



Instalación
y Operación
Instructivo
Manual

SPINSMAN-159

**SEPARADOR
CENTRÍFUGO
DE ARENA**

Purgado
Automático

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SEPARADOR CENTRÍFUGO DE ARENA PURGADO AUTOMÁTICO

El controlador de Purga Automática Yardney está diseñado para purgar la cámara de recolección del separador de forma automática o manual. El controlador de la purga está diseñado para su uso con la válvula de esfera motorizada o las válvulas de diafragma que se suministran.

Interruptor Automático/Manual

La posición de este interruptor determina si el controlador de purga está en el modo automático o manual.

En la posición automática, el controlador purgará automáticamente el separador centrífugo a un intervalo predeterminado y durante un periodo de tiempo predeterminado como se describe a continuación en “Ajustes de tiempo”.

En la posición manual, la batería es desconectada del reloj y la operación manual de la válvula de purga ahora es posible mediante el interruptor de apertura y cierre. Este interruptor está cargado de resortes y debe mantenerse en su posición.

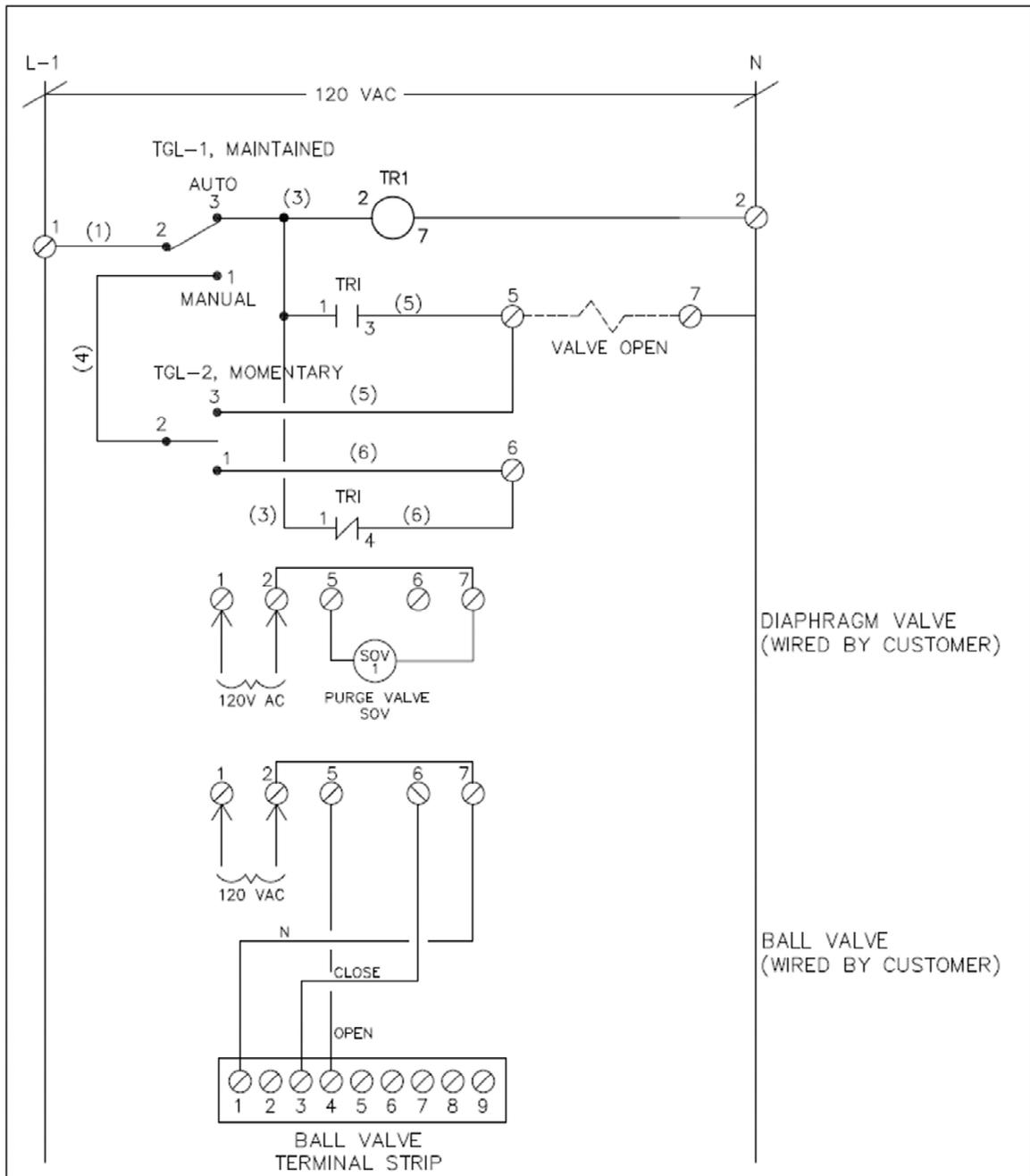
Si se utiliza una válvula de esfera motorizada, el interruptor debe mantenerse en la posición abierta o cerrada hasta que la válvula complete su recorrido.

Si se utiliza una válvula de diafragma, entonces se utiliza la posición abierta para energizar el solenoide y abrir la válvula. Si se suelta el interruptor, entonces el solenoide se desenergiza y la válvula se cerrará; terminando el ciclo de purga

Ajustes de tiempo

Tiempo de apagado – Este indicador se utiliza para ajustar la frecuencia del ciclo de purga.

Tiempo de encendido – Este indicador se utiliza para ajustar la longitud del tiempo de purga.



DIAPHRAGM VALVE
(WIRED BY CUSTOMER)

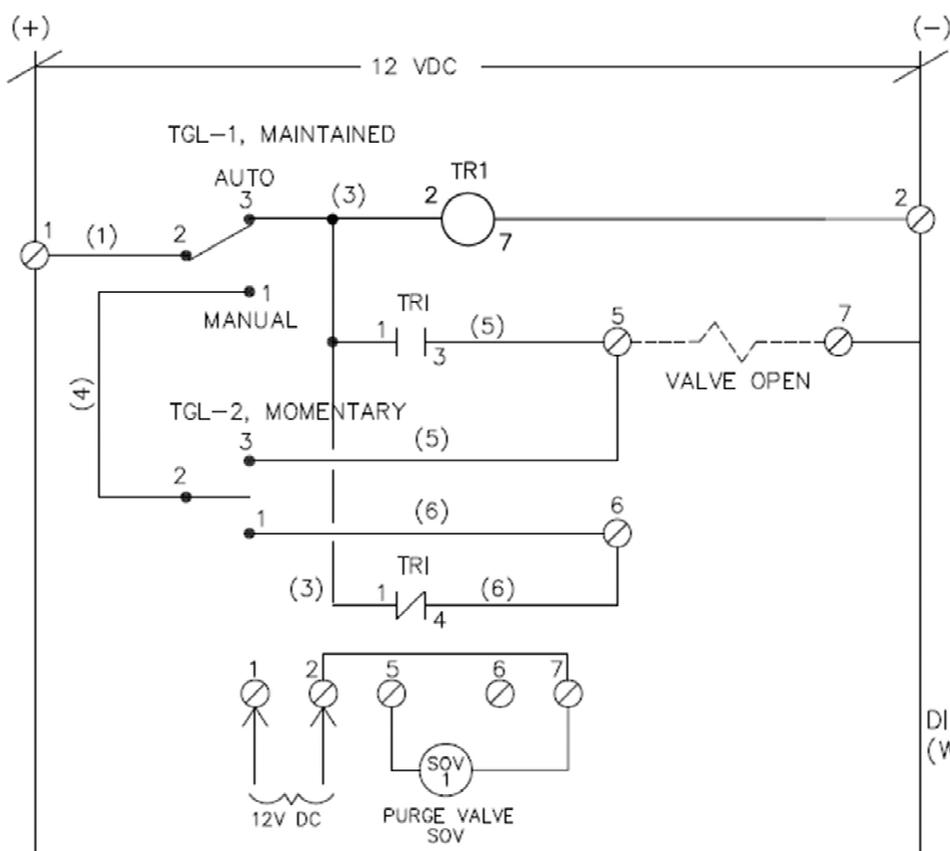
BALL VALVE
(WIRED BY CUSTOMER)

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DO NOT SCALE DWG



E	UPDATED YARNEY LOGO	DTD	2-14	APP	APPROVALS	DATE	CONTROL PANEL WIRING BALL DIAPHRAGM SIZE D DRAWING NO. D ELECTRICAL PANEL REV. E SCALE NONE ELECTRICAL PURGE SHEET 1 OF 1
B	WIRING NUMBERING WAS INCORRECT FIXED	DTD	10-08	APP	DRAWN BY KAT	3/11/09	
C	UPDATED WIRING NUMBERS	DTD	11-05	APP	CHECKED BY		
B	REMOVED EXTRA SDV (6)	DTC	3-05	APP	APPROVED BY		
A	WIRING NUMBER CHANGES	KAT	6-97	APP	ANALYST/EXTERNAL SCALE	NONE	
SYM	REVISIONS	BY	DATE	APP	USED BY		



DIAPHRAGM VALVE
(WIRED BY CUSTOMER)

DO NOT SCALE DWG.

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		APPROVALS	DATE	CONTROL, PANEL WIRING 12VDC		
		DRAWN BY	DTD			6/17/09
		CHECKED BY				
		APPROVED BY		SIZE	DRAWING NO.	
A	UPDATED YARNEY LOGO	DTD	2-15	APP	DIAPHRAGM, 12VDC	REVI A
SYM	REVISIONS	BY	DATE	APP	SCALE	ACAT NO. ELECTRICAL WIRING CONTROLLER

SHEET 1 OF 1

SEPARATOR AUTOMATIC PURGE SYSTEM 120 VOLT 60 HZ INPUT

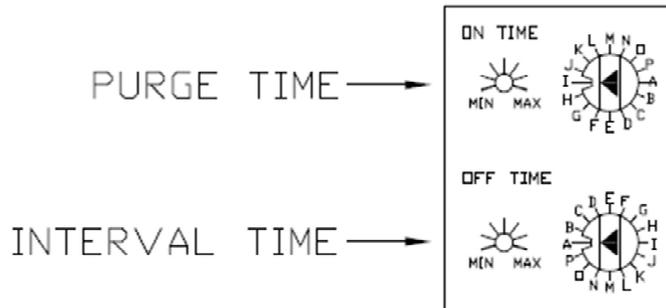


FIG. 1 - RELAY FACE

DIAL SETTING	TIMING RANGE
A	0.6 - 2.5 SEC.
B	1.5 - 5 SEC.
C	2.5 - 10.5 SEC.
D	5 - 21 SEC.
E	10 - 42 SEC.
F	0.4 - 1.4 MIN.
G	0.7 - 2.8 MIN.
H	1.5 - 5.5 MIN.
I	3 - 11 MIN.
J	5.5 - 22.5 MIN.
K	11 - 45 MIN.
L	0.4 - 1.5 HR.
M	0.8 - 3 HR.
N	1.5 - 6 HR.
O	3 - 12 HR.
P	6 - 24 HR.

NOTES:

CONNECT PURGE VALVE
AS SHOWN ON
WIRING DIAGRAM

FIG. 2 - KNOB SETTINGS

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				CONTROL PANEL WIRING	
		APPROVALS	DATE		
		DRAWN BY	REV		
		CHECKED BY			
		APPROVED BY			
A	UPDATED YARDNEY LOGO	DTC	4-13	APP	NONE
SYM	REVISIONS	BY	DATE	APP	USED ON
				SIZE	DRAWING NO:
				D	CONTRO32D
				REV	A
				SOLD	NONE ELECTRICAL SOURCE CONTRL
				SHEET	1 OF 1