

**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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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							



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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	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



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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		



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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							



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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

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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



NEO 1500

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NEO 1500 Controller with NEO 2100 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	773-4108	773-4108	773-4108	773-4104	773-4104	NA	773-4108	773-4108		773-4104	773-4104	773-4104	773-4104	773-4101	773-4101	773-4104	773-4101
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		2-Speed J8	2-Speed J8	1-Speed J8	2-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	N	N	N		1-Speed J10	1-Speed J10	1-Speed J10	1-Speed J1	1-Speed J1	1-Speed J1	2-Speed J1	2-Speed J1
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
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	N	N	Y J10	Y J10		N	N	N	N	Y J10	Y J10	N	Y J10
Ozone	Y J9	Y J9	N	Y J9	N	Y J9	Y J9	N		Y J9	N	Y J9	Y J9	Y J9	N	Y J9	Y J9
Option 1	Y J10	N	Y J9	N	Y J9	Y J10	N	Y J9		N	Y J9	Y (J8)	Y J10	N	Y J9	Y J10	N
Notes												Y Cable	DB1	DB1	DB1	DB1	DB1

NEO 1500 Controller with NEO 2100 TopSide Panel

PAGE 2 - 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	773-4101	773-4101	773-4104	773-4101	773-4105	773-4105	773-4105	773-4105		773-4106	773-4106	773-4105	773-4106	773-4106	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	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	1-Speed J8	1-Speed J8	1-Speed J8	1-Speed J8	1-Speed J8	1-Speed J8
Pump 2	2-Speed J1	1-Speed J1	1-Speed J1	1-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)	1-Speed (J8)	1-Speed (J8)
Pump 3	N	N	N	N	1-Speed J10	1-Speed J10	1-Speed J10	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 J1
Pump 4	N	N	N	N	N	N	N	N		N	N	N	N	N	1-Speed (J1)	1-Speed (J1)	1-Speed (J1)
Pump 5	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	N
Blower	Y J10	Y J10	N	Y J10	N	N	N	N		Y J10	Y J10	N	Y J10	Y J10	N	Y J10	Y J10
Ozone	N	Y J9	Y J9	N	Y J9	N	N	Y J9		Y J9	N	Y J9	Y J9	Y J9	Y J9	Y J9	N
Option 1	Y J9	N	Y J10	Y J9	N	Y J9	N	Y J10		N	Y J9	Y J10	N	Y (J8)	Y J10	N	Y J9
Notes	DB1	DB1	DB1	DB1	DB1	DB1	DB1	DB1 and Y Cable		DB1 and Y Cable	DB1 and Y Cable	DB1 and Y Cable	DB1 and Y Cable	DB1 and Y Cable	DB1 and Y Cable	DB1 and Y Cable	DB1 and Y Cable



NEO 1500

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NEO 1500 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	773-4103	773-4108	773-4108	773-4104	773-4104	773-4103	773-4108	773-4108		773-4103	773-4104	773-4104	773-4101	773-4104	773-4104	773-4105	773-4103
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	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	2-Speed J8	2-Speed J8	2-Speed J8
Pump 2	N	N	N	1-Speed J10	1-Speed J10	N	N	N		N	1-Speed (J8)	1-Speed (J8)	2-Speed J1	2-Speed J1	2-Speed J1	2-Speed J1	N
Pump 3	N	N	N	N	N	N	N	N		N	N	N	N	N	N	1-Speed J10	N
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	N		Y J10	N	N	Y J10	N	N	N	Y J1
Ozone	N	Y J10	N	N	N	N	Y J10	N		Y (J8)	Y J10	N	N	Y J10	N	N	Y J10
Option 1	N	N	Y J10	N	N	N	N	Y J10		N	N	Y J10	N	N	Y J10	N	N
Notes										Y Cable	Y Cable	Y Cable	DB1	DB1	DB1	DB1	DB1

NEO 1500 Controller with NEO 2100 TopSide Panel																	
PAGE 4 - 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	773-4108	773-4104	773-4101	773-4104	773-4105	773-4101	773-4101		773-4104	773-4101	773-4101	773-4105	773-4106	773-4107	773-4107	773-4107
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	1-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
Pump 2	N	N	1-Speed J1	1-Speed J1	1-Speed J1	1-Speed J10	1-Speed J1	1-Speed J1		1-Speed J1	1-Speed (J8)	1-Speed (J8)	1-Speed (J8)	1-Speed (J8)	1-Speed (J8)	1-Speed (J8)	1-Speed J10
Pump 3	N	N	N	N	N	1-Speed J1	N	N		N	N	N	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	1-Speed (J1)	1-Speed (J1)	1-Speed (J1)
Pump 5	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	N
Blower	Y J10	N	N	Y J10	N	N	Y (J1)	Y (J1)		N	Y (J1)	Y (J1)	N	Y (J1)	N	N	N
Ozone	N	Y J10	Y J10	N	N	N	Y J10	N		Y J10	Y J10	Y J10	Y J10	Y J10	Y J10	N	N
Option 1	Y J1	Y J1	N	N	Y J10	N	N	Y J10		Y (J1)	N	Y (J1)	N	N	N	Y J10	N
Notes	DB1	DB1	DB1	DB1	DB1	DB1	DB1 and Y Cable	DB1 and Y Cable		DB1 and Y Cable	DB1 and Y Cable	DB1 and Y Cable	DB1 and Y Cable	DB1 and Y Cable	DB1 and Y Cable	DB1 and Y Cable	DB1 and Y Cable



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NEO 1500 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	773-4105	773-4106	773-4106	773-4105	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	1-Speed J8	1-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8
Pump 3	N	N	1-Speed (J8)	1-Speed (J8)	2-Speed J1	2-Speed J1	1-Speed J10	1-Speed J1		1-Speed J1	1-Speed J1	1-Speed J1	1-Speed J10	1-Speed J1	1-Speed J1	1-Speed J1	1-Speed J10
Pump 4	N	N	N	N	N	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)	1-Speed (J1)	1-Speed J1
Pump 5	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	1-Speed (J1)
Blower	Y J10	N	N	Y J10	Y J10	N	N	N		Y J10	Y (J8)	N	N	N	Y J10	N	N
Ozone	N	Y J10	Y J10	N	N	Y J10	N	Y J10		N	Y J10	Y J10	N	Y J10	N	N	N
Option 1	N	N	N	N	N	N	N	N		N	N	Y (J8)	N	N	N	Y J10	N
Notes			Y Cable	Y Cable	DB1	DB1	DB1	Y Cable & DB1		Y Cable & DB1	Y Cable & DB1	Y Cable & DB1	DB1	Y Cable & DB1	Y Cable & DB1	Y Cable & DB1	Y Cable & DB1



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NEO 1500 Controller with NEO 1100 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	773-4110	773-4119	773-4119	773-4119	773-4119	773-4110	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		2-Speed J8	2-Speed J8	1-Speed J8	2-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	N	N	N		1-Speed J10	1-Speed J10	1-Speed J10	1-Speed J1	1-Speed J1	1-Speed J1	2-Speed J1	2-Speed J1
Pump 3	N	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	N
Pump 5	N	N	N	N	N	N	N	N		N	N	N	N N	N	N	N	N
Blower	N	Y J10	Y J10	N	N	N	Y J10	Y J10		N	N	N	N	Y J10	Y J10	N	Y J10
Ozone	Y J9	Y J9	N	Y J9	N	Y J9	Y J9	N		Y J9	N	Y J9	Y J9	Y J9	N	Y J9	Y J9
Option 1	Y J10	N	Y J9	N	Y J9	Y J10	N	Y J9		N	Y J9	Y (J8)	Y J10	N	Y J9	Y J10	N
Notes												Y Cable	DB1	DB1	DB1	DB1	DB1

NEO 1500 Controller with NEO 1100 TopSide Panel																	
PAGE 2 - 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	773-4110	773-4119	773-4119
Circulation Pump	N	N	N	N	N	N	N	N		N	N	N	N	N	N	N	N
Pump 1	2-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	2-Speed J8	1-Speed J8	1-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8	2-Speed J8
Pump 2	2-Speed J1	1-Speed J1	1-Speed J1	1-Speed J1	2-Speed J1	2-Speed J1	2-Speed J1	1-Speed J10		1-Speed J1	1-Speed J1	1-Speed J10	N	N	N	1-Speed J1	2-Speed J1
Pump 3	N	N	N	N	1-Speed J10	1-Speed J10	1-Speed J10	1-Speed J1		N	N	1-Speed J1	N	N	N	N	N
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	Y J10	N	Y J10	N	N	N	N		Y J10	Y J10	N	Y J10	Y J10	N	N	N
Ozone	N	Y J9	Y J9	N	Y J9	N	N	Y J9		Y J9	Y J9	Y J9	N	N	Y J9	Y J9	Y J9
Option 1	Y J9	N	DB1	Y J9	N	Y J9	N	Y (J1)		Y (J1)	Y (J1)	Y (J1)	Y J9	Y J9	Y J10	Y J10	Y J10
Notes	DB1	DB1	DB1	DB1	DB1	DB1	DB1	DB1 and Y Cable		DB1 and Y Cable	DB1 and Y Cable	DB1 and Y Cable	No - Opt Asg	No - Opt Asg	No - Opt Asg	DB1 - No Opt Asg	DB1 - No Opt Asg



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NEO 1500 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	773-4119	773-4110	773-4110	773-4119	773-4119	773-4119	773-4110	773-4110		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	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	2-Speed J8	2-Speed J8	2-Speed J8
Pump 2	N	N	N	1-Speed J10	1-Speed J10	N	N	N		N	1-Speed (J8)	1-Speed J10	2-Speed J1	2-Speed J1	2-Speed J1	2-Speed J1	N
Pump 3	N	N	N	N	N	N	N	N		N	N	N	N	N	N	1-Speed J10	N
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	N		Y (J8)	N	N	Y J10	N	N	N	Y J10
Ozone	N	Y J10	N	N	N	N	Y J10	N		Y J10	Y J10	N	N	Y J10	N	N	Y J1
Option 1	N	N	Y J10	N	N	N	N	Y J10		N	N	Y (J8)	N	N	Y J10	N	N
Notes										Y Cable	Y Cable	Y Cable	DB1	DB1	DB1	DB1	DB1

NEO 1500 Controller with NEO 1100 TopSide Panel																	
PAGE 4 - 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	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	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
Pump 2	N	N	1-Speed J1	1-Speed J1	1-Speed J1	1-Speed J10	1-Speed J1	1-Speed J1		1-Speed J1	1-Speed (J8)	1-Speed (J8)	1-Speed (J8)	1-Speed (J8)	N	1-Speed J1	1-Speed J10
Pump 3	N	N	N	N	N	1-Speed J1	N	N		N	N	N	1-Speed J1	1-Speed J1	N	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 J10	N	N	Y (J1)	Y J10		N	Y J1	Y J1	N	N	Y J1	N	N
Ozone	N	Y J10	Y J10	N	N	N	Y J10	N		Y J10	Y J10	Y J10	Y J10	Y J10	Y J10	Y J10	N
Option 1	Y J1	Y J1	N	N	Y J10	N	N	Y (J1)		Y (J1)	N	Y (J1)	N	Y (J1)	Y (J1)	N	N
Notes	DB1	DB1	DB1	DB1	DB1	DB1	DB1 and Y Cable	DB1 and Y Cable		DB1 and Y Cable	DB1 and Y Cable	DB1 and Y Cable	DB1 and Y Cable	DB1 and Y Cable	DB1 and Y Cable	DB1 and Y Cable	DB1



NEO 1500

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NEO 1500 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	773-4119	773-4110	773-4110	773-4119	773-4119	773-4119	773-4110	773-4110		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	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	2-Speed J8	2-Speed J8	2-Speed J8
Pump 2	N	N	N	1-Speed J10	1-Speed J10	N	N	N		N	1-Speed (J8)	1-Speed J10	2-Speed J1	2-Speed J1	2-Speed J1	2-Speed J1	N
Pump 3	N	N	N	N	N	N	N	N		N	N	N	N	N	N	1-Speed J10	N
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	N		Y (J8)	N	N	Y J10	N	N	N	Y J10
Ozone	N	Y J10	N	N	N	N	Y J10	N		Y J10	Y J10	N	N	Y J10	N	N	Y J1
Option 1	N	N	Y J10	N	N	N	N	Y J10		N	N	Y (J8)	N	N	Y J10	N	N
Notes										Y Cable	Y Cable	Y Cable	DB1	DB1	DB1	DB1	DB1

NEO 1500 Controller with NEO 1100 TopSide Panel																	
PAGE 4 - 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	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	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
Pump 2	N	N	1-Speed J1	1-Speed J1	1-Speed J1	1-Speed J10	1-Speed J1	1-Speed J1		1-Speed J1	1-Speed (J8)	1-Speed (J8)	1-Speed (J8)	1-Speed (J8)	N	1-Speed J1	1-Speed J10
Pump 3	N	N	N	N	N	1-Speed J1	N	N		N	N	N	1-Speed J1	1-Speed J1	N	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 J10	N	N	Y (J1)	Y J10		N	Y J1	Y J1	N	N	Y J1	N	N
Ozone	N	Y J10	Y J10	N	N	N	Y J10	N		Y J10	Y J10	Y J10	Y J10	Y J10	Y J10	Y J10	N
Option 1	Y J1	Y J1	N	N	Y J10	N	N	Y (J1)		Y (J1)	N	Y (J1)	N	Y (J1)	Y (J1)	N	N
Notes	DB1	DB1	DB1	DB1	DB1	DB1	DB1 and Y Cable	DB1 and Y Cable		DB1 and Y Cable	DB1 and Y Cable	DB1 and Y Cable	DB1 and Y Cable	DB1 and Y Cable	DB1 and Y Cable	DB1 and Y Cable	DB1



NEO 1200

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NEO 1200 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	773-4108	773-4103	773-4108	773-4108	773-4103	773-4108	773-4108										
Circulation Pump	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	N	N	Y (Ozone relay) J9	N										
Pump 1	2-Speed J8	1-Speed J8	1-Speed J8	2-Speed J8	2-Speed J8	1-Speed J8	2-Speed J8										
Pump 2	N	N	N	N	N	N	N										
Pump 3	N	N	N	N	N	N	N										
Pump 4	N	N	N	N	N	N	N										
Blower	N	Y (J8)	N	N	Y J9	N	N										
Ozone	N	N	Y (J8)	Y J9	N	N	N										
Option 1	N	N	N	N	N	Y (J8)	Y J9										
Notes	No Pump High w/Heater on	No Pump or Blower w/Heater on; no Pump and Blower at same time. Note: Use “Y” adaptor for Blower output	No Pump High w/Heater on Note: Use “Y” adaptor for Ozone output	No Pump High w/Heater on Note: Use “Y” adaptor for Ozone output	No Pump High or Blower w/Heater on; no Pump High and Blower at same time. Note: Use “Y” adaptor for Blower output	Note: Use “Y” adaptor for option output											



NEO 1200

SPA CONTROL SYSTEM CONFIGURATIONS GUIDE

NEO 1200 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
Topside	773-4110	773-4119	773-4110	773-4110	773-4119	773-4110	773-4110	
Circulation Pump	Y (Ozone relay) J9	Y (Ozone relay) J9	Y (Ozone relay) J9	N	N	Y (Ozone relay) J9	N	
Pump 1	2-Speed J8	1-Speed J8	1-Speed J8	2-Speed J8	2-Speed J8	1-Speed J8	2-Speed J8	
Pump 2	N	N	N	N	N	N	N	
Pump 3	N	N	N	N	N	N	N	
Pump 4	N	N	N	N	N	N	N	
Blower	N	Y (J8)	N	N	Y J9	N	N	
Ozone	N	N	Y (J8)	Y J9	N	N	N	
Option 1	N	N	N	N	N	Y (J8)	Y J9	
Notes	No Pump High w/Heater on	No Pump or Blower w/Heater on; no Pump and Blower at same time. Note: Use "Y" adaptor for Blower output	No Pump High w/Heater on Note: Use "Y" adaptor for Ozone output	No Pump High w/Heater on Note: Use "Y" adaptor for Ozone output	No Pump High or Blower w/Heater on; no Pump High and Blower at same time. Note: Use "Y" adaptor for Blower output	Note: Use "Y" adaptor for option output		

NEO 1200 Controller with NEO 1000 TopSide Panel								
PAGE 1 - CIRC/NON-CIRC								
Features	Configuration #1	Configuration #2	Configuration #3	Configuration #4	Configuration #5	Configuration #6	Configuration #7	Configuration #8
Topside	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	N	N	Y (Ozone relay) J9	N	
Pump 1	2-Speed J8	1-Speed J8	1-Speed J8	2-Speed J8	2-Speed J8	1-Speed J8	2-Speed J8	
Pump 2	N	N	N	N	N	N	N	
Pump 3	N	N	N	N	N	N	N	
Pump 4	N	N	N	N	N	N	N	
Blower	N	Y (J8)	N	N	Y J9	N	N	
Ozone	N	N	Y (J8)	Y J9	N	N	N	
Option 1	N	N	N	N	N	Y (J8)	Y J9	
Notes	No Pump High w/Heater on	No Pump or Blower w/Heater on; no Pump and Blower at same time. Note: Use "Y" adaptor for Blower output	No Pump High w/Heater on Note: Use "Y" adaptor for Ozone output	No Pump High w/Heater on Note: Use "Y" adaptor for Ozone output	No Pump High or Blower w/Heater on; no Pump High and Blower at same time. Note: Use "Y" adaptor for Blower output	Note: Use "Y" adaptor for option output		