

STAGER MODEL NUMBER SELECTION

PROGRAM (SEE STAGER PROGRAM CHARTS)

*00 - 99 = STANDARD
 **SS = SPECIAL Program per Drawing Indicated
 TA = Twin Alternating Softener (Model 48, 58 and 59 Only)
 ^TB = Twin Alternating Softener (w/ Timed Brine Pos. & switch output only)
 ^TR = Twin Alternating Softener (w/ Timed Refill)

* Two character designation for standard stager program.
 ** Special Drawing number placed in last 5 digits of model number.
 (Special Drawing number also used for Aux. Sw. notched in more than 1 position)
 ^ For models 58 and 59 stagers used in 962 Stager Controller ONLY

ELECTRICAL Power Required to Operate Device

1 = 115 Volts / **60 Hertz** for 48 & 51 Stagers
 115 Volts **50 or 60 Hertz** for 58, 59 & 96 Stagers
 2 = 220 Volts / **50 or 60 Hertz** for ALL STAGERS
 5 = 24 Volts / 50 or 60 Hertz for ALL STAGERS
 * 9 = 12 Volts / 50 or 60 Hertz for ALL STAGERS

*** (Option 9 is ONLY valid if used with a 962 stager controller)**

2nd AUX. SWITCH (SEE STAGER PROGRAM CHARTS)
 Second Extra Switch to be provided on Stager
 (Unless Special Drawing Number is Assigned)

0 = NONE
 **A to R = CAM POSITION Switch is to be active (I & O not used)
 S = SERVICE Return (Homing)
 T = TIMED BRINE OUTPUT (58-TB & 59-TB Only, signal in Pos. 2 & 7)
 Z = BLANK CAM (no notches)

* Use a Letter to indicate Cam position Not a Number.
 ^ Use SPECIAL DRAWING number if active in more than 1 position.

R 0 [?] [?] -- [?] [?] [?] [?] -- [?] [?] [?] [?] [?] [?]

STAGER Rotary Pilot Stager Series to be Provided

48 = 6 Port (Brass)
 51 = 8 Port (Brass)
 58 = 16 Port (PVC)
 59 = 16 Port (Brass)
 96 = 8 Port High Pressure (Brass) (250 PSI)

ENCLOSURE N.E.M.A. Rating of Enclosure to be Provided

1 = NEMA 1 Std. Enclosure
 4 = NEMA 4 Std. Enclosure
 7 = NONE (NEMA 4 Mounting Plate w/Gasket Provided)
 F = NEMA 4X Fiberglass Panel & Enclosure

1st AUX. SWITCH (SEE STAGER PROGRAM CHARTS)
 First Extra Switch to be provided on Stager
 (Unless Special Drawing Number is Assigned)

0 = NONE (Not valid for use with 962 controller)
 **A to R = CAM POSITION Switch is to be active (I & O not used)
 S = SERVICE Return (Homing) (For 962 Controller, MUST be "S")
 W = Status Lights Cam (48, 58 & 59 Stagers w/TA Program only)
 Z = BLANK CAM (no notches)

* Use a Letter to indicate Cam position Not a Number.
 ^ Use SPECIAL DRAWING number if active in more than 1 position.

REVISION Stager Revision Level
 (Unless Special Drawing Number is Assigned)

B = 48 and 51 Stagers
 C = 58, 59, and 96 Series Stagers

0 (Unless Special Drawing Number is Assigned)

PRESSURE Program of Stager
 (Unless Special Drawing Number is Assigned)

0 = STANDARD (Vent to open)
 1 = INVERTED (Pressure to open)

SERIES 48 STANDARD STAGER PROGRAMS

STAGER PROGRAM	# POS.	PORTS VENTED IN POSITION						REF. DWG NO.	FUNCTION	
		0	1	2	3	4	5			
00	4	POSITION	SVC	----	BW	----	BSR	FR	4800PRGM	4 POS. SOFTENER
		PORTS VENTED	1, 2	----	3, 4	----	5, 6	1, 6		
01	3	POSITION	SVC	----	BW	----	----	FR	4801PRGM	3 POS. FILTER
		PORTS VENTED	1, 2	----	3, 4	----	----	1, 6		
03	4	POSITION	SVC	----	BW	----	BSR	FR	4803PRGM	4 POS. SOFTENER (BUTTERFLY CAM)
		PORTS VENTED	1, 2	----	3, 4	----	5, 6	1, 6		
04	2	POSITION	SVC	----	BW	----	----	----	4804PRGM	2 POS. FILTER
		PORTS VENTED	1, 2	----	3, 4	----	----	----		
12	4	POSITION	SVC	----	BW -or- ASC	BSR -or- BW	----	FR	4812PRGM	4 POS. FILTER W/ AIR SCOUR -OR- 4 POS. UPFLOW SOFTENER
		PORTS VENTED	1, 2	----	3, 4	4, 5	----	1, 6		
83	4	POSITION	BW2	BW3	----	----	SVC	BW1	4883PRGM	3 TANK SEQUENTIAL FILTER
		PORTS VENTED	2	3	----	----	6	1		
84	5	POSITION	BW2	BW3	BW4	----	SVC	BW1	4884PRGM	4 TANK SEQUENTIAL FILTER
		PORTS VENTED	2	3	4	----	6	1		
85	6	POSITION	BW2	BW3	BW4	BW5	SVC	BW1	4885PRGM	5 TANK SEQUENTIAL FILTER
		PORTS VENTED	2	3	4	5	6	1		
TA	2	POSITION	SVCA	----	SVCB	----	----	----	48TAPRGM	2 TANK ALTERNATOR
		PORTS VENTED	1	----	2	----	----	----		
TB	2	POSITION	SVCA	SVCB	SVCA	SVCB	SVCA	SVCB	48TAPRGM	2 TANK ALTERNATOR
		PORTS VENTED	1	2	1	2	1	2		

- ASC = AIR SCOUR
- BSR = BRINE / SLOW RINSE
- BW = BACKWASH
- FR = FAST RINSE
- SVC = SERVICE
- SVCA = SERVICE UNIT A
- SVCB = SERVICE UNIT B

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THIRD ANGLE PROJECTION

APPROVALS

DRAWN TRK 3/2/18

CHECKED BY

APPROVED

DATE

DATE

SCALE

SOLIDWORKS FORMAT

SHEET 1 OF 2

AQmatic

SERIES 48, 51 & 58 STAGERS
 MODEL SELECTION AND PROGRAMS

DWG NO. 1078031

REV. A

SERIES 58 STANDARD STAGER PROGRAMS

Table with columns for Stager Program, # Pos., Position, Ports Vented, and Ref. DWG No. Function. Includes programs 00 through TR.

* TB PROGRAM FOR USE WITH SERIES 962 CONTROLLER ONLY.

SERIES 51 STANDARD STAGER PROGRAMS

Table with columns for Stager Program, # Pos., Position, Ports Vented, and Ref. DWG No. Function. Includes programs 06 through 87.

- 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 = BACKWASH 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

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