 Luer Activated Valves, Male Luer Lock Adapter with Retractable Collar [7,9]	Y	Y
2H8454	CLEARLINK System, Non-DEHP CONTINU-FLO Solution Set, 68" (1.7 m), 2 Luer Activated Valves, Male Luer Lock Adapter with Retractable Collar, Non-DEHP Large Bore 4-Way Stopcock Extension Set, 59" (1.5 m), Volume 8.7 mL, Large Bore 4-Way Stopcock manifold, Luer Activated Valve, Male Luer Lock Adapter with Retractable collar [3,7,8,9]	Y	N
Primary Set Minidrip (60 drops/mL)			
2H8546	CLEARLINK System, Non-DEHP CONTINU-FLO Solution Set, 105" (2.7 m), 3 Luer Activated Valves, Male Luer Lock Adapter with Retractable Collar [3,4,7,9]	Y	Y
Primary Filter Set Macro (10 drops/mL)			
2H6480	INTERLINK System, Non-DEHP Solution Set with DUO-VENT Spike, 102" (2.6 m), 0.2 Micron Downstream Filter, Injection Site, Male Luer Lock Adapter with Retractable Collar [3,5,6,7,9]	Y	N
2H8480	CLEARLINK System, Non-DEHP Solution Set with DUO-VENT Spike, 102" (2.6 m), 0.22 Micron High Pressure Extended Life Filter, Luer Activated Valve, Male Luer Lock Adapter [3,5,6,7,9]	Y	Y
2H8486	CLEARLINK System, Non-DEHP Solution Set, 108" (2.7 m), 1.2 Micron Downstream Filter, Luer Activated Valve, Male Luer Lock Adaptor [3,5,7,9]	Y	Y
Buretrol Minidrip (60 drops/mL)			
2H7562	INTERLINK System, Non-DEHP BURETROL Solution Set, 116" (2.9 m), 150 mL Valveless Burette, 4 Injection Sites, Male Luer Lock Adapter with Retractable Collar [3,4,6,7,9,11]	Y	N
2H8864	CLEARLINK System, Non-DEHP BURETROL Solution Set, 105" (2.7 m), 150 mL Burette, Drip Chamber Filter Valve, 3 Luer Activated Valves, Male Luer Lock Adapter with Retractable Collar [3,4,5,6,7,9,11]	Y	Y
IV Fat Emulsion Administration Set (10 or 60 drops/mL)			
2C1145	Non-DEHP IV Fat Emulsion Administration Set, 10 drop/mL, 86" (2.2 m) [7,9]	Y	Y
2C1146	Non-DEHP IV Fat Emulsion Administration Set, 60 drop/mL, 86" (2.2 m) [4,7,9]	Y	Y

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Document Number: DOC 11182 Revision AF   Page **4** of **10**

No.	Brief Description – '2R' Non-DEHP Sets	Availability	
		US	Canada
Primary Set Macro (10 drops/mL)			
2R8401	CLEARLINK System Non-DEHP Solution Set, 76" (1.9 m), Luer Activated Valve, Male Luer Lock Adapter with Retractable Collar [7, 10]	Y	Y
2R8403	CLEARLINK System Non-DEHP Solution Set with DUO-VENT Spike, 42" (1.1m), Luer Activated Valve, Male Luer Lock Adapter with Retractable Collar [6,10]	Y	N
2R8519	CLEARLINK System, Non-DEHP CONTINU-FLO Solution Set, 96" (2.4 m), 2 Luer Activated Valves, Male Luer Lock Adapter with Retractable Collar [2,10]	Y	Y
2R8537	CLEARLINK System, Non-DEHP CONTINU-FLO Solution Set, 109" (2.8 m), 3 Luer Activated Valves, Male Luer Lock Adapter with Retractable Collar [2,,10]	Y	Y
2R8454	CLEARLINK System, Non-DEHP CONTINU-FLO Solution Set, 68" (1.7 m), 2 Luer Activated Valves, Male Luer Lock Adapter with Retractable Collar, Non-DEHP Large Bore 4-Way Stopcock Extension Set, 59" (1.5 m), Volume 8.7 mL, Large Bore 4-Way Stopcock manifold, Luer Activated Valve, Male Luer Lock Adapter with Retractable collar [2, 3,10]	Y	Y
Primary Set Minidrip (60 drops/mL)			
2R8546	CLEARLINK System, Non-DEHP CONTINU-FLO Solution Set, 105" (2.7 m), 3 Luer Activated Valves, Male Luer Lock Adapter with Retractable Collar [3,4,10]	Y	Y
Primary Filter Set Macro (10 drops/mL)			
2R8480	CLEARLINK System, Non-DEHP Solution Set with DUO-VENT Spike, 102" (2.6 m), 0.22 Micron High Pressure Extended Life Filter, Luer Activated Valve, Male Luer Lock Adapter [3,5,6,10]	Y	Y
2R8486	CLEARLINK System, Non-DEHP Solution Set, 108" (2.7 m), 1.2 Micron Downstream Filter, Luer Activated Valve, Male Luer Lock Adaptor [3,5,10]	Y	Y
Paclitaxel Set (10drop/mL)			
2R8858	CLEARLINK System, Paclitaxel Set, 107" (2.7 m), Polyethylene Lined Tubing, Non-DEHP Pump Segment, 0.2 Micron Downstream High Pressure Filter, Luer Activated Valve, Male Luer Lock Adapter [5,7,10]	Y	Y
Other Polyethylene Lined Set (10 drop/mL)			
2R8875	CLEARLINK System, Solution Set with DUO-VENT Spike, 103" (2.6 m), Polyethylene Lined Tubing, Non-DEHP Pump Segment, Luer Activated Valve, Male Luer Lock Adaptor [6,10]	Y	Y
Buretrol Minidrip (60 drops/mL)			
2R8864	CLEARLINK System, Non-DEHP BURETROL Solution Set, 105" (2.7 m), 150 mL Burette, Drip Chamber Filter Valve, 3 Luer Activated Valves, Male Luer Lock Adapter with Retractable Collar [3,4,5,6,7,10,11]	Y	Y

No.	Brief Description - Specialty Use Sets	Availability	
		US	Canada
Paclitaxel Set (10drop/mL)			
2C7558	INTERLINK System, Paclitaxel Set, 108" (2.7 m), Polyethylene Lined Tubing, Non-DEHP Pump Segment, 0.2 Micron Filter Injection Site, Male Luer Lock Adapter [5,7,9,15]	Y	N
2C8858	CLEARLINK System, Paclitaxel Set, 107" (2.7 m), Polyethylene Lined Tubing, Non-DEHP Pump Segment, 0.2 Micron Downstream High Pressure Filter, Luer Activated Valve, Male Luer Lock Adapter [5,7,9,15]	Y	Y
Other Polyethylene Lined Set (10 drop/mL)			
2C8875	CLEARLINK System, Solution Set with DUO-VENT Spike, 103" (2.6 m), Polyethylene Lined Tubing, Non-DEHP Pump Segment, Luer Activated Valve, Male Luer Lock Adaptor [6,7,9,16]	Y	Y
Nitroglycerin Set (10 drop/mL)			
1C8043	Nitroglycerin Set with DUO-VENT Spike, 133" (3.4 m), PVC Tubing Segment, Male Luer Lock Adapter with Retractable Collar [6,14]	Y	N
Nitroglycerin Set (60 drop/mL)			
2C7551	INTERLINK System, Nitroglycerin Set with DUO-VENT Spike, 103" (2.6 m), PVC Tubing Segment, Injection Site, Male Luer Lock Adapter [4,6,14]	Y	Y
2C8851	CLEARLINK System, Nitroglycerin Set with DUO-VENT Spike, 103" (2.6 m), PVC Tubing Segment, Luer Activated Valve, Male Luer Lock Adapter [4,6,14]	Y	Y

The superscript numbers referenced in the Compatible IV Set List correspond with the numbers listed in the associated warning

Epidural Set (60 drop/mL)			
2C7554s	Solution Set, 109" (2.8 m) Male Luer Lock Adapter with Retractable Collar. For Epidural Use [17]	Y	Y
2E7554	Solution Set 108" (2.8 m) Male Epidural Non-Luer Lock Adapter For Epidural Use[17]	Y	N

The superscript numbers referenced in the Compatible IV Set List correspond with the numbers listed in the associated warning

No.	Brief Description – Specialty Use UC8519	Availability	
		US	Canada
Primary Set Macro (10 drops/mL)			
UC8519	CLEARLINK System, CONTINU-FLO Solution Set with DUO-VENT Spike, 111" (2.8m), 2 Luer Activated Valves, Male Luer Lock Adaptor, with Retractable Collar [3,6,13]	Y	Y

NOTE: The superscript numbers referenced in the Compatible IV Set List correspond with the numbers listed in the associated warning.

WARNING: Baxter IV Sets

General:

1. When using sets with backcheck valves flow rate settings should not exceed 500 mL/hr. Doing so may influence flow rate accuracy or cause upstream air-in-line or upstream occlusion alarms.

2. Secondary flow rates above 300 mL/hr may cause fluid to siphon from the primary container.

3. Some sets contain two or more slide clamps. Only the slide clamp on the pumping section or on the section with the main roller clamp should be used for pumping operation and clamp detection. Other slide clamps on the set must be used with the set and need to be observed and controlled by the user. To prevent free flow, the slide clamp on the tubing that is loaded into the Pump should be used to open the Pump door.

4. Minidrip chambers (60 drops/ml) should not be used for flow rate settings greater than 200 mL/hr. Doing so may influence flow rate accuracy and cause air-in-line alarms or upstream occlusion alarms.

5. Partially occluded filters can cause air-in-line, upstream occlusion or downstream occlusion alarms or negatively affect flow rate accuracy.

6. Rigid unvented containers used with unvented sets or vented sets with vent closed, will cause upstream occlusions that may not be detected by the infusion Pump.

7. Downstream Occlusions Alarms may be generated at lower pressures than specified in Operator's Manual, Appendix A: Pump Specifications, Downstream Occlusion Pressure.

8. Sets containing a manifold may require longer downstream occlusion detection times then specified in Operator's Manual, Appendix A: Pump Specifications, Downstream Occlusion Pressure.

9. **'2H and '2C' Non-DEHP Sets / Non-DEHP Pumping Segments**
   When using the compatible, non-DEHP IV administration sets in the Pump, the following performance limitations must be observed:
   9.1. When evaluated over a one-hour period, the Flow rate accuracy will range ±10% from the expected volume.
   9.2. Flow rate ranges and IV set usage durations for Baxter '2H' and '2C' non-DEHP IV administration sets are limited to:
     - 10 – 125 mL/hr with IV tubing use of not greater than 36 hours
     - 126 – 250 mL/hr with IV tubing use of not greater than 4 hours
   9.3. Do not use Baxter compatible non-DEHP administration sets with the SIGMA Spectrum Infusion System for drugs and therapies requiring infusion flow rates and durations outside of ranges specified above. Doing so may influence flow rate accuracy, downstream occlusion times and post occlusion bolus (bolus release) volumes.
   9.4. Prior to using the SIGMA Spectrum Infusion System with non-DEHP IV tubing, healthcare professionals should evaluate drugs, prescribed therapies and patient populations.

10. **'2R' Non-DEHP Sets / Non-DEHP Pumping Segments**
    10.1. When evaluated over a one-hour period, the Flow rate accuracy will range ±10% from the expected volume.

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Document Number: DOC 11182 Revision AF
Page **7** of **10**

10.2. Flow rate ranges and IV set usage durations for Baxter '2R' non-DEHP IV administration sets are limited to:

Flow Rate Range [mL/hr]	Accuracy	Set Change Interval
5.0- 50	+/- 10%	48 hrs
51 – 500*	+/- 10%	96 hrs or 12 L
501 – 999**	+/- 10%	12 L

10.3. *For set code 2R8858 the set change interval for the flow rate of 125 mL/hr is reduced from 96 to 72 hours

10.4 *For set code 2R8864, the maximum flow rate is 150 mL/hr. The set change interval for 5.0 to 150 mL/hr is 48 hours

10.5 **For set code 2R8858 the maximum flow rate is 700 mL/hr for a maximum of 12 hours

10.6 Downstream Occlusion pressures may reach as high as:
1. 10 psi (69 kPa) on the low pressure downstream occlusion alarm setting
2. 19 psi (131 kPa) on the medium pressure downstream occlusion alarm setting
3. 30 psi (207 kPa) on the high pressure downstream occlusion alarm setting

10.7 Time to Downstream Occlusion alarms may extend to:

Flow Rate [mL/hr]	Pressure Setting	Time to Alarm
5	High	45 minutes
25	Low	50 Seconds
25	High	8 minutes

10.8 At flow rates lower than 5 mL/hr, accuracy and time to downstream occlusion are impacted.

11. Buretrol Sets

11.1. Buretrols with closed vents, or shutoff valves will cause upstream occlusions that may not be detected by the infusion Pump.

11.2. When using a buretrol set containing a ball valve in the drip chamber, an upstream occlusion due to a closed ball valve may not be detected by the Pump.

12. Blood Sets

12.1. Blood sets with both clamps closed above the blood filter will cause upstream occlusions that may not be detected by the Pump.

Specialty Use Sets

13. UC8519

13.1. When using the UC8519 administration set, the following performance limitations must be observed:

- When evaluated over a one-hour period, the flow rate accuracy will range ±7% from the expected volume.
- Flow rate range is limited to 5 – 500 mL/hr.
- Set change interval of 48 hours or pumped volume of 12 L (whichever occurs first).

13.2. Secondary flow rates above 300 mL/hr may cause fluid to siphon from the primary container if the upper slide clamp is open. When the slide clamp is closed above the upper Y injection site, you may infuse the secondary at a rate up to 500 mL/hr without siphoning.

13.3. When infusing a secondary at 500 mL/hr, flow rate accuracy will be ±9%.

13.4. Do not use the UC8519 administration set with the SIGMA Spectrum Infusion System for drugs and therapies requiring infusion flow rates and durations outside of ranges specified above.

13.5. At the high pressure downstream occlusion alarm setting, the Time to Downstream Occlusion and Post-Occlusion Bolus (bolus release) Volume may increase as a result of longer distances to the occlusion point.

The superscript numbers referenced in the Compatible IV Set List correspond with the numbers listed in the associated warning

13.6. Downstream Occlusions Alarms may be generated at lower pressures than specified in Operator's Manual, Appendix A: Pump Specifications, Downstream Occlusion Pressure. This may indicate a possible downstream occlusion.

13.7. Downstream Occlusion Alarms may reach as high as:
- 10 psi (69 kPa) on the low pressure downstream occlusion alarm setting
- 24 psi (165 kPa) on the medium pressure downstream occlusion alarm setting
- 30 psi (207 kPa) on the high pressure downstream occlusion alarm setting

Note: See Appendix D: Downstream Occlusion, for downstream occlusion times and Post Occlusion (bolus release) volume information in the Operator's Manual.

14. <u>Nitroglycerin Sets</u>

14.1. Baxter Nitroglycerin IV administration sets flow rate range is 0.5-100 mL/hr.
- Do not use the Baxter Nitroglycerin administration sets outside of the stated flow rate range.

14.2. Downstream Occlusions Alarms may be generated at lower pressures than specified in Operator's Manual, Appendix A: Pump Specifications, Downstream Occlusion Pressure. This may indicate a possible downstream occlusion.

14.3. Downstream Occlusion Pressure may reach as high as:
- 15 psi (103 kPa) on the low pressure downstream occlusion alarm setting
- 24 psi (165 kPa) on the medium pressure downstream occlusion alarm setting
- 30 psi (207 kPa) on the high pressure downstream occlusion alarm setting

15. <u>Paclitaxel Sets</u>

15.1. Partially occluded filters can cause Air in line, upstream occlusion or downstream occlusion alarms or negatively affect flow rate accuracy.

15.2. Downstream Occlusions Alarms may be generated at lower pressures than specified in Operator's Manual, Appendix A: Pump Specifications, Downstream Occlusion Pressure. This may indicate a possible downstream occlusion.

15.3. When using sets with rigid polyethylene lined tubing, flow rate settings should not exceed 250 mL/hr. Doing so may influence flow rate accuracy.

15.4. Downstream Occlusion Pressure may reach as high as:
- 15 psi (103 kPa) on the low pressure downstream occlusion alarm setting
- 24 psi (165 kPa) on the medium pressure downstream occlusion alarm setting
- 30 psi (207 kPa) on the high pressure downstream occlusion alarm setting

16. <u>Polyethylene Lined Sets</u>

16.1. Downstream Occlusions Alarms may be generated at lower pressures than specified in Operator's Manual, Appendix A: Pump Specifications, Downstream Occlusion Pressure. This may indicate a possible downstream occlusion.

16.2. When using sets with rigid polyethylene lined tubing, flow rate settings should not exceed 250 mL/hr. Doing so may influence flow rate accuracy.

16.3. Downstream Occlusion Pressure may reach as high as:
- 15 psi (103 kPa) on the low pressure downstream occlusion alarm setting
- 24 psi (165 kPa) on the medium pressure downstream occlusion alarm setting
- 30 psi (207 kPa)on the high pressure downstream occlusion alarm setting

17. <u>Epidural sets</u>

17.1. Prior to using the SIGMA Spectrum Infusion System with Epidural tubing, healthcare professionals should evaluate drugs, prescribed therapies and patient populations for Epidural infusions.

17.2. At flow rates of 1.9 mL/hr or below, flow rate accuracy is +/- 0.1 mL/hr. If higher accuracy is required, consider an alternate infusion device.

17.3. Epidural administration of drugs other than those indicated for epidural use can result in serious patient injury.

17.4. When administering epidural analgesics, use only catheters specifically labeled for epidural analgesia drug delivery.

The superscript numbers referenced in the Compatible IV Set List correspond with the numbers listed in the associated warning

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Document Number: DOC 11182 Revision AF   Page **9** of **10**

17.5.   To help prevent accidental infusion of non-epidural drugs, DO NOT USE epidural administration sets that contain injection sites.

17.6.   Label the administration container and IV set "EPIDURAL USE ONLY".

17.7.   Minidrip chambers should not be used for flow rate settings greater than 200 mL/hr. Doing so may influence flow rate accuracy and cause air in line or upstream occlusion alarms.

17.8.   Clearly identify infusion pumps used for epidural administration.

17.9.   Use Keypad Lock to guard against unauthorized pump access by a patient or family member.

This document is subject to change, please continue to visit www.spectrumiq.com for the most current version.

Rx Only. For the safe and proper use of the devices mentioned, refer to the Instructions for Use or appropriate operator's manual.

The superscript numbers referenced in the Compatible IV Set List correspond with the numbers listed in the associated warning