

# NEO SPA CONTROL SYSTEM CONFIGURATIONS GUIDE

## NEO SPA CONTROL SYSTEM CONFIGURATIONS GUIDE

NEO 2100



NEO 1500



NEO 1200



NEO 2100



NEO 1100



NEO 1000



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807-2035.1216

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# NEO 2100

## SPA CONTROL SYSTEM CONFIGURATIONS GUIDE

### NEO 2100 Controller with NEO 2100 TopSide Panel

#### PAGE 1 - CIRC/NON-CIRC

Features	Configuration #1	Configuration #2	Configuration #3	Configuration #4	Configuration #5	Configuration #6	Configuration #7	Configuration #8		Configuration #9	Configuration #10	Configuration #11	Configuration #12	Configuration #13	Configuration #14	Configuration #15	Configuration #16
Topside	773-4103	773-4104	773-4104	773-4105	773-4101	773-4103	773-4104	773-4101		773-4106	773-4103	773-4104	773-4104	773-4101	773-4106	773-4105	NA
Circulation Pump	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9		Y (Ozone relay) J9	N	N	N	N	N	N	N
Pump 1	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	1-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8		2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8
Pump 2	N	1-Speed J10	2-Speed J10	2-Speed J10	1-Speed (J8)	N	1-Speed J10	2-Speed J1		2-Speed J10	N	1-Speed J10	2-Speed J10	2-Speed J10	2-Speed J10	1-Speed J10	1-Speed J10
Pump 3	N	N	N	2-Speed J1	N	N	N	N		2-Speed J1	N	N	N	N	2-Speed J1	1-Speed J1	1-Speed J1
Pump 4	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	1-Speed (J1)
Pump 5	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	1-Speed J2
Pump 6	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	1-Speed (J2)
Blower	Y J10	N	N	N	Y J10	Y J10	N	Y J10		Y Aux	Y J10	N	N	Y Aux	Y Aux	N	N
Ozone	N	N	N	N	Y Aux	Y Aux	Y Aux	Y Aux		N	Y J9	Y J9	Y J9	Y J9	Y J9	Y J9	Y J9
Option 1	Y Aux	Y Aux	Y Aux	Y Aux	N	N	N	N		N	Y Aux	Y Aux	Y Aux	N	N	Y Aux	Y Aux
Notes				DB1	Y Cable			DB1		DB1					DB1	DB1	DB2 and Y Cable required

### NEO 2100 Controller with NEO 2100 TopSide Panel

#### PAGE 2 - CIRC/NON-CIRC

Features	Configuration #1	Configuration #2	Configuration #3	Configuration #4	Configuration #5	Configuration #6	Configuration #7	Configuration #8		Configuration #9	Configuration #10	Configuration #11	Configuration #12	Configuration #13	Configuration #14	Configuration #15	Configuration #16
Topside	773-4108	773-4108	773-4104	773-4101	773-4101	773-4101	773-4105	773-4105		773-4106	773-4103	773-4104	773-4104	773-4101	NA	NA	773-4101
Circulation Pump	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9		Y (Ozone relay) J9	N	N	N	N	N	N	N
Pump 1	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	1-Speed J8	1-Speed J8		1-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8
Pump 2	N	N	2-Speed J10	2-Speed J10	1-Speed J10	1-Speed J10	1-Speed (J8)	1-Speed (J8)		1-Speed (J8)	N	1-Speed J10	2-Speed J10	2-Speed J10	N	N	1-Speed J10
Pump 3	N	N	N	N	N	N	1-Speed J10	1-Speed J10		1-Speed J10	N	N	N	N	N	N	N
Pump 4	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	N
Blower	N	N	N	Y Aux	Y Aux	Y Aux	N	N		Y Aux	Y J10	N	N	Y Aux	N	N	Y Aux
Ozone	N	Y Aux	Y Aux	N	N	Y (J10)	N	Y Aux		Y (J10)	N	N	N	N	N	Y J9	Y J9
Option 1	Y Aux	Y J10	N	N	N	N	Y Aux	N		N	Y Aux	Y Aux	Y Aux	Y J9	Y Aux	Y Aux	N
Notes						Y Cable required	Y Cable required	Y Cable required		Y Cable required							

# NEO 2100

## SPA CONTROL SYSTEM CONFIGURATIONS GUIDE

### NEO 2100 Controller with NEO 2100 TopSide Panel

#### PAGE 3 - CIRC

Features	Configuration #1	Configuration #2	Configuration #3	Configuration #4	Configuration #5	Configuration #6	Configuration #7	Configuration #8		Configuration #9	Configuration #10	Configuration #11	Configuration #12	Configuration #13	Configuration #14	Configuration #15	Configuration #16	
Topside	773-4105	773-4106	773-4105	773-4107	773-4106	773-4107	773-4107	773-4107		NA	NA	773-4107	773-4107	NA	773-4107	773-4107	NA	
Circulation Pump	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9		Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	
Pump 1	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	1-Speed J8	1-Speed J8		1-Speed J8	1-Speed J8	1-Speed J8	1-Speed J8	1-Speed J8	2-Speed J8	2-Speed J8	1-Speed J8	
Pump 2	2-Speed J10	2-Speed J1	1-Speed J10	1-Speed J10	1-Speed J10	1-Speed J10	1-Speed J10	1-Speed J10		1-Speed (J8)	1-Speed J10	1-Speed (J8)	1-Speed (J8)	1-Speed (J8)	2-Speed J10	2-Speed J10	1-Speed (J8)	
Pump 3	2-Speed J1	2-Speed J2	1-Speed J1	1-Speed J1	1-Speed J1	1-Speed J1	1-Speed J1	1-Speed J1		1-Speed J1	1-Speed J1	1-Speed J10	1-Speed J10	1-Speed J10	2-Speed J1	2-Speed J1	1-Speed J1	
Pump 4	N	N	N	1-Speed (J1)	N	1-Speed (J1)	1-Speed (J1)	1-Speed (J1)		1-Speed (J1)	1-Speed (J1)	1-Speed J1	1-Speed J1	1-Speed J1	2-Speed J2	2-Speed J2	1-Speed (J1)	
Pump 5	N	N	N	N	N	N	N	N		N	N	1-Speed (J1)	1-Speed (J1)	1-Speed (J1)	N	N	1-Speed J2	
Pump 6	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	1-Speed (J2)	
Blower	N	Y J10	N	N	Y Aux	Y Aux	N	N		Y J10	Y Aux	N	N	Y Aux	N	Y Aux	Y J10	
Ozone	Y Aux	Y Aux	Y Aux	N	Y (J10)	N	Y Aux	N		Y Aux	N	Y Aux	N	Y (J10)	Y Aux	N	Y Aux	
Option 1	N	N	N	Y Aux	N	N	N	Y Aux		N	N	N	Y Aux	N	N	N	N	
Notes	DB1	DB2	DB1	DB1 and Y Cable required	DB1	DB1 and Y Cable required	DB1 and Y Cable required	DB1 and Y Cable required		DB1 and Y Cable required	DB1 and Y Cable required	DB1 and Y Cable required	DB1 and Y Cable required	DB1 and Y Cable required	DB1 and Y Cable required	DB2	DB2	DB2 and Y Cable required

### NEO 2100 Controller with NEO 2100 TopSide Panel

#### PAGE 4 - NON-CIRC

Features	Configuration #1	Configuration #2	Configuration #3	Configuration #4	Configuration #5	Configuration #6	Configuration #7	Configuration #8		Configuration #9	Configuration #10	Configuration #11	Configuration #12	Configuration #13	Configuration #14	Configuration #15	Configuration #16
Topside	773-4106	773-4105	773-4106	773-4106	773-4106	773-4106	773-4105	773-4105		773-4107	773-4107	773-4107	773-4107	773-4107	773-4107	773-4105	773-4106
Circulation Pump	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	N
Pump 1	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8		2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J10	2-Speed J8
Pump 2	2-Speed J1	1-Speed J10	1-Speed J10	1-Speed J10	2-Speed J10	2-Speed J10	2-Speed J10	2-Speed J10		1-Speed J10	1-Speed J10	1-Speed J10	1-Speed J10	1-Speed J10	1-Speed J10	1-Speed J8	2-Speed J10
Pump 3	1-Speed J10	1-Speed J1	1-Speed J1	1-Speed J1	2-Speed J1	2-Speed J1	2-Speed J1	2-Speed J1		1-Speed J1	1-Speed J1	1-Speed J1	1-Speed J1	1-Speed J1	1-Speed J1	1-Speed (J8)	2-Speed J1
Pump 4	N	N	N	N	N	N	N	N		1-Speed (J1)	1-Speed (J1)	1-Speed (J1)	1-Speed (J1)	1-Speed (J1)	1-Speed (J1)	N	2-Speed J2
Pump 5	N	N	N	N	N	N	N	N		N	N	N	N	1-Speed J2	1-Speed J2	N	N
Pump 6	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	N
Blower	Y Aux	N	Y Aux	Y Aux	Y Aux	Y Aux	N	N		N	N	Y Aux	Y Aux	N	N	N	N
Ozone	Y J9	N	Y J9	N	Y J9	N	Y J9	N		N	Y J9	N	Y J9	N	Y J9	Y J9	Y J9
Option 1	N	Y Aux	N	Y J9	N	Y J9	Y Aux	Y Aux		Y Aux	Y Aux	Y J9	N	Y Aux	Y Aux	Y Aux	Y Aux
Notes	DB1	DB1	DB1	DB1	DB1	DB1	DB1	DB1		DB1 and Y Cable required	DB1 and Y Cable required	DB1 and Y Cable required	DB1 and Y Cable required	DB2 and Y Cable required	DB2 and Y Cable required	Y Cable	DB2

# NEO 2100

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### NEO 2100 Controller with NEO 2100 TopSide Panel

#### PAGE 5 - SPECIAL - CIRC / ACTS LIKE Pump 1

Features	Configuration #1	Configuration #2	Configuration #3	Configuration #4	Configuration #5	Configuration #6	Configuration #7	Configuration #8		Configuration #9	Configuration #10	Configuration #11	Configuration #12	Configuration #13	Configuration #14	Configuration #15	Configuration #16
Topside	773-4101	773-4104	773-4106	773-4105	773-4105	773-4106	773-4107	773-4107		773-4107	773-4107	773-4107	773-4107	773-4107	773-4107	773-4107	773-4107
Circulation Pump	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	N
Pump 1	1-Speed J9	1-Speed J9	1-Speed J9	1-Speed J9	1-Speed J9	1-Speed J9	1-Speed J9	1-Speed J9		1-Speed J9	1-Speed J9	1-Speed J9	1-Speed J9	1-Speed J9	1-Speed J9	1-Speed J9	1-Speed J9
Pump 2	2-Speed J8	2-Speed J8	1-Speed J8	1-Speed J8	2-Speed J8	2-Speed J8	1-Speed J8	1-Speed J8		1-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8
Pump 3	N	N	1-Speed J10	1-Speed J10	2-Speed J10	2-Speed J10	1-Speed (J8)	1-Speed J1		1-Speed J10	1-Speed J1	1-Speed J10	1-Speed J10	2-Speed J1	2-Speed J1	2-Speed J1	2-Speed J10
Pump 4	N	N	N	N	N	N	1-Speed J10	1-Speed (J1)		1-Speed J1	1-Speed (J1)	1-Speed J1	1-Speed J1	1-Speed J2	1-Speed J10	2-Speed J2	2-Speed J1
Pump 5	N	N	N	N	N	N	N	N		1-Speed (J1)	N	N	1-Speed (J1)	N	N	N	N
Blower	Y J10	N	Y Aux	N	N	Y Aux	N	Y J10		N	Y J10	N	N	Y J10	N	Y J10	N
Ozone	Y Aux	Y Aux	N	Y Aux	Y Aux	N	Y Aux	Y Aux		Y Aux	Y Aux	Y Aux	Y Aux	Y Aux	Y Aux	Y Aux	Y Aux
Option 1	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	N
Notes							Y Cable	Y Cable & DB1		Y Cable & DB1	Y Cable & DB1	DB1	Y Cable & DB1	DB2	DB1	DB2	DB1

### NEO 2100 Controller with NEO 2100 TopSide Panel

#### PAGE 6 - SPECIAL - VSDU SWIM SPA

Features	Configuration #1	Configuration #2	Configuration #3	Configuration #4	Configuration #5	Configuration #6	Configuration #7	Configuration #8		Configuration #9	Configuration #10	Configuration #11	Configuration #12	Configuration #13	Configuration #14	Configuration #15	Configuration #16
Topside	773-4300	773-4300	773-4300	773-4300	773-4300	773-4300	773-4300				NA		773-4300	773-4300	773-4300	773-4300	773-4300
Circulation Pump	N	N	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9				N-PDC		Y (Ozone relay) J9	N	N	Y (Ozone relay) J9	Y (Ozone relay) J9
Pump 1	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	1-Speed J8	1-Speed J8				2-Speed J8		2-Speed J8	2-Speed J8	2-Speed J8	4-Speed J8	4-Speed J8
Pump 2	6-Speed J10/1/2	6-Speed J10/1/2	6-Speed J10/1/2	6-Speed J10/1/2	6-Speed J10/1/2	6-Speed J10/1/2	6-Speed J10/1/2				Var J1		4-Speed J10/1	4-Speed J10/1	4-Speed J10/1	N	N
Pump 3	N	N	N	N	N	N	N				N		N	N	N	N	N
Pump 4	N	N	N	N	N	N	N				N		N	N	N	N	N
Pump 5	N	N	N	N	N	N	N				N		N	N	N	N	N
Blower	Y Aux	N	N	N	Y Aux	N	Y (J8)				N		N	Y Aux	N	Y Aux	N
Ozone	Y J9	Y J9	N	Y Aux	N	Y Aux	Y Aux				Y J9		Y Aux	Y J9	Y J9	N	Y Aux
Option 1	N	Y Aux	Y Aux	N	N	N	N				Y Aux		N	N	Y Aux	N	N
Notes	DB2	DB2	DB2	DB2	DB2	DB2	DB2				DB1		DB1	DB1	DB1		

# NEO 2100

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### NEO 2100 Controller with NEO 1100 TopSide Panel

#### PAGE 1 - CIRC/NON-CIRC

Features	Configuration #1	Configuration #2	Configuration #3	Configuration #4	Configuration #5	Configuration #6	Configuration #7	Configuration #8		Configuration #9	Configuration #10	Configuration #11	Configuration #12	Configuration #13	Configuration #14	Configuration #15	Configuration #16
Topside	773-4119	773-4119	773-4119	773-4119	773-4119	773-4119	773-4119	773-4119		773-4119	773-4119	773-4119	773-4119	773-4119	773-4119	773-4119	773-4119
Circulation Pump	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9		Y (Ozone relay) J9	N	N	N	N	N	N	N
Pump 1	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8		2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8
Pump 2	N	1-Speed J10	2-Speed J10	2-Speed J10	2-Speed J10	N	1-Speed J10	2-Speed J1		1-Speed J10	N	1-Speed J10	2-Speed J10	2-Speed J10	2-Speed J10	2-Speed J10	2-Speed J10
Pump 3	N	N	N	2-Speed J1	2-Speed J1	N	N	N		1-Speed J1	N	N	N	N	2-Speed J1	2-Speed J1	2-Speed J1
Pump 4	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	N
Pump 5	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	N
Blower	Y J10	N	N	N	N	Y J10	N	Y J10		N	Y J10	N	N	Y Aux	N	N	N
Ozone	N	N	N	N	Y Aux	Y Aux	Y Aux	Y Aux		Y Aux	Y J9	Y J9	Y J9	Y J9	Y J9	Y J9	N
Option 1	Y Aux	Y Aux	Y Aux	Y Aux	N	N	N	N		N	Y Aux	Y Aux	Y Aux	N	Y Aux	N	Y Aux
Notes				DB1	DB1			DB1		DB1					DB1	DB1	DB1

### NEO 2100 Controller with NEO 1100 TopSide Panel

#### PAGE 2 - CIRC/NON-CIRC

Features	Configuration #1	Configuration #2	Configuration #3	Configuration #4	Configuration #5	Configuration #6	Configuration #7	Configuration #8		Configuration #9	Configuration #10	Configuration #11	Configuration #12	Configuration #13	Configuration #14	Configuration #15	Configuration #16
Topside	773-4110	773-4110	773-4119	773-4119	773-4119	773-4119	773-4119	773-4119		773-4119	773-4119	773-4119	773-4119	773-4119	773-4110	773-4110	773-4119
Circulation Pump	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9		N	N	N	N	N	N	N	N
Pump 1	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	1-Speed J8	1-Speed J8		2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8
Pump 2	N	N	2-Speed J10	2-Speed J10	1-Speed J10	1-Speed J10	1-Speed (J8)	1-Speed (J8)		1-Speed J10	N	1-Speed J10	2-Speed J10	2-Speed J10	N	N	1-Speed J10
Pump 3	N	N	N	N	N	N	1-Speed J10	1-Speed J10		1-Speed J1	N	N	N	N	N	N	N
Pump 4	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	N
Blower	N	N	N	Y Aux	Y Aux	Y Aux	N	N		N	Y J10	N	N	Y Aux	N	N	Y Aux
Ozone	N	Y Aux	Y Aux	N	N	Y (J10)	N	Y Aux		N	N	N	N	N	N	Y J9	Y J9
Option 1	Y Aux	Y J10	N	N	N	N	Y Aux	N		Y Aux	Y Aux	Y Aux	Y Aux	Y J9	Y Aux	Y Aux	N
Notes						Y Cable required	Y Cable required	Y Cable required		DB1							

### NEO 2100 Controller with NEO 1100 TopSide Panel

#### PAGE 3 - CIRC

Features	Configuration #1	Configuration #2	Configuration #3	Configuration #4	Configuration #5	Configuration #6	Configuration #7	Configuration #8		Configuration #9	Configuration #10	Configuration #11	Configuration #12	Configuration #13	Configuration #14	Configuration #15	Configuration #16
Topside	773-4110	773-4119	773-4119	773-4119	773-4119	773-4119	773-4119	773-4119		773-4119	773-4119	773-4119	773-4119	773-4119	773-4119	773-4119	773-4119
Circulation Pump	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9		Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9
Pump 1	1-Speed J8	1-Speed J8	1-Speed J8	1-Speed J8	1-Speed J8	1-Speed J8	2-Speed J8	2-Speed J8		2-Speed J8	2-Speed J8	1-Speed J8	1-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8
Pump 2	N	N	N	1-Speed J10	1-Speed J10	1-Speed J1	1-Speed J10	1-Speed J10		2-Speed J1	2-Speed J1	1-Speed J10	1-Speed J10	1-Speed J10	2-Speed J10	2-Speed J10	2-Speed J10
Pump 3	N	N	N	N	N	N	N	N		N	N	1-Speed J1	1-Speed J1	1-Speed J1	1-Speed J1	1-Speed J1	1-Speed J1
Pump 4	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	N
Pump 5	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	N
Blower	N	Y J10	Y J10	N	Y Aux	Y J10	Y Aux	N		N	Y J10	N	N	N	N	N	N
Ozone	Y Aux	Y Aux	N	Y Aux	N	Y Aux	N	Y Aux		Y Aux	N	Y Aux	N	N	Y Aux	N	Y Aux
Option 1	Y J10	N	Y Aux	N	N	N	Y (J10)	Y (J10)		Y J10	Y Aux	N	Y Aux	Y Aux	N	Y Aux	Y (J1)
Notes						DB1	Y Cable	Y Cable		DB1	DB1	DB1	DB1	DB1	DB1	DB1	DB1 & Y Cable

### NEO 2100 Controller with NEO 1100 TopSide Panel

#### PAGE 4 - NON-CIRC

Features	Configuration #1	Configuration #2	Configuration #3	Configuration #4	Configuration #5	Configuration #6	Configuration #7	Configuration #8		Configuration #9	Configuration #10	Configuration #11	Configuration #12	Configuration #13	Configuration #14	Configuration #15	Configuration #16
Topside	773-4119	773-4110	773-4119	773-4119	773-4119	773-4119	773-4119	773-4119		773-4119	773-4119	773-4119	773-4119	773-4119	773-4119	773-4119	773-4119
Circulation Pump	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	N
Pump 1	1-Speed J8	1-Speed J8	1-Speed J8	1-Speed J8	1-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8		1-Speed J8	1-Speed J8	1-Speed J8	1-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8
Pump 2	N	N	1-Speed J10	1-Speed J10	1-Speed J10	1-Speed J10	1-Speed J10	2-Speed J10		1-Speed (J8)	1-Speed (J8)	1-Speed J10	1-Speed J10	1-Speed J10	1-Speed J10	2-Speed J10	2-Speed J10
Pump 3	N	N	N	N	N	N	N	N		1-Speed J10	1-Speed J10	1-Speed J1	1-Speed J1	1-Speed J1	1-Speed J1	1-Speed J1	1-Speed J1
Pump 4	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	N
Pump 5	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	N
Blower	Y J10	N	N	Y Aux	Y Aux	Y Aux	N	N		N	N	N	N	N	N	N	N
Ozone	Y J9	Y J9	Y J9	Y J9	N	N	Y J9	Y J9		Y J9	N	Y J9	N	Y J9	N	Y J9	N
Option 1	Y Aux	Y Aux	Y Aux	N	Y J9	Y J9	N	N		Y Aux	Y Aux	Y Aux	Y Aux	Y Aux	Y Aux	Y Aux	Y Aux
Notes										Y Cable	Y Cable	DB1	DB1	DB1	DB1	DB1	DB1

# NEO 2100

## SPA CONTROL SYSTEM CONFIGURATIONS GUIDE

### NEO 2100 Controller with NEO 1100 TopSide Panel

#### PAGE 5 - SPECIAL - CIRC / ACTS LIKE Pump 1

Features	Configuration #1	Configuration #2	Configuration #3	Configuration #4	Configuration #5	Configuration #6	Configuration #7	Configuration #8		Configuration #9	Configuration #10	Configuration #11	Configuration #12	Configuration #13	Configuration #14	Configuration #15	Configuration #16
Topside	773-4119	773-4119	773-4119	773-4119	773-4119	773-4119	773-4119	773-4119		773-4119	773-4119	773-4119	773-4119	773-4119	773-4119	773-4119	773-4119
Circulation Pump	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	N
Pump 1	1-Speed J9	1-Speed J9	1-Speed J9	1-Speed J9	1-Speed J9	1-Speed J9	1-Speed J9	1-Speed J9		1-Speed J9	1-Speed J9	1-Speed J9	1-Speed J9	1-Speed J9	1-Speed J9	1-Speed J9	1-Speed J9
Pump 2	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	1-Speed J8	1-Speed J8		1-Speed J8	1-Speed J8	1-Speed J8	1-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8
Pump 3	N	N	N	N	N	N	N	N		N	N	1-Speed J10	1-Speed J10	1-Speed J10	1-Speed J10	2-Speed J10	2-Speed J10
Pump 4	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	N
Pump 5	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	N
Blower	Y J10	N	Y J10	N	N	Y J10	Y J10	Y J10		Y J10	N	N	N	N	N	N	N
Ozone	Y Aux	Y Aux	N	N	Y Aux	N	N	N		Y Aux	Y Aux	Y Aux	N	Y Aux	N	Y Aux	N
Option 1	N	N	N	Y J10	Y J10	Y Aux	N	Y Aux		N	Y J10	N	Y Aux	N	Y Aux	N	Y Aux
Notes																	

### NEO 2100 Controller with NEO 1100 TopSide Panel

#### PAGE 6 - SPECIAL - VSDU SWIM SPA

Features	Configuration #1	Configuration #2	Configuration #3	Configuration #4	Configuration #5	Configuration #6	Configuration #7	Configuration #8		Configuration #9	Configuration #10	Configuration #11	Configuration #12	Configuration #13	Configuration #14	Configuration #15	Configuration #16
Topside	NA	NA	NA	NA	NA	NA	NA				NA		NA	NA	NA	NA	NA
Circulation Pump	N	N	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9				N-PDC		Y (Ozone relay) J9	N	N	Y (Ozone relay) J9	Y (Ozone relay) J9
Pump 1	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	1-Speed J8	1-Speed J8				2-Speed J8		2-Speed J8	2-Speed J8	2-Speed J8	4-Speed J8	4-Speed J8
Pump 2	6-Speed J10/1/2	6-Speed J10/1/2	6-Speed J10/1/2	6-Speed J10/1/2	6-Speed J10/1/2	6-Speed J10/1/2	6-Speed J10/1/2				Var J1		4-Speed J10/1	4-Speed J10/1	4-Speed J10/1	N	N
Pump 3	N	N	N	N	N	N	N				N		N	N	N	N	N
Pump 4	N	N	N	N	N	N	N				N		N	N	N	N	N
Pump 5	N	N	N	N	N	N	N				N		N	N	N	N	N
Blower	N	N	N	N	N	N	N				N		N	N	N	Y Aux	N
Ozone	Y J9	Y J9	N	Y Aux	N	Y Aux	Y Aux				Y J9		Y Aux	Y J9	Y J9	N	Y Aux
Option 1	N	Y Aux	Y Aux	N	N	N	N				Y Aux		N	N	Y Aux	N	N
Notes	DB2	DB2	DB2	DB2	DB2	DB2	DB2				DB1		DB1	DB1	DB1		



# NEO 2100

## SPA CONTROL SYSTEM CONFIGURATIONS GUIDE

### NEO 2100 Controller with NEO 1000 TopSide Panel

#### PAGE 1 - NON-CIRC

Features	Configuration #1	Configuration #2	Configuration #3	Configuration #4	Configuration #5	Configuration #6	Configuration #7	Configuration #8		Configuration #9	Configuration #10	Configuration #11	Configuration #12	Configuration #13	Configuration #14	Configuration #15	Configuration #16
Topside	773-4113	773-4113	773-4113	773-4113	773-4113	773-4113	773-4113	773-4113		773-4113	773-4113	773-4113	773-4113	773-4113	773-4113	773-4113	773-4113
Circulation Pump	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	N
Pump 1	1-Speed J8	1-Speed J8	2-Speed J8	2-Speed J8	1-Speed J8	1-Speed J8	2-Speed J8	2-Speed J8		2-Speed J8	2-Speed J8	1-Speed J8	1-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8
Pump 2	N	N	N	N	1-Speed J10	1-Speed J10	1-Speed J10	1-Speed J10		2-Speed J10	2-Speed J10	N	N	N	N	2-Speed J10	2-Speed J10
Pump 3	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	N
Pump 4	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	N
Blower	N	N	N	N	N	N	N	N		N	N	Y J10	Y J10	Y J10	Y J10	N	N
Ozone	N	Y J9	N	Y J9	N	Y J9	N	Y J9		N	Y J9	N	Y J9	N	Y J9	N	Y J9
Option 1	Y Aux	Y Aux	Y Aux	Y Aux	Y Aux	Y Aux	Y Aux	Y Aux		Y Aux	Y Aux	Y Aux	Y Aux	Y Aux	Y Aux	Y Aux	Y Aux
Notes																	

### NEO 2100 Controller with NEO 1000 TopSide Panel

#### PAGE 2 - CIRC

Features	Configuration #1	Configuration #2	Configuration #3	Configuration #4	Configuration #5	Configuration #6	Configuration #7	Configuration #8		Configuration #9	Configuration #10	Configuration #11	Configuration #12	Configuration #13	Configuration #14	Configuration #15	Configuration #16
Topside	773-4113	773-4113	773-4113	773-4113	773-4113	773-4113	773-4113	773-4113		773-4113	773-4113	773-4113	773-4113	773-4113	773-4113	773-4113	773-4113
Circulation Pump	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9		Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9
Pump 1	1-Speed J8	1-Speed J8	2-Speed J8	2-Speed J8	1-Speed J8	1-Speed J8	2-Speed J8	2-Speed J8		2-Speed J8	2-Speed J8	1-Speed J8	1-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8
Pump 2	N	N	N	N	1-Speed J10	1-Speed J10	1-Speed J10	1-Speed J10		2-Speed J10	2-Speed J10	N	N	N	N	N	1-Speed J10
Pump 3	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	N
Pump 4	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	N
Blower	N	N	N	N	N	N	N	N		N	N	Y J10	Y J10	Y J10	Y J10	Y J10	N
Ozone	N	Y J10	N	Y J10	N	Y Aux	N	Y Aux		N	Y Aux	N	Y Aux	N	Y Aux	Y Aux	Y Aux
Option 1	Y Aux	Y Aux	Y Aux	Y Aux	Y Aux	N	Y Aux	N		Y Aux	N	Y Aux	N	Y Aux	N	Y J10	Y J10
Notes																Y Cable required	Y Cable required