E SERIES ELECTRONIC DEMAND/METERED STAGER CONTROLLER PART NUMBER MATRIX

STAGER BLECTRONIC CONTROLLER SERIES 9 = 982 (Blattery Backup Capabate)	FILL IN PROPER DESIGNATIONS TO DETERMINE PRODUCT NUMBER:	E
** Sattary Baddup Capable with standard 9-viol battery—battery not included. STAGER ROTARY PILOT STAGER SERIES 49 = F-OR (Brass) 58 = F-OR (Brass) 59 = F-OR (Brass) 50 = F-	CONTROLLER ELECTRONIC CONTROLLER SERIES	1 -
STAGER ROTARY PLOT STAGER SERIES 48 = 6-Port (Resas) 59 = 16-Port (Resas) 58 = 16-Port (Resas) 59 = 16-Port (RevC) Program details. **You have substantiant Program (Indicated) TA = Twin Alternating Softener with Timed Brine Position & Switch Output	9 = 962 (Battery Backup Capable) *	
### ### ### #### #####################	* Battery Backup Capable with standard 9-volt battery—battery not included.	
### ### ### #### #####################		
STACER PROGRAM STACER PROGRAM NOTE: See following pages for 10- point (PVC)	STAGER ROTARY PILOT STAGER SERIES	
PROGRAM STAGER PROGRAM NOTE: See following pages for 700 to 99 = Skindard Proming indicated TA = Twin Alternating Softener with Timed Strine Position & Switch Output		
"NO to 99		
"NO to 99		
"SS = Special Per Drawing Indicated TA = Twin Alternating Softener with Service Lights on Front Panel "TB = Twin Alternating Softener with Timed Brine Position & Switch Output -OR-Twin Alternating Softener with Timed Brine Position & Switch Output -OR-Twin Alternating Softener with Timed Brine Position & Switch Output -OR-Twin Alternating Softener with Timed Brine Position & Switch Output -OR-Twin Alternating Softener with Timed Brine Position & Switch Output -OR-Twin Alternating Softener with Timed Brine Position & Switch Output -OR-Twin Alternating Softener with Timed Brine Position & Switch Output -OR-Twin Alternating Softener with Timed Brine -OR-Twin Alternating Softener with Softener -OR-Twin Alternating Softener -OR-Twin Alternating Softener with Timed Brine -OR-Twin Alternating Softener with Timed Brine -OR-Twin Alternating Softener -OR-Twin Alternat		
TA = Twin Alternating Softener with Timed Brine Position & Switch Output -OR - Twin Alternating Softener with Timed Brine Position & Switch Output -OR - Twin Alternating Softener with Timed Refull Position & Switch Output -OR - Twin Alternating Softener with Timed Refull Position & Switch Output -OR - Twin Alternating Softener with Timed Refull Position & Switch Output -OR - Twin Alternating Softener with Timed Refull Position & Switch Output -OR - Twin Alternating Softener with Timed Refull Position & Switch Output -OR - Twin Alternating Softener with Timed Refull Position & Switch Output -OR - Twin Alternating Softener with Timed Refull Position & Switch Output -OR - Twin Alternating Softener with Timed Refull Position & Switch Output -OR - Twin Alternating Softener with Timed Refull Position & Switch Output -OR - Twin Alternating Softener with Timed Refull Position & Switch Output -OR - NEMA AX Fiberglass Planel & Enclosure	00 to 99 - Standard	
-OR- Twin Alternating Filter Skipping Steps 2.3.7 & 8 "'TR = Twin Alternating Softener with Timed Refill Position & Switch Output * 2-character designation from standard stager drawing. * Special drawing number placed in last 5 digits of product number. "Tank in Service is indicated via the 6-digit display of the 962 controller. ENCLOSURE * NEMA RATING OF PANEL & ENCLOSURE F = NEMA 4X Fiberglass Panel & Enclosure ELECTRICAL * POWER REQUIRED TO OPERATE DEVICE (Field Configurable) 1 = 115V/95 or 60Hz 2 = 220V/50 or 60Hz 1st AUX * FIRST EXTRA SWITCH ON ROTARY PILOT STAGER SWITCH (Unless Special Drawing Number is Assigned) \$ = Service Return (Horbing) (NOT for 58-TA Stagers) W = Status Lights Cam (For 58-TA Stagers Only) 2nd AUX SACOND EXTRA SWITCH ON ROTARY PILOT STAGER (Wildess Special Drawing Number is Assigned) 0 = NONE (NOT Valid for 58-TA or 58-TB Stagers) * to Re Cam Position Switch Active (16 Or not used) * 'S = Service Return (Horbing) (NOT 68-TA Stagers Only) T = Timed Switch Output (For 58-TA & 58-TR Stagers Only) * Use a letter to indicate cam position, NOT a number. * Option S is standard on 58-TA Stagers (New Special Drawing Number Is Assigned) 0 = Standard (Vent to Open) 1 = Inverted (Pressure to Open) * RELAY OUTPUT (Unless Special Drawing Number Is Assigned) 0 = Standard (Vent to Open) 1 = Inverted (Pressure to Open) RELAY OUTPUT (Unless Special Drawing Number Is Assigned) O = None R = Relay Output Option (For Single Tank & Twin Alternating Only) (Provides a dry or powered set of contacts drivin Alternating Only) (Provides a dry or powered set of contacts drivin Alternating Only) (Provides a dry or powered set of contacts drivin Alternating Hardware. **STAGER** (EVISION (Unless Special Drawing Number Is Assigned) B = 48 & 61 Series Stagers		
"TR = Twin Alternating Softener with Timed Refill Position & Switch Output 2 - Chartgard designation from standard stager drowing "Special drawing number placed in last 5 digits of product number." "Tank in Service is indicated via the 6-digit display of the 962 controller. ENCLOSURE NEMA RATING OF PANEL & ENCLOSURE F = NEMA 4X Fiberglass Panel & Enclosure ELECTRICAL POWER REQUIRED TO OPERATE DEVICE (Field Configurable) 1 = 115/V50 or 60Hz 2 = 220/V50 or 60Hz 2 = 220/V50 or 60Hz 3		
"Special drawing number placed in last 5 digits of product number. "Tank in Service is indicated via the 6-digit display of the 962 controller. ENCLOSURE NEMA RATING OF PANEL & ENCLOSURE F = NEMA 4X Fiberglass Panel & Enclosure ELECTRICAL POWER REQUIRED TO OPERATE DEVICE (Field Configurable) 1 = 115V/50 or 80Hz 2 = 220V/550 or 60Hz 1st AUX FIRST EXTRA SWITCH ON ROTARY PILOT STAGER (Unless Special Drawing Number is Assigned) S = Service Return (Horning) (NOT for 58-TA Stagers) W = Status Lights Cam (For 58-TA Stagers) W = Status Lights Cam (For 58-TA Stagers) 2nd AUX SECOND EXTRA SWITCH ON ROTARY PILOT STAGER (Unless Special Drawing Number is Assigned) 0 = NONE (NOT Valid for 58-TA Stagers Only) ** A to R = Cam Position Switch Active (8 O not used) ** S = Service Return (Horning) (For 58-TA Stagers Only) 1 T = Timed Switch Output (For 58-TB Sagers Only) ** Use a letter to indicate cam position, NOT a number. ** Options is istandard on 58-TA Stagers only. PRESSURE PROGRAM OF STAGER (Unless Special Drawing Number is Assigned) 0 = Standard (Vent to Open) 1 = Inverted (Pressure to Open) RELAY ADDITIONAL RELAY OUTPUT DURING REGENERATION (Unless Special Drawing Number is Assigned) 0 = None R = Relay Output Option (For Single Tank & Twin Alternating Only) (Provides a dry or powered set of contacts during Service/Regeneration) SPDT Cities 12 VAC Contacts: 156/120VAC/28VDC, 104/240VAC NOTE: Relay also sold as kit PN QA-1077737. kit includes (1) Relay; (1) Socket, Mounting Hardware.		
#** Tank In Service is indicated via the 6-digit display of the 962 controller. ### ENCLOSURE NEMA RATING OF PANEL & ENCLOSURE	* 2-character designation from standard stager drawing.	
ENCLOSURE Service Reduce Service Return (Horning) (For SeT A Stagers)		
ELECTRICAL POWER REQUIRED TO OPERATE DEVICE (Field Configurable) 1 = 115V/50 or 60Hz 2 = 220V/50 or 60Hz 2 = 220V/50 or 60Hz 2 = 220V/50 or 60Hz SWITCH (Unless Special Drawing Number Is Assigned) S = Service Return (Homing) (NOT for 58-TA Stagers) W = Status Lights Cam (For 58-TA Stagers Only) 2nd AUX SECOND EXTRA SWITCH ON ROTARY PILOT STAGER SWITCH (Unless Special Drawing Number Is Assigned) 0 = NONE (NOT Valid for 58-TA or 58-TA Stagers) **A to R = Cam Position Switch Active (1 & O not used) "S = Service Return (Homing) (For 58-TA Stagers Only) T = Timed Switch Output (For 58-TA Stagers Only) "Use a letter to indicate cam position, NOT a number." "Option S is standard on 58-TA Stagers only. PRESSURE PROGRAM OF STAGER (Unless Special Drawing Number Is Assigned) 0 = Standard (Vent to Open) 1 = Inverted (Pressure to Open) RELAY ADDITIONAL RELAY OUTPUT DURING REGENERATION (Unless Special Drawing Number Is Assigned) 0 = None R = Relay Output Option (For Single Tank & Twin Alternating Only) (Provides a dry or powered set of contacts during Service/Regeneration) SPDT Cuit: 12 VAC Contacts: 15A/120VAC/28VDC, 10A/240VAC NOTE: Relay also sold as Kit Pin QA-1077737, Kit includes (1) Relay, (1) Socket, Mounting Hardware. STAGER REVISION (Unless Special Drawing Number Is Assigned) 8 = 48 & 51 Series Stagers	Tank in Service is indicated via the 6-digit display of the 962 controller.	
ELECTRICAL POWER REQUIRED TO OPERATE DEVICE (Field Configurable) 1 = 115V/50 or 60Hz 2 = 220V/50 or 60Hz 2 = 220V/50 or 60Hz 2 = 220V/50 or 60Hz SWITCH (Unless Special Drawing Number Is Assigned) S = Service Return (Homing) (NOT for 58-TA Stagers) W = Status Lights Cam (For 58-TA Stagers Only) 2nd AUX SECOND EXTRA SWITCH ON ROTARY PILOT STAGER SWITCH (Unless Special Drawing Number Is Assigned) 0 = NONE (NOT Valid for 58-TA Stagers Only) T = Timed Switch Output (For 58-TA Stagers Only) 1 Use a letter to indicate cam position, NOT a number. "Option S is standard on 58-TA Stagers only. PRESURE PROGRAM OF STAGER (Unless Special Drawing Number Is Assigned) 0 = Standard (Vent to Open) 1 = Inverted (Pressure to Open) RELAY ADDITIONAL RELAY OUTPUT DURING REGENERATION (Unless Special Drawing Number Is Assigned) O = None R = Relay Output Option (For Single Tank & Twin Alternating Only) (Provides a dry or powered set of contacts during Service/Regeneration) SPDT Coil: 12 VAC Contacts: 15A/120VAC/28VDC, 10A/240VAC NOTE: Relay also sold as Kit Pin QA-1077737, Kit includes (1) Relay, (1) Socket, Mounting Hardware. STAGER REVISION B = 48 & 51 Series Stagers	ENCLOSURE NEMA RATING OF PANEL & ENCLOSURE]
1 st AUX FIRST EXTRA SWITCH ON ROTARY PILOT STAGER WITCH (Unless Special Drawing Number Is Assigned) S = Service Return (Homing) (NOT for 58-TA Stagers) W = Status Lights Cam (For 58-TA Stagers Only) 2nd AUX SECOND EXTRA SWITCH ON ROTARY PILOT STAGER (Unless Special Drawing Number Is Assigned) 0 = NONE (NOT Valid for 58-TA or 58-TB Stagers) * A to R = Cam Position Switch Active (1 & O not used) "S = Service Return (Homing) (For 58-TA Stagers Only) T = Timed Switch Output (For 58-TA Stagers Only) * Use a letter to indicate cam position, NOT an umber. **Option S is standard or an SF-TA Stagers only. PRESSURE PROGRAM OF STAGER (Unless Special Drawing Number Is Assigned) 0 = Standard (Vent to Open) 1 = Inverted (Pressure to Open) RELAY ADDITIONAL RELAY OUTPUT DURING REGENERATION (Unless Special Drawing Number is Assigned) 0 = None R = Relay Output Option (For Single Tank & Twin Alternating Only) (Provides a dry or powered set of contacts during Service/Regeneration) SPDT Coli: 12 VAC Contacts: 15A/120VAC/28VDC, 10A/240VAC NOTE: Relay also sold as Kit PiN OA-1077737. Kit includes (1) Relay, (1) Socket, Mounting Hardware.	F = NEMA 4X Fiberglass Panel & Enclosure	·
1 st AUX FIRST EXTRA SWITCH ON ROTARY PILOT STAGER WITCH (Unless Special Drawing Number Is Assigned) S = Service Return (Homing) (NOT for 58-TA Stagers) W = Status Lights Cam (For 58-TA Stagers Only) 2nd AUX SECOND EXTRA SWITCH ON ROTARY PILOT STAGER (Unless Special Drawing Number Is Assigned) 0 = NONE (NOT Valid for 58-TA or 58-TB Stagers) * A to R = Cam Position Switch Active (1 & O not used) "S = Service Return (Homing) (For 58-TA Stagers Only) T = Timed Switch Output (For 58-TA Stagers Only) * Use a letter to indicate cam position, NOT an umber. **Option S is standard or an SF-TA Stagers only. PRESSURE PROGRAM OF STAGER (Unless Special Drawing Number Is Assigned) 0 = Standard (Vent to Open) 1 = Inverted (Pressure to Open) RELAY ADDITIONAL RELAY OUTPUT DURING REGENERATION (Unless Special Drawing Number is Assigned) 0 = None R = Relay Output Option (For Single Tank & Twin Alternating Only) (Provides a dry or powered set of contacts during Service/Regeneration) SPDT Coli: 12 VAC Contacts: 15A/120VAC/28VDC, 10A/240VAC NOTE: Relay also sold as Kit PiN OA-1077737. Kit includes (1) Relay, (1) Socket, Mounting Hardware.		
1st AUX FIRST EXTRA SWITCH ON ROTARY PILOT STAGER (Unless Special Drawing Number Is Assigned) S = Service Return (Homing) (NOT for 58-TA Stagers) W = Status Lights Cam (For 58-TA Stagers Only) 2nd AUX SECOND EXTRA SWITCH ON ROTARY PILOT STAGER (Unless Special Drawing Number Is Assigned) 0 = NONE (NOT Valid for 58-TA Stagers) *A to R = Cam Position Switch Active (it & On to used) **S = Service Return (Homing) (For 58-TA Stagers) *A to R = Cam Position Switch Active (it & On to used) **S = Service Return (Homing) (For 58-TA Stagers Only) T = Timed Switch Output (For 58-TB & 58-TR Stagers Only) *Use a letter to indicate cam position, NOT a number. *Option S is standard on 58-TA Stagers only. PRESSURE PROGRAM OF STAGER (Unless Special Drawing Number Is Assigned) 0 = Standard (Vent to Open) RELAY ADDITIONAL RELAY OUTPUT DURING REGENERATION (Unless Special Drawing Number Is Assigned) 0 = None R = Relay Output Option (For Single Tank & Twin Alternating Only) (Provides a dry or powered set of contacts during Service/Regeneration) SPDT Coli: 12 VAC Contacts: 15A/120VAC/28VDC, 10A/240VAC NOTE: Relay also sold as Kit P/N QA-1077737. Kit includes (1) Relay, (1) Socket, Mounting Hardware. STAGER REVISION (Unless Special Drawing Number Is Assigned) B = 48 & 51 Series Stagers	ELECTRICAL POWER REQUIRED TO OPERATE DEVICE (Field Configurable)	
1st AUX FIRST EXTRA SWITCH ON ROTARY PILOT STAGER SWITCH (Unless Special Drawing Number Is Assigned) S = Service Return (Homing) (NOT for 58-TA Stagers) W = Status Lights Cam (For 58-TA Stagers Only) 2nd AUX SECOND EXTRA SWITCH ON ROTARY PILOT STAGER SWITCH (Unless Special Drawing Number Is Assigned) 0 = NONE (NOT Valid for 58-TA or 58-TA Stagers) *A to R = Cam Position Switch Active (I & O not used) **S = Service Return (Homing) (For 58-TA 8 Septers Only) T = Timed Switch Output (For 58-TA 8 Septers Only) *Use a letter to indicate cam position, NOT a number. **Option S is standard on 58-TA Stagers only. PRESSURE PROGRAM OF STAGER (Unless Special Drawing Number Is Assigned) 0 = Standard (Vent to Open) RELAY ADDITIONAL RELAY OUTPUT DURING REGENERATION (Unless Special Drawing Number Is Assigned) 0 = None R = Relay Output Option (For Single Tank & Twin Alternating Only) (Provides a dry or powered set of contacts during Service/Regeneration) SPDT Coil: 12 VAC Contacts: 15A/120VAC/28VDC, 10A/240VAC NOTE: Relay also sold as Kit P/N QA-1077737. Kit includes (1) Relay, (1) Socket, Mounting Hardware. STAGER REVISION (Unless Special Drawing Number Is Assigned) B = 48 & 51 Series Stagers		
SWITCH (Unless Special Drawing Number Is Assigned) S = Service Return (Homing) (NOT for 58-TA Stagers) W = Status Lights Cam (For 58-TA Stagers Only) 2nd AUX	2 = 220V/50 or 60Hz	
SWITCH (Unless Special Drawing Number Is Assigned) S = Service Return (Homing) (NOT for 58-TA Stagers) W = Status Lights Cam (For 58-TA Stagers Only) 2nd AUX	1st AUX FIRST EXTRA SWITCH ON ROTARY PILOT STAGER]
W = Status Lights Cam (For 58-TA Stagers Only) 2nd AUX SECOND EXTRA SWITCH ON ROTARY PILOT STAGER SWITCH (Unless Special Drawing Number Is Assigned) 0 = NONE (NOT Valid for 58-TA or 58-TB Stagers) 1 to R = Cam Position Switch Active (i & O not used) **S = Service Return (Homing) (For 58-TA Stagers Only) T = Timed Switch Output (For 58-TB & 58-TR Stagers Only) **Use a letter to indicate cam position, NOT a number. **Option S is standard on 58-TA Stagers only. PRESSURE PROGRAM OF STAGER (Unless Special Drawing Number Is Assigned) 0 = Standard (Vent to Open) 1 = Inverted (Pressure to Open) RELAY ADDITIONAL RELAY OUTPUT DURING REGENERATION (Unless Special Drawing Number Is Assigned) 0 = None R = Relay Output Option (For Single Tank & Twin Alternating Only) (Provides a dry or powered set of contacts during Service/Regeneration) SPDT Coli: 12 VAC Contacts: 15A/120VAC/28VDC, 10A/240VAC NOTE: Relay also sold as Kit P/N QA-1077737. Kit includes (1) Relay, (1) Socket, Mounting Hardware. STAGER EVISION (Unless Special Drawing Number Is Assigned) B = 48 & 51 Series Stagers		
2nd AUX SECOND EXTRA SWITCH ON ROTARY PILOT STAGER SWITCH (Unless Special Drawing Number Is Assigned) 0 = NONE (NOT Valid for 58-TA or 58-TB Stagers) *A to R = Cam Position Switch Active (I & O not used) **S = Service Return (Homing) (For 58-TA Stagers Only) T = Timed Switch Output (For 58-TB & 58-TR Stagers Only) * Use a letter to indicate cam position, NOT a number. **Option S is standard on 58-TA Stagers only. PRESSURE PROGRAM OF STAGER (Unless Special Drawing Number Is Assigned) 0 = Standard (Vent to Open) 1 = Inverted (Pressure to Open) RELAY ADDITIONAL RELAY OUTPUT DURING REGENERATION (Unless Special Drawing Number Is Assigned) 0 = None R = Relay Output Option (For Single Tank & Twin Alternating Only) (Provides a dry or powered set of contacts during Service/Regeneration) SPDT Coil: 12 VAC Contacts: 15A/120VAC/28VDC, 10A/240VAC NOTE: Relay also sold as Kit P/N QA-1077737. Kit includes (1) Relay. (1) Socket, Mounting Hardware. STAGER REVISION (Unless Special Drawing Number Is Assigned) B = 48 & 51 Series Stagers		
SWITCH (Unless Special Drawing Number Is Assigned) 0 = NONE (NOT Valid for 58-TA or 58-TB Stagers) *A to R = Cam Position Switch Active (Is O not used) **S = Service Return (Homing) (For 58-TA Stagers Only) T = Timed Switch Output (For 58-TB & 58-TR Stagers Only) *Use a letter to indicate cam position, NOT a number. **Option S is standard on 58-TA Stagers only. PRESSURE PROGRAM OF STAGER (Unless Special Drawing Number Is Assigned) 0 = Standard (Vent to Open) 1 = Inverted (Pressure to Open) RELAY ADDITIONAL RELAY OUTPUT DURING REGENERATION (Unless Special Drawing Number Is Assigned) 0 = None R = Relay Output Option (For Single Tank & Twin Alternating Only) (Provides a dry or powered set of contacts during Service/Regeneration) SPDT Coli: 12 VAC Contacts: 15A/120VAC/28VDC, 10A/240VAC NOTE: Relay also sold as Kit P/N QA-1077737. Kit includes (1) Relay, (1) Socket, Mounting Hardware. STAGER REVISION (Unless Special Drawing Number Is Assigned) B = 48 & 51 Series Stagers	W = Status Lights Cam (For 58-1A Stagers Only)	
0 = NONE (NOT Valid for 58-TA or 58-TB Stagers) * A to R = Cam Position Switch Active (I & O not used) **S = Service Return (Homing) (For 58-TA Stagers Only) T = Timed Switch Output (For 58-TB & 58-TR Stagers Only) * Use a letter to indicate cam position, NOT a number. **Option S is standard on 58-TA Stagers only. PRESSURE PROGRAM OF STAGER (Unless Special Drawing Number Is Assigned) 0 = Standard (Vent to Open) 1 = Inverted (Pressure to Open) RELAY ADDITIONAL RELAY OUTPUT DURING REGENERATION (Unless Special Drawing Number Is Assigned) 0 = None R = Relay Output Option (For Single Tank & Twin Alternating Only) (Provides a dry or powered set of contacts during Service/Regeneration) SPDT Coll: 12 VAC Contacts: 15A/120VAC/28VDC, 10A/240VAC NOTE: Relay also sold as Kit P/N QA-1077737. Kit includes (1) Relay, (1) Socket, Mounting Hardware. STAGER REVISION (Unless Special Drawing Number Is Assigned) B = 48 & 51 Series Stagers	2nd AUX SECOND EXTRA SWITCH ON ROTARY PILOT STAGER]
*A to R = Cam Position Switch Active (I & O not used) **S = Service Returm (Homing) (For 58-TA Stagers Only) T = Timed Switch Output (For 58-TB & 58-TR Stagers Only) *Use a letter to indicate cam position, NOT a number. **Option S is standard on 58-TA Stagers only. PRESSURE PROGRAM OF STAGER (Unless Special Drawing Number Is Assigned) 0 = Standard (Vent to Open) 1 = Inverted (Pressure to Open) RELAY ADDITIONAL RELAY OUTPUT DURING REGENERATION OUTPUT (Unless Special Drawing Number Is Assigned) 0 = None R = Relay Output Option (For Single Tank & Twin Alternating Only) (Provides a dry or powered set of contacts during Service/Regeneration) SPDT Coil: 12 VAC Contacts: 15A/120VAC/28VDC, 10A/240VAC NOTE: Relay also sold as Kit P/N QA-1077737. Kit includes (1) Relay, (1) Socket, Mounting Hardware. STAGER REVISION (Unless Special Drawing Number Is Assigned) B = 48 & 51 Series Stagers	SWITCH (Unless Special Drawing Number Is Assigned)	
**S = Service Return (Homing) (For 58-TA Stagers Only) T = Timed Switch Output (For 58-TB & 58-TR Stagers Only) * Use a letter to indicate cam position, NOT a number. **Option S is standard on 58-TA Stagers only. PRESSURE PROGRAM OF STAGER (Unless Special Drawing Number Is Assigned) 0 = Standard (Vent to Open) 1 = Inverted (Pressure to Open) RELAY ADDITIONAL RELAY OUTPUT DURING REGENERATION OUTPUT (Unless Special Drawing Number Is Assigned) 0 = None R = Relay Output Option (For Single Tank & Twin Alternating Only) (Provides a dry or powered set of contacts during Service/Regeneration) SPDT Coil: 12 VAC Contacts: 15A/120VAC/28VDC, 10A/240VAC NOTE: Relay also sold as Kit P/N QA-1077737. Kit includes (1) Relay, (1) Socket, Mounting Hardware. STAGER REVISION (Unless Special Drawing Number Is Assigned) B = 48 & 51 Series Stagers		
T = Timed Switch Output (For 58-TB & 58-TR Stagers Only) * Use a letter to indicate cam position, NOT a number. ** Option S is standard on 58-TA Stagers only. PRESSURE PROGRAM OF STAGER (Unless Special Drawing Number Is Assigned) 0 = Standard (Vent to Open) 1 = Inverted (Pressure to Open) RELAY ADDITIONAL RELAY OUTPUT DURING REGENERATION OUTPUT (Unless Special Drawing Number Is Assigned) 0 = None R = Relay Output Option (For Single Tank & Twin Alternating Only) (Provides a dry or powered set of contacts during Service/Regeneration) SPDT Coil: 12 VAC Contacts: 15A/120VAC/28VDC, 10A/240VAC NOTE: Relay also sold as Kit P/N QA-1077737. Kit includes (1) Relay, (1) Socket, Mounting Hardware. STAGER REVISION (Unless Special Drawing Number Is Assigned) B = 48 & 51 Series Stagers		
PRESSURE PROGRAM OF STAGER (Unless Special Drawing Number Is Assigned) 0 = Standard (Vent to Open) 1 = Inverted (Pressure to Open) RELAY ADDITIONAL RELAY OUTPUT DURING REGENERATION OUTPUT (Unless Special Drawing Number Is Assigned) 0 = None R = Relay Output Option (For Single Tank & Twin Alternating Only) (Provides a dry or powered set of contacts during Service/Regeneration) SPDT Coil: 12 VAC Contacts: 15A/120VAC/28VDC, 10A/240VAC NOTE: Relay also sold as Kit P/N QA-1077737. Kit includes (1) Relay, (1) Socket, Mounting Hardware. STAGER REVISION (Unless Special Drawing Number Is Assigned) B = 48 & 51 Series Stagers		
PRESSURE PROGRAM OF STAGER (Unless Special Drawing Number Is Assigned) 0 = Standard (Vent to Open) 1 = Inverted (Pressure to Open) RELAY ADDITIONAL RELAY OUTPUT DURING REGENERATION (Unless Special Drawing Number Is Assigned) 0 = None R = Relay Output Option (For Single Tank & Twin Alternating Only) (Provides a dry or powered set of contacts during Service/Regeneration) SPDT Coil: 12 VAC Contacts: 15A/120VAC/28VDC, 10A/240VAC NOTE: Relay also sold as Kit P/N QA-1077737. Kit includes (1) Relay, (1) Socket, Mounting Hardware. STAGER REVISION (Unless Special Drawing Number Is Assigned) B = 48 & 51 Series Stagers		
RELAY ADDITIONAL RELAY OUTPUT DURING REGENERATION OUTPUT (Unless Special Drawing Number Is Assigned) 0 = None R = Relay Output Option (For Single Tank & Twin Alternating Only) (Provides a dry or powered set of contacts during Service/Regeneration) SPDT Coil: 12 VAC Contacts: 15A/120VAC/28VDC, 10A/240VAC NOTE: Relay also sold as Kit P/N QA-1077737. Kit includes (1) Relay, (1) Socket, Mounting Hardware. STAGER REVISION (Unless Special Drawing Number Is Assigned) B = 48 & 51 Series Stagers	Option S is standard on 58-1A Stagers only.]
RELAY ADDITIONAL RELAY OUTPUT DURING REGENERATION OUTPUT (Unless Special Drawing Number Is Assigned) 0 = None R = Relay Output Option (For Single Tank & Twin Alternating Only) (Provides a dry or powered set of contacts during Service/Regeneration) SPDT Coii: 12 VAC Contacts: 15A/120VAC/28VDC, 10A/240VAC NOTE: Relay also sold as Kit P/N QA-1077737. Kit includes (1) Relay, (1) Socket, Mounting Hardware. STAGER REVISION (Unless Special Drawing Number Is Assigned) B = 48 & 51 Series Stagers	PRESSURE PROGRAM OF STAGER (Unless Special Drawing Number Is Assigned)]
RELAY ADDITIONAL RELAY OUTPUT DURING REGENERATION OUTPUT (Unless Special Drawing Number Is Assigned) 0 = None R = Relay Output Option (For Single Tank & Twin Alternating Only) (Provides a dry or powered set of contacts during Service/Regeneration) SPDT Coil: 12 VAC Contacts: 15A/120VAC/28VDC, 10A/240VAC NOTE: Relay also sold as Kit P/N QA-1077737. Kit includes (1) Relay, (1) Socket, Mounting Hardware. STAGER REVISION (Unless Special Drawing Number Is Assigned) B = 48 & 51 Series Stagers	0 = Standard (Vent to Open)	
OUTPUT (Unless Special Drawing Number Is Assigned) 0 = None R = Relay Output Option (For Single Tank & Twin Alternating Only) (Provides a dry or powered set of contacts during Service/Regeneration) SPDT Coil: 12 VAC Contacts: 15A/120VAC/28VDC, 10A/240VAC NOTE: Relay also sold as Kit P/N QA-1077737. Kit includes (1) Relay, (1) Socket, Mounting Hardware. STAGER REVISION (Unless Special Drawing Number Is Assigned) B = 48 & 51 Series Stagers	1 = Inverted (Pressure to Open)	
OUTPUT (Unless Special Drawing Number Is Assigned) 0 = None R = Relay Output Option (For Single Tank & Twin Alternating Only) (Provides a dry or powered set of contacts during Service/Regeneration) SPDT Coil: 12 VAC Contacts: 15A/120VAC/28VDC, 10A/240VAC NOTE: Relay also sold as Kit P/N QA-1077737. Kit includes (1) Relay, (1) Socket, Mounting Hardware. STAGER REVISION (Unless Special Drawing Number Is Assigned) B = 48 & 51 Series Stagers	RELAY ADDITIONAL RELAY OUTDUIT DURING PECEMERATION]
R = Relay Output Option (For Single Tank & Twin Alternating Only) (Provides a dry or powered set of contacts during Service/Regeneration) SPDT Coil: 12 VAC Contacts: 15A/120VAC/28VDC, 10A/240VAC NOTE: Relay also sold as Kit P/N QA-1077737. Kit includes (1) Relay, (1) Socket, Mounting Hardware. STAGER REVISION (Unless Special Drawing Number Is Assigned) B = 48 & 51 Series Stagers		
(Provides a dry or powered set of contacts during Service/Regeneration) SPDT Coil: 12 VAC Contacts: 15A/120VAC/28VDC, 10A/240VAC NOTE: Relay also sold as Kit P/N QA-1077737. Kit includes (1) Relay, (1) Socket, Mounting Hardware. STAGER REVISION (Unless Special Drawing Number Is Assigned) B = 48 & 51 Series Stagers		
SPDT Coil: 12 VAC Contacts: 15A/120VAC/28VDC, 10A/240VAC NOTE: Relay also sold as Kit P/N QA-1077737. Kit includes (1) Relay, (1) Socket, Mounting Hardware. STAGER REVISION (Unless Special Drawing Number Is Assigned) B = 48 & 51 Series Stagers		
Contacts: 15A/120VAC/28VDC, 10A/240VAC NOTE: Relay also sold as Kit P/N QA-1077737. Kit includes (1) Relay, (1) Socket, Mounting Hardware. STAGER REVISION (Unless Special Drawing Number Is Assigned) B = 48 & 51 Series Stagers	SPDT	
NOTE: Relay also sold as Kit P/N QA-1077737. Kit includes (1) Relay, (1) Socket, Mounting Hardware. STAGER REVISION (Unless Special Drawing Number Is Assigned) B = 48 & 51 Series Stagers		
STAGER REVISION (Unless Special Drawing Number Is Assigned) B = 48 & 51 Series Stagers		
REVISION (Unless Special Drawing Number Is Assigned) B = 48 & 51 Series Stagers	NOTE. Nelay also sold as NICE/IN QA-10/1/31. NICHIGUDES (1) Relay, (1) Socket, Mounting Hardware.	
B = 48 & 51 Series Stagers	STAGER	
	B = 48 & 51 Series Stagers C = 58 Series Stagers	

SERIES 48 STANDARD STAGER PROGRAMS

					PORTS VENTE	D IN POSITION					
			0	1	2	3	4	5	1		
STAGER PROGRAM	# POS.		Α	В	С	D	E	F	REF. DWG NO.	FUNCTION	
00	4	POSITION	SVC	_	BW	_	BSR	FR	4900DDCM	4 DOC COFTENED	
00	4	PORTS VENTED	1, 2	_	3, 4	_	5, 6	1, 6	4800PRGM	4 POS. SOFTENER	
01	3	POSITION	SVC	_	BW	_	_	FR	4904DDCM	2 DOC EUTED	
UΙ	3	PORTS VENTED	1, 2	_	3, 4	_	_	1, 6	4801PRGM	3 POS. FILTER	
N2 *	4	POSITION	SVC	_	BW	_	BSR	FR	4902DDCM	4 POS. SOFTENER	
03*	4	PORTS VENTED	1, 2	_	3, 4	_	5, 6	1, 6	4803PRGM	(BUTTERFLY CAM)	
04*	2	POSITION	SVC	_	BW	_	_	_	4904DDCM	2 DOS EUTED	
U 4		PORTS VENTED	1, 2	_	3, 4	_	_	_	4804PRGM	2 POS. FILTER	
12*	4	POSITION	SVC	_	BW -or- ASC	BSR -or- BW	_	FR	4812PRGM	4 POS. FILTER W/ AIR SCOUR	
12	4	PORTS VENTED	1, 2	_	3, 4	4, 5	_	1, 6	4612PRGW	or 4 POS. UPFLOW SOFTENER	
02	1	POSITION	BW2	BW3	_	_	SVC	BW1	4002DDCM	3 TANK SEQUENTIAL FILTER	
83	4	PORTS VENTED	2	3	_	_	6	1	4883PRGM		
84	_	POSITION	BW2	BW3	BW4	_	SVC	BW1	4004DDOM	4 TANK OF OUT NITIAL FUTER	
	5	PORTS VENTED	2	3	4	_	6	1	4884PRGM	4 TANK SEQUENTIAL FILTER	
0.5	_	POSITION	BW2	BW3	BW4	BW5	SVC	BW1	400500004	F TANK OF OUT NITIAL EVITED	
85	6	PORTS VENTED	2	3	4	5	6	1	4885PRGM	1 5 TANK SEQUENTIAL FILTER	

SVCA

POSITION

PORTS VENTED

 TA^*

ASC = AIR SCOUR SVC = SERVICE

SVCB

BSR = BRINE / SLOW RINSE SVCA = SERVICE UNIT A

48TAPRGM

2 TANK ALTERNATOR

BW = BACKWASH SVCB = SERVICE UNIT B

FR = FAST RINSE

^{*} STAGER PROGRAM FOR USE WITH E SERIES (AQUAMATIC 962) CONTROLLER ONLY.

SERIES 51 STANDARD STAGER PROGRAMS

	PORTS VENTED IN POSITION																		
			0	1	2	3	4	5	6	7									
STAGER PROGRAM	# POS.		Α	В	С	D	E	F	G	н	REF. DWG NO.	FUNCTION							
0.0		POSITION	SVC		BW	_	BRD	SR	FR	REF	5106PRGM	6 POSITION SOFTENER							
06	6	PORTS VENTED	1, 2	_	4	_	5, 6, 7	6, 7	1, 7	1, 2, 8	-or- 9606PRGM	(TIMED DRAW & REFILL)							
0.7	_	POSITION	SVC	_	BW	_	BRD	SR	FR	_	5107PRGM	5 POSITION SOFTENER							
07	5	PORTS VENTED	1, 2	_	4	_	5, 6, 7	6, 7	1, 7	_	-or- 9607PRGM	/TIMED DDAMA							
00	_	POSITION	SVC		_	BW	BSR	_	FR	REF	5109PRGM	5 POSITION SOFTENER							
09	5	PORTS VENTED	1, 3	_	_	4	5, 7	_	1, 7	1, 8	-or- 9609PRGM	(TIMED DEFILE)							
40	5	POSITION	SVC		BW	FRA		_	BW2	FRB	5110PRGM	2 TANK SEQUENTIAL FILTER (BACKWASH & FAST RINSE)							
10		PORTS VENTED	1, 2, 5, 6	_	5, 6, 7	1, 5, 6, 8	_	_	1, 2, 3	1, 2, 4, 5	-or- 9610PRGM								
44		POSITION	SVC		DRD	_	ASC	BW	_	FR	5111PRGM								
11	/	PORTS VENTED	2, 3	_	1, 4	_	4, 6, 7	4, 7, 8	_	1, 2	-or- 9611PRGM	FILTER WITH AIR SCOUR							
40*		POSITION	SVC	BW	_	BRD	DISP	RECL	FR	_	5112PRGM								
12*	6	PORTS VENTED	1, 8	2	_	4, 5	4, 5	5, 6	4, 8	_	-or- 9612PRGM	BRINE RECYCLE SOFTENER							
86		POSITION	SVC	BW1	BW2	BW3	BW4	BW5	BW6	_	5186PRGM								
	7	PORTS VENTED	8	1	2	3	4	5	6	_	-or- 9686PRGM	6 TANK SEQUENTIAL FILTER							
0.7		POSITION	BW1	BW2	BW3	BW4	BW5	BW6	BW7	SVC	5187PRGM								
87	8	8	8	8	8	8	8	8	PORTS VENTED	1	2	3	4	5	6	7	8	-or- 9687PRGM	7 TANK SEQUENTIAL FILTER

^{*} STAGER PROGRAM FOR USE WITH E SERIES (AQUAMATIC 962) CONTROLLER ONLY.

ASC = AIR SCOUR SVC = SERVICE

BSR = BRINE / SLOW RINSE SVCA = SERVICE UNIT A

BW = BACKWASH SVCB = SERVICE UNIT B

FR = FAST RINSE

SERIES 58 STANDARD STAGER PROGRAMS

			PORTS VENTED IN POSITION																	
			0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
STAGER PROGRAM	# POS.		Α	В	С	D	E	F	G	Н	J	K	L	М	N	Р	Q	R	REF. DWG NO.	FUNCTION
00 *		POSITION	SVC	_	_	CBW	_	_	INJ	CSR	CFR	ABW	_	_	ADR	ASR	AFR	_	5800	
00 *	9	PORTS VENTED	1, 15, 16	_	_	2, 3	_	_	5, 6, 7	6, 7	1, 7	1, 10	_	_	1, 11, 12, 13	1, 12, 13	1, 13, 15	_	PRGM	
04*		POSITION	SVC	_	_	_	_	_	_	_	_	_	DRD	ASC	_	BW	_	FR	5801	5 POS. FILTER.
01*	5	PORTS VENTED	3, 4, 5, 6, 7, 8, 9, 10	_	_	_	_	_	_	_	_	_	7,8,9,10, 11,12,13,14	5,8,9,10, 11,12,14,15	_	1,5,6,7,10, 11,12,16	_	2, 3, 5, 6, 7, 8, 9, 12	PRGM	DBL. ACTING VALVES
00 *		POSITION	SVC		_	CBW	_	_	CDR	CSR	CFR	ABW	_	_	ADR	ASR	AFR	_	5802	2 BED DI UNIT. OUTLET
02*	9	PORTS VENTED	1, 2, 3, 16	_	_	4	_	_	6, 7, 8	7, 8	1, 8	1, 3, 11	_	_	1, 3, 12, 13, 14	1, 3, 13, 14	1, 3, 14, 16	_	PRGM	VALVE ON CATION UNIT
00	7	POSITION	SVC	_	BW1	FR1	-	_	BW2	FR2	_	_	BW3	FR3	_	_	_	_	5803	3 TANK SEQ. FILTER, BW & FAST RINSE
03		PORTS VENTED	2, 4, 6, 7, 9, 11	_	1, 6, 7, 9, 11	2, 6, 7, 9, 11, 12	_	_	2, 4, 5, 9, 11	2, 4, 6, 9, 11, 16	_	_	2, 3, 4, 6, 7	2, 4, 6, 7, 9, 10	_	_	_	_	PRGM	
		POSITION	SVC	_	BW1	FR1	_	_	BW2	FR2	_	_	BW3	FR3	_	_	BW4	FR4	5804	4 TANK SEQ. FILTER.
04	9	PORTS VENTED	2,4,6,7,9, 11,14,15	_	1, 6, 7, 9, 11, 14, 15	2,6,7,9,11, 12,14,15	_	_	2, 4, 5, 9, 11, 14, 15	2,4,6,9,11, 14,15,16	_	_	2, 3, 4, 6, 7, 14, 15	2,4,6,7,9, 10,14,15	_	_	2, 4, 6, 7, 9, 11, 13	2, 4, 6, 7, 8, 9, 11, 14	PRGM	BW & FAST RINSE
		POSITION	SVC	_	BW	_	INJ	DISP	FR	DRN	_	AM	AMD	_	REF	_	_	FNR	5807	MIXED BED DI UNIT.
07	10	PORTS VENTED	11, 12	_	1, 13	_	1, 3, 15, 16	1, 3, 16	1, 3, 11	3, 7	_	5, 7	3, 5, 7	_	7, 11	_	_	10, 11	PRGM	SIMULTANEOUS REGEN
40*		POSITION	SVC	_	BW	SET	_	CDR	CSR	_	ADR	ASR	AFR	_	DRD	AM	_	FNR	5810	
10 *	11	PORTS VENTED	15, 16	_	1	(NONE)	_	4, 5, 9	5, 9	_	7, 8, 9	8, 9	9, 10	_	9, 12	12, 13	_	14, 15	PRGM	MIXED BED DI UNIT
		POSITION	SVCA	_	_	BWA	BSRA	_	_	FRA	SBA	_	_	_	_	BWB	BSRB	FRB	58TA	2 UNIT ALTERNATING
TA	8	PORTS VENTED	1, 2, 8, 16	_	_	6, 8, 11	5, 7, 8, 11	_	_	7, 8, 11, 16	8, 11, 16	_	_	_	_	2, 13, 16	1, 2, 15, 16	2, 8, 15, 16	PRGM	SOFTENER
-D+		POSITION	SVCA	_	_	BWA	_	BRD	SR	FRA	SBA	_	_	BWB	_	BRD	SR	FRA	58TB	2 TANK ALTERNATOR
TB*	10	PORTS VENTED	6, 14, 16	_	_	1, 2, 6, 8	_	4, 5, 6, 8	4, 5, 6, 8	5, 6, 8, 14	6, 8, 14	_	_	9, 10, 14, 16	_	12, 13, 14, 16	12, 13, 14, 16	6, 13, 14, 16	PRGM	WITH TIMED BRINE

^{*} STAGER PROGRAM FOR USE WITH E SERIES (AQUAMATIC 962) CONTROLLER ONLY.

ABW = ANION BACKWASH

ADR = ANION DRAW

AM = AIR MIX

AMD = AIR MIX & DRAIN DOWN

ASC = AIR SCOUR

ASR = ANION SLOW RINSE

AFR = ANION FAST RINSE

BW = BACKWASH

BWA = BACKWASH UNIT A

BWB = BACKWAS UNIT B

BRD = BRINE DRAW

BSR = BRINE / SLOW RINSE

BSRA = BRINE / SLOW RINSE UNIT A

BSRB = BRINE / SLOW RINSE UNIT B

CBW = CATION BACKWASH

CDR = CATION DRAW

CFR = CATION FAST RINSE

CSR = CATION SLOW RINSE

DRD = DRAIN DOWN

DISP = DISPLACE

FR = FAST RINSE

FRA = FAST RINSE UNIT A

FRB = FAST RINSE UNIT B

FNR = FINAL RINSE

INJ = INJECT

RECL = RECLAIM

REF = REFILL

SBA = STANDBY UNIT A

SBB = STANDBY UNIT B

SET = SETTLE

SR = SLOW RINSE

SVC = SERVICE

SVCA = SERVICE UNIT A

SVCB = SERVICE UNIT B