ON-SITE SOLENOID INSTALLATION

Deposit Controller	Pipe Size	Wrap Length Along Pipe	Wire Kit	Solenoid
TWT-5C8-470	**3/4 inch**	4 inch wrap	75 ft.	The solenoid is wound in two overlapping layers, approx.60 turns per layer
TWT-5C8-471	**1 inch**	4 inch wrap	75 ft.	The solenoid is wound in two overlapping layers, approx.60 turns per layer
TWT-5C8-472	**1 inch**	4 inch wrap	75 ft.	The solenoid is wound in two overlapping layers, approx.60 turns per layer
TWT-5C8-401	**1 1/2 inch**	4 inch wrap	100 ft.	The solenoid is wound in two overlapping layers, approx.60 turns per layer
TWT-5C8-402	**2 inch**	7 inch wrap	150 ft.	The solenoid is wound in two overlapping layers, approx.90 turns per layer
TWT-5C8-403	**3 inch**	7 inch wrap	200 ft.	The solenoid is wound in two overlapping layers, approx.90 turns per layer
TWT-5C8-404	**4 inch**	7 inch wrap	225 ft.	The solenoid is wound in two overlapping layers, approx.90 turns per layer
TWT-5C8-406	**6 inch**	4.5 inch wrap	275 ft.	The solenoid is wound in two overlapping layers, approx.65 turns per layer

Please see the installation manual for instructions to correctly wind the coil.

Coil Kit provided will contain UL 1007 #20 awg wire with the assumption that the Controller will be located within 10 to 15 ft. of solenoid. All installations may splice additional wire to remotely locate the Controller up to 100 ft. away from the solenoid coil.Refer to Owner's/ Installation Manual for further information..

T

High Temperature Applications for Triangular Wave Technologies™ Deposit Control Systems 180° F and Above (Teflon Wire)

TWT-5C8-470	**3/4 inch**	3.5 inch wrap	55 ft.	The solenoid is wound in two overlapping layers, approx.60 turns per layer
TWT-5C8-471	**1 inch**	3.5 inch wrap	55 ft.	The solenoid is wound in two overlapping layers, approx.60 turns per layer
TWT-5C8-472	**1 inch**	3.5 inch wrap	55 ft.	The solenoid is wound in two overlapping ayers, approx.60 turns per layer
TWT-5C8-401	**1 1/2 inch**	4 inch wrap	75 ft.	The solenoid is wound in two overlapping ayers, approx.60 turns per layer
TWT-5C8-402	**2 inch**	5 inch wrap	125 ft.	The solenoid is wound in two overlapping layers, approx.90 turns per layer
TWT-5C8-403	**3 inch**	5 inch wrap	175 ft.	The solenoid is wound in two overlapping layers, approx. 90 turns per layer
TWT-5C8-404	**4 inch**	5 inch wrap	200 ft.	The solenoid is wound in two overlapping layers, approx. 90 turns per layer
TWT-5C8-406	**6 inch**	3.75 inch wrap	250 ft.	The solenoid is wound in two overlapping layers, approx.65 turns per layer

In applications where the pipe surface temperature is 180° F and above, you should request a Teflon Wire Kit. We will provide a spool of Teflon Insulated Wire to form the pipe solenoid at our factory cost. The wire ties supplied with the unit are satisfactory for use with the Teflon Wire.

Please see the installation manual for instructions to correctly wind the coil. The Teflon Wire will be slightly smaller in diameter and the solenoids should be formed as described above:

The wire used to form the pipe solenoid provided with enclosed Microprocessor is: UL1007 #20awg.

Teflon Insulated Wire Kit is provided at factory upon request.The wire ties supplied with the unit are satisfactory for use with the Teflon Wire.

For further information about custom installations for 8",10", 12",14" and larger pipe sizes, please contact us at Triangular Wave Technology.

Triangular Wave Technologies,Inc. • 85 Chestnut Ridge Road • Montvale, NJ 07645 USA • 800-728-3420 Fax 201-573-8710 Email: info@triangularwave.com