

KOIL-KIT™ Coil Pack

½" / 15 MM THROUGH 2" / 50 MM SIZES
 CONTRACTOR ORDER FORM (A) – NORTH AMERICA ONLY

Initial _____

Date _____

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This (7) seven-page form must be filled out completely with each order. Once completed, FAX this (7) seven-page form to your local distributor.

(See instruction No. 2 for faxing bag and tag information as required.)

Bill to: Company Name	
Contact Name	
Address	
City	State/Province
Country	Zip/Postal Code
Phone No.	Fax No.
Email	

Ship To: Order No.	Date
Company Name	
Contact Name	
Address	
City	State/Province
Country	Zip/Postal Code
Phone No.	
Job Name/Tag	
<input type="checkbox"/> I would like my ATC valve assembled with my KOIL-KIT Coil Pack. If Checked, ATC valve must be marked with the Order Tracking No. supplied below and shipped direct to: Victaulic Co. c/o ATC Receiving 2010 Enterprise Dr. Leland, NC 28451 Also if checked above, Contractor must read and sign below. <i>In consideration for integrating the ATC valve, Contractor agrees to defend, indemnify and hold harmless Victaulic for any claims of loss or damage (to persons, property or otherwise) relating to the ATC valve.</i>	
X	
(Contractor signature)	
ATC Supplier (required if applicable)	

Use the illustration and checklist below to build your KOIL-KIT Coil Pack.

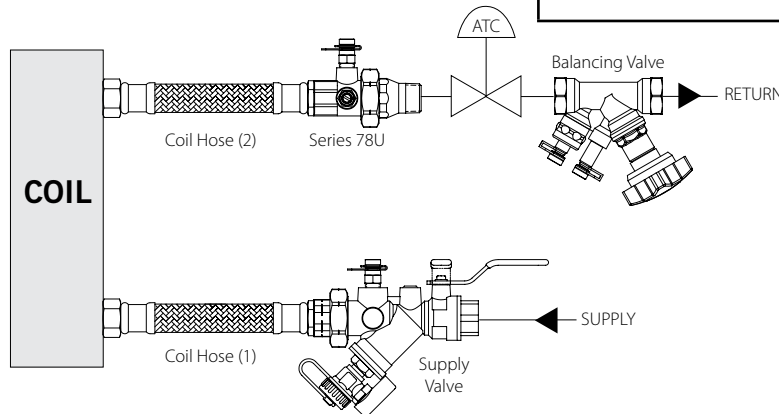
1. Fill in the blank box with the number of KOIL-KIT Coil Packs (as specified below):

If units of a different size, end configuration and valve option are required, please fax additional form(s) with their specifications separately.

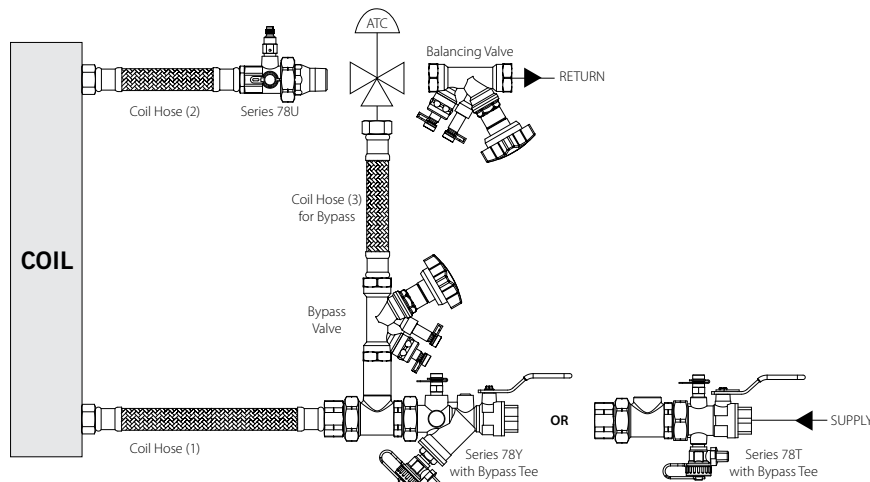
2. Check here, if Bag and Tag is required.

If checked, you must fax your distributor a separate sheet with Bag and Tag information included or the order will not ship bagged and tagged.

SERIES 799/79V



SERIES 79B/79A WITH BYPASS OPTIONS



www.victaulic.com

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REV_E



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KOIL-KIT COIL PACK: TWO-WAY OPTION

Select one drain valve option from below		
<input type="checkbox"/> Ball Valve – Series 78T OR <input type="checkbox"/> Ball Valve with Y-Strainer – Series 78Y		
Inlet	Outlet	End Config.
<input type="checkbox"/> ½"	<input type="checkbox"/> ½"	<input type="checkbox"/> swt x swt union
<input type="checkbox"/> ¾"	<input type="checkbox"/> ¾"	<input type="checkbox"/> fem x fem union
<input type="checkbox"/> 1"	<input type="checkbox"/> 1"	<input type="checkbox"/> swt x fem union
<input type="checkbox"/> 1 ¼"	<input type="checkbox"/> 1 ¼"	<input type="checkbox"/> swt x male union
<input type="checkbox"/> 1 ½"	<input type="checkbox"/> 1 ½"	<input type="checkbox"/> fem x swt union
<input type="checkbox"/> 2"	<input type="checkbox"/> 2"	<input type="checkbox"/> fem x male union
Double reduction available		

Select port fitting size and end config.		
<input type="checkbox"/> Union Port Fitting – Series 78U		
Inlet	Outlet	End Config.
<input type="checkbox"/> ½"	<input type="checkbox"/> ½"	<input type="checkbox"/> swt x male union
<input type="checkbox"/> ¾"	<input type="checkbox"/> ¾"	<input type="checkbox"/> fem x male union
<input type="checkbox"/> 1"	<input type="checkbox"/> 1"	<input type="checkbox"/> swt x swt union
<input type="checkbox"/> 1 ¼"	<input type="checkbox"/> 1 ¼"	<input type="checkbox"/> swt x fem union
<input type="checkbox"/> 1 ½"	<input type="checkbox"/> 1 ½"	<input type="checkbox"/> fem x swt union
<input type="checkbox"/> 2"	<input type="checkbox"/> 2"	<input type="checkbox"/> fem x fem union
Triple reduction available		

Select coil hose option					
<input type="checkbox"/> Coil Hose (1)			<input type="checkbox"/> Coil Hose (2)		
Inlet x Outlet	Length	End Config.	Inlet x Outlet	Length	End Config.
<input type="checkbox"/> ½"	<input type="checkbox"/> 12"	<input type="checkbox"/> male x fem swivel	<input type="checkbox"/> ½"	<input type="checkbox"/> 12"	<input type="checkbox"/> male x fem swivel
<input type="checkbox"/> ¾"	<input type="checkbox"/> 24"	<input type="checkbox"/> male x male swivel	<input type="checkbox"/> ¾"	<input type="checkbox"/> 24"	<input type="checkbox"/> male x male swivel
<input type="checkbox"/> 1"	<input type="checkbox"/> 36"		<input type="checkbox"/> 1"	<input type="checkbox"/> 36"	
<input type="checkbox"/> 1 ¼"			<input type="checkbox"/> 1 ¼"		
<input type="checkbox"/> 1 ½"			<input type="checkbox"/> 1 ½"		
<input type="checkbox"/> 2"			<input type="checkbox"/> 2"		
<input type="checkbox"/> Connect hoses			<input type="checkbox"/> Connect hoses		

Select one balancing valve option from below								
<input type="checkbox"/> Manual Valve – Series 78K			<input type="checkbox"/> Manual Valve with Soldered Ends – Series 786	<input type="checkbox"/> Manual Valve with Soldered Ends – Series 787	<input type="checkbox"/> Ball Valve With Female Threaded Ends - Series 722	<input type="checkbox"/> Automatic Valve- Series 76*		
Inlet	Outlet	End Config.	Inlet x Outlet	Inlet x Outlet	Inlet x Outlet	Inlet x Outlet	End Config.	Ball Valve Option
<input type="checkbox"/> ½"	<input type="checkbox"/> ½"	<input type="checkbox"/> male union x fem	<input type="checkbox"/> ½"	<input type="checkbox"/> ½"	<input type="checkbox"/> ½"	<input type="checkbox"/> ½"	<input type="checkbox"/> fem x fem	<input type="checkbox"/> With Ball Valve Kit
<input type="checkbox"/> ¾"	<input type="checkbox"/> ¾"	<input type="checkbox"/> fem union x fem	<input type="checkbox"/> ¾"	<input type="checkbox"/> ¾"	<input type="checkbox"/> ¾"	<input type="checkbox"/> ¾"	<input type="checkbox"/> male x fem	
<input type="checkbox"/> 1"	<input type="checkbox"/> 1"	<input type="checkbox"/> male union x swt	<input type="checkbox"/> 1"	<input type="checkbox"/> 1"	<input type="checkbox"/> 1"	<input type="checkbox"/> 1"		
<input type="checkbox"/> 1 ¼"	<input type="checkbox"/> 1 ¼"	<input type="checkbox"/> fem union x swt	<input type="checkbox"/> 1 ¼"	<input type="checkbox"/> 1 ¼"	<input type="checkbox"/> 1 ¼"	<input type="checkbox"/> 1 ¼"		
<input type="checkbox"/> 1 ½"	<input type="checkbox"/> 1 ½"		<input type="checkbox"/> 1 ½"	<input type="checkbox"/> 1 ½"	<input type="checkbox"/> 1 ½"	<input type="checkbox"/> 1 ½"		
<input type="checkbox"/> 2"	<input type="checkbox"/> 2"		<input type="checkbox"/> 2"	<input type="checkbox"/> 2"	<input type="checkbox"/> 2"	<input type="checkbox"/> 2"		
Triple reduction inlet available								

*Victaulic automatic balancing valves are available as an alternative to manual balancing valves when ordering a Victaulic Koil-Kit™ Coil Pack. Select your cartridge under "Special Options".

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KOIL-KIT COIL PACK: THREE-WAY BYPASS OPTION

Select tee for the Bypass

Add Bypass Tee to Series 78Y/78T selection

Select coil hose option for the Bypass

Coil Hose (3)

Inlet x Outlet	Length	End Config.
<input type="checkbox"/> ½"	<input type="checkbox"/> 12"	<input type="checkbox"/> male x fem swivel
<input type="checkbox"/> ¾"	<input type="checkbox"/> 24"	<input type="checkbox"/> male x male swivel
<input type="checkbox"/> 1"	<input type="checkbox"/> 36"	
<input type="checkbox"/> 1 ¼"		
<input type="checkbox"/> 1 ½"		
<input type="checkbox"/> 2"		

Connect hose

Select one valve option from below for the Bypass Valve

<input type="checkbox"/> Manual Valve – Series 78K			<input type="checkbox"/> Manual Valve with Soldered Ends – Series 786	<input type="checkbox"/> Manual Valve with Soldered Ends – Series 787	<input type="checkbox"/> Ball Valve With Female Threaded Ends - Series 722	<input type="checkbox"/> Ball Valve – 78T OR <input type="checkbox"/> Ball Valve with Y-Strainer – Series 78Y		
Inlet	Outlet	End Config.	Inlet x Outlet	Inlet x Outlet	Inlet x Outlet	Inlet	Outlet	End Config.
<input type="checkbox"/> ½"	<input type="checkbox"/> ½"	<input type="checkbox"/> fem x male union	<input type="checkbox"/> ½"	<input type="checkbox"/> ½"	<input type="checkbox"/> ½"	<input type="checkbox"/> ½"	<input type="checkbox"/> ½"	<input type="checkbox"/> swt x swt union
<input type="checkbox"/> ¾"	<input type="checkbox"/> ¾"	<input type="checkbox"/> swt x male union	<input type="checkbox"/> ¾"	<input type="checkbox"/> ¾"	<input type="checkbox"/> ¾"	<input type="checkbox"/> ¾"	<input type="checkbox"/> ¾"	<input type="checkbox"/> fem x fem union
<input type="checkbox"/> 1"	<input type="checkbox"/> 1"		<input type="checkbox"/> 1"	<input type="checkbox"/> 1"	<input type="checkbox"/> 1"	<input type="checkbox"/> 1"	<input type="checkbox"/> 1"	<input type="checkbox"/> swt x fem union
<input type="checkbox"/> 1 ¼"	<input type="checkbox"/> 1 ¼"		<input type="checkbox"/> 1 ¼"	<input type="checkbox"/> 1 ¼"	<input type="checkbox"/> 1 ¼"	<input type="checkbox"/> 1 ¼"	<input type="checkbox"/> 1 ¼"	<input type="checkbox"/> swt x male union
<input type="checkbox"/> 1 ½"	<input type="checkbox"/> 1 ½"		<input type="checkbox"/> 1 ½"	<input type="checkbox"/> 1 ½"	<input type="checkbox"/> 1 ½"	<input type="checkbox"/> 1 ½"	<input type="checkbox"/> 1 ½"	<input type="checkbox"/> fem x swt union
<input type="checkbox"/> 2"	<input type="checkbox"/> 2"		<input type="checkbox"/> 2"	<input type="checkbox"/> 2"	<input type="checkbox"/> 2"	<input type="checkbox"/> 2"	<input type="checkbox"/> 2"	<input type="checkbox"/> fem x male union

Triple reduction outlet available Double reduction available

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KOIL-KIT COIL PACK: SPECIAL OPTIONS

Drain Valve Options			
Select one		Select one	
<input type="checkbox"/> Automatic Air Vent in lieu of PT Port <input type="checkbox"/> Manual Air Vent in lieu of PT Port		<input type="checkbox"/> Second Drain Valve- Identical <input type="checkbox"/> Second Drain Valve- Different If selecting Different, the information below is required.	
Select		Size	
<input type="checkbox"/> Add a Handle Extension (assembled)		Inlet	Outlet
			End Config.
			_____X_____

Union Port Fitting Options			
Select one		Select one	
<input type="checkbox"/> Manual Air Vent and Drain Valve <input type="checkbox"/> PT Port and Drain Valve <input type="checkbox"/> Automatic Air Vent and PT Port <input type="checkbox"/> Automatic Air Port and Drain Valve		<input type="checkbox"/> Second Drain Valve- Identical <input type="checkbox"/> Second Drain Valve- Different If selecting Different, the information below is required.	
Select		Size	
		Inlet	Outlet
			End Config.
			_____X_____

Balancing Valve Options			
Select one		Select one	
<input type="checkbox"/> Connect Balancing Valve to the Union Port <input type="checkbox"/> Yes/No - Enlarge afterwards <input type="checkbox"/> Add a Drain Kit <input type="checkbox"/> Add Sweat Adapter (Automatic Valves Only)		<input type="checkbox"/> Second Balancing Valve- Identical <input type="checkbox"/> Second Balancing Valve- Different If selecting Different, the information below is required.	
Select one		Size	
<input type="checkbox"/> Add a 2" PT Port Extension (assembled)		Inlet	Outlet
<input type="checkbox"/> Add a 4" PT Port Extension (assembled)			End Config.
			_____X_____

Bypass Valve Options	
Select	Select
<input type="checkbox"/> Manual Air Vent	<input type="checkbox"/> Enlargement after Bypass Valve

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CARTRIDGE SELECTION GUIDE - Circle the "Victaulic Code" for the corresponding cartridge you wish to order.

Victaulic Code		Flow gpm/ lpm	min ΔP psi/ kPa	C _v / K _v
High Pressure No. Max Δp 87 psi/600 kPa	Low Pressure No. Max Δp 43.5 psi/300 kPa			
Cartridge Type 10				
-	1A	0.11 0.42	1.02 7	0.10 0.09
-	1B	0.15 0.60	1.02 7	0.16 0.14
-	1C	0.20 0.72	1.02 7	0.19 0.16
AD	1D	0.24 0.92	1.02 7	0.24 0.21
AE	1E	0.33 1.25	1.16 8	0.31 0.27
AF	1F	0.39 1.40	1.31 9	0.32 0.28
AG	1G	0.46 1.74	1.45 10	0.38 0.33
AH	1H	0.50 1.90	1.45 10	0.42 0.36
AI	1I	0.57 2.15	1.60 11	0.45 0.39
AJ	1J	0.68 2.57	1.60 11	0.53 0.46
AK	1K	0.77 2.92	1.74 12	0.59 0.51
AL	1L	0.90 3.40	1.74 12	0.68 0.59
AM	1M	1.06 4.02	1.74 12	0.81 0.7
AN	1N	1.23 4.65	1.74 12	0.94 0.81
AO	1O	1.41 5.33	1.89 13	1.03 0.89
AP	1P	1.54 5.83	1.89 13	1.13 0.97
AQ	1Q	1.76 6.67	1.89 13	1.29 1.11
AR	1R	2.10 7.95	2.03 14	1.47 1.27
AS	1S	2.40 9.08	2.03 14	1.69 1.46
Cartridge Type 11				
AT	1T	2.71 10.25	2.03 14	1.90 1.64
AU	1U	2.95 11.17	2.03 14	2.08 1.79
AV	1V	3.24 12.27	2.03 14	2.29 1.97
AW	1W	3.52 13.32	2.32 16	2.32 2.00
AX	1X	3.83 14.50	2.76 19	2.32 2.00
AY	1Y	4.12 15.60	3.05 21	2.37 2.04

Victaulic Code		Flow gpm/ lpm	min ΔP psi/ kPa	C _v / K _v
High Pressure No. Max Δp 87 psi/600 kPa	Low Pressure No. Max Δp 43.5 psi/300 kPa			
Cartridge Type 20				
BA	2A	4.49 17.00	3.19 22	2.52 2.17
BB	2B	4.76 18.18	3.19 22	2.67 2.3
BC	2C	5.26 19.92	3.19 22	2.96 2.55
BD	2D	5.88 22.25	3.34 23	3.22 2.78
BE	2E	6.53 24.72	3.34 23	3.58 3.09
BF	2F	6.96 26.35	3.34 23	3.83 3.3
BG	2G	7.81 29.57	3.48 24	4.20 3.62
BH	2H	8.07 30.55	3.48 24	4.34 3.74
BI	2I	9.16 34.67	3.63 25	4.83 4.16
BJ	2J	9.91 37.52	3.77 26	5.12 4.41
BK	2K	10.21 38.65	3.92 27	5.17 4.46
BL	2L	10.78 40.80	4.06 28	5.37 4.63

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Victaulic Code		Flow gpm/ lpm	min ΔP psi/ kPa	C _v / K _v
High Pressure No. Max Δp 87 psi/600 kPa	Low Pressure No. Max Δp 43.5 psi/300 kPa			
Cartridge Type 30				
CA	3A	2.97 11.23	1.74 12	2.26 1.95
CB	3B	3.79 14.35	1.74 12	2.89 2.49
CC	3C	4.49 17.00	1.74 12	3.41 2.94
CD	3D	5.00 18.93	1.74 12	3.80 3.28
CE	3E	5.24 19.83	1.74 12	3.99 3.44
CF	3F	5.60 21.20	1.89 13	4.09 3.53
CG	3G	5.94 22.48	1.89 13	4.34 3.74
CH	3H	6.54 24.75	1.89 13	4.78 4.12
CI	3I	6.90 26.12	2.03 14	4.86 4.19
CJ	3J	7.18 27.18	2.03 14	5.06 4.36
CK	3K	7.99 30.25	2.03 14	5.63 4.85
CL	3L	8.81 33.35	2.18 15	6.00 5.17
CM	3M	9.00 34.07	2.32 16	5.93 5.11
CN	3N	9.56 36.18	2.32 16	6.33 5.46
CO	3O	10.00 37.85	2.47 17	6.39 5.51
CP	3P	10.48 39.67	2.47 17	6.69 5.77
CQ	3Q	11.00 41.63	2.61 18	6.83 5.89
CR	3R	11.62 43.98	2.61 18	7.22 6.22
CS	3S	12.64 47.85	2.76 19	7.64 6.59
CT	3T	14.05 53.18	3.05 21	8.07 6.96
CU	3U	15.00 56.78	3.19 22	8.42 7.26
CV	3V	15.35 58.10	3.19 22	8.62 7.43

Victaulic Code		Flow gpm/ lpm	min ΔP psi/ kPa	C _v / K _v
High Pressure No. Max Δp 87 psi/600 kPa	Low Pressure No. Max Δp 43.5 psi/300 kPa			
Cartridge Type 40				
DA	4A	16.00 60.57	2.90 20	9.43 8.13
DB	4B	16.20 61.358	3.05 21	9.31 8.03
DC	4C	18.00 68.13	3.05 21	10.35 8.92
DD	4D	19.00 71.92	3.05 21	10.93 9.42
DE	4E	20.00 75.70	3.19 22	11.23 9.678
DF	4F	21.00 79.48	3.19 22	11.80 10.17
DG	4G	22.00 83.27	3.34 23	12.09 10.42
DH	4H	24.00 90.83	3.48 24	12.90 11.12
DI	4I	26.00 98.42	3.63 25	13.70 11.81
DJ	4J	28.00 106.00	3.77 26	14.47 12.47
DK	4K	30.00 113.55	3.92 27	15.21 13.11
DL	4L	32.00 121.12	4.06 28	15.93 13.73
DM	4M	34.00 128.68	4.35 30	16.36 14.1
DN	4N	36.00 136.27	4.50 31	17.03 14.68
DO	4O	38.00 143.83	4.79 33	17.42 15.02
DP	4P	40.00 151.40	4.93 34	18.07 15.58
DQ	4Q	41.00 158.97	5.11 36	18.44 15.9
DR	4R	44.00 166.50	5.51 38	18.80 16.21
DS	4S	46.00 174.08	5.80 40	19.15 16.51
DT	4T	48.00 181.67	6.09 42	19.51 16.82
DU	4U	50.00 189.25	6.38 44	19.86 17.12

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High Pressure No. Max Δp 87 psi/600 kPa	Low Pressure No. Max Δp 43.5 psi/300 kPa			
Cartridge Type 50				
EA	-	16.82 63.67	1.89 13	12.30 10.6
EB	-	17.31 65.52	1.89 13	12.64 10.9
EC	-	17.83 67.48	1.89 13	12.99 11.2
ED	-	18.49 69.98	1.89 13	13.57 11.7
EE	-	19.37 73.32	1.89 13	14.15 12.2
EF	-	20.43 77.33	2.03 14	14.38 12.4
EG	-	21.80 82.52	2.03 14	15.31 13.2
EH	-	3.38 88.50	2.03 14	16.47 14.2
EI	-	25.10 95.00	2.03 14	17.63 15.2
EJ	-	27.36 105.15	2.03 14	19.26 16.6
EK	-	28.67 108.52	2.03 14	20.18 17.4
EL	-	31.13 118.02	2.03 14	21.92 18.9
EM	-	34.79 131.68	2.18 15	23.66 20.4
EN	-	39.19 148.33	2.32 16	25.87 22.3
EO	-	45.79 173.32	2.76 19	27.72 23.9
EP	-	50.00 189.25	3.19 22	28.07 24.2
EQ	-	55.00 208.18	3.34 23	30.28 26.1
ER	-	59.00 223.32	3.48 24	31.78 27.4
ES	-	65.00 246.03	3.92 27	32.94 28.4
ET	-	70.45 266.65	4.21 29	34.45 29.7

Victaulic Code		Flow gpm/ lpm	min ΔP psi/ kPa	C _v / K _v
High Pressure No. Max Δp 87 psi/600 kPa	Low Pressure No. Max Δp 43.5 psi/300 kPa			
Cartridge Type 60				
FA	-	72.02 283.95	4.93 34	33.87 29.2
FB	-	79.97 302.47	4.93 34	36.08 31.1
FC	-	82.77 313.28	5.08 35	36.89 31.8
FD	-	85.72 324.45	5.08 35	38.16 32.9
FE	-	90.11 341.07	5.08 35	40.14 34.6
FF	-	94.76 358.78	5.22 36	41.64 35.9
FG	-	98.85 374.15	5.22 36	43.38 37.4
FH	-	103.40 391.37	5.22 36	45.36 39.1
FI	-	108.02 408.85	5.37 37	46.75 40.3
FJ	-	112.82 427.02	5.51 38	48.26 41.6
FK	-	116.81 442.13	5.51 38	49.88 43
FL	-	121.91 461.43	5.51 38	52.08 44.9
FM	-	128.39 485.95	5.51 38	54.87 47.3
FN	-	131.90 499.23	5.66 39	55.68 48
FO	-	136.40 516.27	5.37 37	57.54 49.6
FP	-	142.05 537.67	5.80 40	59.16 51
FQ	-	147.80 559.42	5.80 40	61.48 53
FR	-	153.91 582.55	5.80 40	64.15 55.3
FS	-	160.00 605.60	6.09 42	65.08 56.1
FT	-	165.94 628.08	6.24 43	66.70 57.5
FU	-	170.00 643.45	6.38 44	67.51 58.2
FV	-	180.41 682.85	6.67 46	70.06 60.4
FW	-	198.19 750.00	7.11 49	74.59 64.3

For complete contact information, visit www.victaulic.com

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