



Franklin Fueling Systems

Franklin Fueling Systems certifies that Fuel Ethanol, also known commercially as E85, containing 51 % to 83 % ethanol by volume is compatible with APT TMA 4236 0/0 0C S and TMA 4836 0/0 0C S and APT LMM-3617. Franklin Fueling Systems has based this approval on the ASTM D5798 standard within the UL 2447 listing.

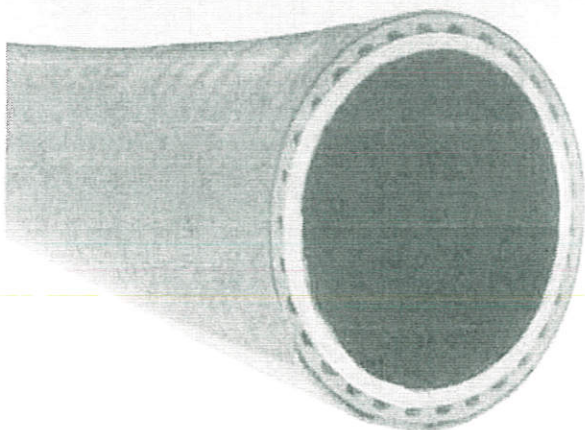
Per ASTM D5798 within the scope section 1.3 This specification formerly covered Fuel Ethanol (Ed70-Ed85) for Automotive Spark-Ignition Engines, also known commercially as E85. The nomenclature "fuel ethanol" has been changed to "ethanol fuel blends" to distinguish this product from denatured fuel ethanol Specification D4806. To facilitate blending of ethanol fuel blends that meet seasonal vapor pressure requirements, a new lower minimum ethanol content has been established.

The APT containments listed above APT TMA 4236 0/0 0C S, TMA 4836 0/0 0C S and APT LMM-3617, are all listed under Franklin Fueling Systems UL2447 listing which incorporates the ASTM D5798 in the general information section for Fuel Rating - Automotive Fuels. For more information on ASTM D5798 follow the link below:

<https://www.astm.org/Standards/D5798.htm>

Sincerely,

Loren Swalheim
Director, Global Technical Service
Franklin Fueling Systems



XP FLEXIBLE PIPEWORK

APT™ brand XP pipework provides a highly flexible pipework solution that makes installation simple and easy in any weather condition or site configuration. XP pipework can be used in both pressure and suction applications, and is ideal for underground service station fuel delivery systems. The XP pipework system features controlled flexibility, even in low temperatures, permitting fast, easy installation.

Highlights

- Available in 1", 1½", 1¾" and 2" diameters in a variety of coil lengths.
- The D-Series piping is a single wall, direct bury piping.
- The SC-Series piping provides additional environmental security as a secondary contained direct bury pipe.
- XP pipe features a 3 ft. bend radius for all pipe diameters making it one of the most flexible, yet durable fuel pipes available.
- No possibility of piping layer delamination due to the layered piping construction of high-grade material.
- With long coils (1000+ ft.) and simple fittings, XP pipework can be installed quickly without specialized tools in any weather.

Specifications

- Primary layer construction of Nylon 12 - the fuel line material contains no polyethylene.
- Do not store piping in direct sunlight.

Approvals/Certifications

- UL971 listed to the January 2014 standards.
- Biofuel compatible (E85 and Biodiesel).

Ordering Information

Model	Description	Ft.	Res.	Weight	
				Lbs.	Kg.
XP-100-SC	1" secondary contained	250	Master	301	136
		500	Master	408	185
		2500	S. Master	1299	589
XP-100-D	1" single wall	250	Master	258	117
		500	Master	320	145
		100	Master	250	113
		250	Master	333	151
XP-150-SC	1½" secondary contained	500	Master	470	213
		1,000	S. Master	789	358
		1,500	S. Master	1061	481
		100	Master	225	102
		250	Master	270	122
XP-150-D	1½" single wall	500	Master	570	259
		1,000	S. Master	536	243
		1,500	S. Master	686	311
		100	Master	300	136
		250	Master	405	184
XP-175-SC	1¾" secondary contained	500	Master	580	263
		1,000	S. Master	1076	488
		250	Master	552	250
XP-200-SC	2" secondary contained	500	S. Master	914	415
		250	Master	427	194
XP-200-D	2" single wall	500	S. Master	664	301

UL 2447 LISTED PRODUCTS

The UL 2447 requirement evaluates the safety of our containment products intended for below or at grade use, which house, transfer or otherwise come in contact with fuel. For the complete list of our containment sumps, fittings, spill containers, and accessories that are UL 2447 certified, see descriptions below.

Tank, Dispenser, and Transition Sumps

Part Number	Description	Part Number	Description
TSD-4542-IPB	TSD-4542 W/ SPECIAL IP	LMT-1410	LM TOP ASSEMBLY 14" X 10.25
TSD-4736-IP	SRS/TNK SUMP-DEEP-36" MH W/ IP	LMT-1913-T	LM TOP ASSEMBLY-19"X12" TOKHEIM
TSD-4736-IPB	TSD-4736 W/ SPECIAL IP	LMT-2010	LM TOP ASSEMBLY 20.5" X 10.375
TSD-W-4736	TNK SUMP-DEP BURY 36" ACCESS CV	LMT-2018	LM TOP ASSEMBLY 20.8" X 18.3
TSM-4542-IPB	TSM-4542 W/ SPECIAL IP	LMT-2313-T	TOP FRAME ADPTR GII 23 X 12
TSM-4736	SRS- TNK SMP-MED.BURY 36" MNHLE	LMT-2407	TOP FRAME ADPTR GII 23.75X7.5
TSM-4736-IPB	TSM-4736 W/ SPECIAL IP	LMT-2715	LM DISPENSER TOP ASSEMBLY 27 X 15
TSM-W-4736	TNK SUMP-MED BURY 36" ACCESS CV	LMT-2811	TOP FRAME ADPTR GII 28.5X11.0
TSS-4542	TNK SUMP-SHALLOW BURIAL 42" MH	LMT-2915	LM TOP ASSEMBLY 29.75"X15.75
TSS-4542-IPB	TSS-4542 W/ SPECIAL IP	LMT-3610	LM TOP ASSEMBLY 36" X 1-25"
DHW-3617	DISPENSER SUMP, 36X17 ASSEMBLY	LMT-2916-DEF	LM TOP DEF ASSEMBLY 29.0" X 16.25
LMD-1410	LMD DISPENSER SUMP 13.5 X 9.75	LMT-3617-36	TOP FRAME ASSEMBLY 36X17.25 36" SUMP
LMD-1913-T	LMD DISPENSER SUMP 19 X 12 TOKHEIM	LMT-3617-DEF	LM TOP DEF ASSEMBLY 36.0" X 17.25
LMD-2010	LMD DISPENSER SUMP 20.5 X 10	LMT-3914	TOP FRAME ADPTR GII 38.75X14.0
LMD-2018	LMD DISPENSER SUMP 20.8 X 18.3	LMT-3914-36-W	TOP FRAME ASSEMBLY 36X17.25 36" SUMP
LMD-2313-T	LMD DISPENSER SUMP ASSEMBLY 23X12	LMT-4018	LM TOP ASSEMBLY 40" X 18
LMD-2407	LMD DISPENSER SUMP ASSEMBLY 23.75X7.5	LMT-4111	LM TOP ASSEMBLY 41.5" X 11
LMD-2715	LMD DISPENSER SUMP-27 X 15	LMT-4115	LM TOP ASSEMBLY 41" X 15
LMD-2811	LMD DISPENSER SUMP ASSEMBLY 28.5 X 11	LMD-2313-T-S	LMD DISPENSER SUMP 23X12 FRP
LMD-2915	LMD DISPENSER SUMP 29.75 X 15.75	LMD-2407-S	LMD DISPENSER SUMP 23.75x7.5 FRP
LMD-3610	LMD DISPENSER SUMP 36 X 10.25	LMD-2715-S	LMD DISPENSER SUMP 27X15 FRP
LMD-3617	LMD DISPENSER SUMP 36X17.25	LMD-2811-S	LMD DISPENSER SUMP 28X11.5 FRP
LMD-3914	LMD DISPENSER SUMP ASSEMBLY 38.75 X 14	LMD-2915-S	LMD DISPENSER SUMP 29.75X15.75FRP
LMD-3914-36-W	LMD DISPENSER SUMP ASSEMBLY 38.75x14,W	LMD-3617-S	LMD DISPENSER SUMP 36.0X17.25 FRP
LMD-4018	LMD DISPENSER SUMP 39.75 X 17.75	LMD-4113	LMD DISPENSER SUMP ASSEMBLY 41.5X13.2
LMD-4111	LMD DISPENSER SUMP 41.5 X 11	LMM-1410-D	LMM DISPENSER SUMP 13.5 X 9.75 FRP
LMD-4115	LMD DISPENSER SUMP 41.5 X 15.75	LMM-1410-S	LMM DISPENSER SUMP 13.5 X 9.75 FRP
LMM-1410	LMM DISPENSER SUMP 13.5 X 9.75	LMM-1913-T-D	LMM DISPENSER SUMP 19X13 FRP
LMM-1913-T	LMM DISPENSER SUMP 19 X 12 TOKHEIM	LMM-1913-T-S	LMM DISPENSER SUMP 19X13 FRP
LMM-2010	LMM DISPENSER SUMP 20.5 X 10	LMM-2010-D	LMM DISPENSER SUMP 20X10.5 FRP
LMM-2018	LMM DISPENSER SUMP 20.8 X 18.3	LMM-2010-S	LMM DISPENSER SUMP 20X10.5 FRP
LMM-2313-T	LMM DISPENSER SUMP ASSEMBLY 23 X 12	LMM-2018-D	LMM DISPENSER SUMP 20.8X18.3 FRP
LMM-2407	LMM DISPENSER SUMP ASSEMBLY 23.75X7.5	LMM-2018-S	LMM DISPENSER SUMP 20.8X18.3 FRP
LMM-2410-T-M	LMM DISPENSER SUMP ASSEMBLY 24 X 10	LMM-2313-T-D	LMM DISPENSER SUMP 23X12 FRP
LMM-2715	LMM DISPENSER SUMP-27 X 15	LMM-2313-T-S	LMM DISPENSER SUMP 23X12 FRP
LMM-2811	LMM DISPENSER SUMP ASSEMBLY 28.5 X 11	LMM-2407-D	LMM DISPENSER SUMP 23.75x7.5 FRP
LMM-2915	LMM DISPENSER SUMP 29.75 X 15.75	LMM-2407-S	LMM DISPENSER SUMP 23.75x7.5 FRP
LMM-2916-DEF	DEF-LMM DISPENSER SUMP 29.0X16.25	LMM-2715-D	LMM DISPENSER SUMP 27X15 FRP
LMM-3610	LMM DISPENSER SUMP 36 X 10.25	LMM-2715-S	LMM DISPENSER SUMP 27X15 FRP
LMM-3617	LMM DISPENSER SUMP 36.0X17.25	LMM-2811-D	LMM DISPENSER SUMP 28X11.5 FRP
LMM-3617-36-CGS	LMM DISPENSER SUMP	LMM-2811-S	LMM DISPENSER SUMP 28X11.5 FRP
LMM-3617-DEF	DEF-LMM DISPENSER SUMP 36.0X17.25	LMM-2915-D	LMM DISPENSER SUMP 29.75X15.75FRP
LMM-3914	LMM DISPENSER SUMP ASSEMBLY 38.75 X 14	LMM-2915-S	LMM DISPENSER SUMP 29.75X15.75FRP
LMM-3914-36-W	LMM DISPENSER SUMP ASSEMBLY 38.75x14,W		
LMM-4018	LMM DISPENSER SUMP 39.75 X 17.75		
LMM-4111	LMM DISPENSER SUMP 41.5 X 11		
LMM-4115	LMM DISPENSER SUMP 41.5 X 15.75		

CONTAINMENT

Part Number	Description
LMM-3610-D	LMM DISPENSER SUMP 36X10.25 FRP
LMM-3610-S	LMM DISPENSER SUMP 36X10.25 FRP
LMM-3617-D	LMM DISPENSER SUMP 36.0X17.25 FRP
LMM-3617-S	LMM DISPENSER SUMP 36.0X17.25 FRP
LMM-3914-36-W-D	LMM DISPENSER SUMP 38.75X14,FRP
LMM-3914-36-W-S	LMM DISPENSER SUMP 38.75X14 FRP
LMM-3914-D	LMM DISPENSER SUMP 38.75X14 FRP
LMM-3914-S	LMM DISPENSER SUMP 38.75X14 FRP
LMM-4018-D	LMM DISPENSER SUMP 39.75X17.57FRP
LMM-4018-S	LMM DISPENSER SUMP 39.75X17.57FRP
LMM-4111-D	LMM DISPENSER SUMP 41.5X11 FRP
LMM-4111-S	LMM DISPENSER SUMP 41.5X11 FRP
LMM-4115-D	LMM DISPENSER SUMP 41.5X15.75FRP
LMM-4115-S	LMM DISPENSER SUMP 41.5X15.75FRP
LMT-2913	TOP FRAME GII 29.75 X 15.25
LMM-2407-SW-R	SW UNDERDISPENSER SUMP,23.75x7.5x36
DP-1816	DISPENSER PAN 13 3/4 X 11 1/4
DP-2014	DISPENSER PAN 16 1/2 X 10 1/2
DP-2816	DISPENSER PAN 23 X 11 3/4
DP-4721	DISPENSER PAN 42 X 16
DS3617 ENCORE	SUMP,PE,ENCORE BASE,UPP
DS3915 OVATION	SUMP,PE,WAYNE BASE,UPP
AST-2922	AST-TRANSITION SUMP
IPS-2424	INTERMED. PIPING SUMP-24
IPS-3636	INTERMED. PIPING SUMP-36
TS-2430	TRANSITION SUMP 24" BASE
TS-3630	SHALLOW BURY 36" SUMP
TS-4230	STD BURY 42" TANK SMP
TS-KIT	TS-3630/4230 RETRO FIT KIT
TM4236-0/0-OB-S	TS,MB,42"R,36"MH,O BS W/BTM,SW
TM4236-0/0-OC-H	TS,MB,42"R,36"MH,O BS,DW,HYDRO
TM4236-0/0-OC-S	TS,MB,42"R,36"MH,O BASE,SW
TM4236-0/0-OC-V	TS,MB,42"R,36"MH,O BS,DW,VACUM
TM4836-0/0-OC-H	TS,MB,48"R,36"MH,O BS,DW,HYDRO
TM4836-0/0-OC-V	TS,MB,48"R,36"MH,O BS,DW,VACUM
TMA4236-0/0-RC-S	TS,MB,42"R,36"MH,SW,W/BOND ADP
TMA4836-0/0-OB-S	TS,MB,48"R,36"MH,SW,W/BOND ADP
TMA4836-0/0-OC-S	TS,MB,48"R,36"MH,SW,W/BOND ADP
TMA4836-0/0-RC-S	TS,MB,48"R,36"MH,SW,W/BOND ADP
TMA4842-0/0-OB-S	TS,MB,48"R,42"MH,SW,W/BOND ADP
TMA4842-0/0-OC-S	TS,MB,48"R,42"MH,SW,W/BOND ADP
TD4236-0/0-OB-S	TS,DB,42"R,36"MH,O BS W/BTM,SW
TD4236-0/0-OC-S	TS,DB,42"R,36"MH,O BASE,SW
TD4836-0/0-OC-H	TS,DB,48"R,36"MH,O BS,DW,HYDRO
TD4836-0/0-OC-V	TS,DB,48"R,36"MH,O BS,DW,VACUM
TDA4236-0/0-RC-S	TS,DB,42"R,36"MH,SW,W/BOND ADP
TDA4836-0/0-OB-S	TS,DB,48"R,36"MH,SW,W/BOND ADP
TDA4836-0/0-OC-S	TS,DB,48"R,36"MH,SW,W/BOND ADP
TDA4836-0/0-RC-S	TS,DB,48"R,36"MH,SW,W/BOND ADP
DMM4236-1/0-OB-S	DMPS,MB,42"R,36"MH,BASE W/B,SW
DMM4236-1/0-OC-H	DMPS,MB,42"R,36"MH,BASE,DW,H
DMM4236-1/0-OC-S	DMPS,MB,42"R,36"MH,BASE,SW
DMM4236-2/1-OB-S	DMPS,MB,42"R,36"MH,BASE W/B,SW
DMM4236-2/1-OC-H	DMPS,42"R,36"MH,BASE,DW,H

Part Number	Description
DMM4236-2/1-OC-S	DMPS,42"R,36"MH,BASE,SW
DMM4836-2/1-OC-S	DMPS,48"R,36"MH,BASE,SW
DMM4842-4/0-OC-H	DMPS,MB,48"R,42"MH,BASE,DW,H
DMM4842-4/0-OC-S	DMPS,MB,48"R,42"MH,BASE,SW
TSS-4236	WTSS,42/36 RDCR,TURBINE COVER
TSS-4836	WTSS,48/36 RDCR,TURBINE COVER
TSS-XS36	WTSS,XERXES RDCR,TURBINE
TSS-36	SUMP SHIELD,WT,36" TURBINE
TSS-42	SUMP SHIELD,WT,42" TURBINE

Spill Containers

Part Number	Description
70245001NC	RETRO,5BG,PUMP,18"x8"MH,NC
70245001ORG	RETRO,5BG,PUMP,18"x8"MH,ORG
70245001RED	RETRO,5BG,PUMP,18"x8"MH,RED
70245001STL	RETRO,5BG,PUMP,18"x8"MH,STL
70245001WHT	RETRO,5BG,PUMP,18"x8"MH,WHT
70245001YEL	RETRO,5BG,PUMP,18"x8"MH,YEL
70245065	RETRO,5BG(CAN),PUMP,18x8MH
70245065BLK	RETRO,5BG(CAN),PUMP,18x8MH,BLK
70245065ORG	RETRO,5BG(CAN),PUMP,18x8MH,ORG
70245065RED	RETRO,5BG(CAN),PUMP,18x8MH,RED
70245065WHT	RETRO,5BG(CAN),PUMP,18x8MH,WHT
70245065YEL	RETRO,5BG(CAN),PUMP,18x8MH,YEL
70547401BLK	5BG,MB,P/P,18"x8"MH,BLK
70547401NC	5BG,MB,P/P,18"x8"MH,NC
70547401ORG	5BG,MB,P/P,18"x8"MH,ORG
70547401RED	5BG,MB,P/P,18"x8"MH,RED
70547401STL	5BG,MB,P/P,18"x8"MH,STL
70547401WHT	5BG,MB,P/P,18"x8"MH,WHT
70547401YEL	5BG,MB,P/P,18"x8"MH,YEL
70547402BLK	5BG,MB,NO DRN,18"x8"MH,BLK
70547465BLK	5BG(CAN),MB,P/P,18"x8"MH,BLK
70547465NC	5BG(CAN),MB,P/P,18"x8"MH,NC
70547465ORG	5BG(CAN),MB,P/P,18"x8"MH,ORG
70547465RED	5BG(CAN),MB,P/P,18"x8"MH,RED
70547465STL	5BG(CAN),MB,P/P,18"x8"MH,STL
70547465WHT	5BG(CAN),MB,P/P,18"x8"MH,WHT
70547465YEL	5BG(CAN),MB,P/P,18"x8"MH,YEL
70547765BLK	5BG(CAN),MB,P/P,18"x24"MH,BLK
70547765NC	5BG(CAN),MB,P/P,18"x24"MH,NC
705477NDBLK	5BG,MB,NO DRN,18"x24"MH,BLK
705477NDNC	5BG,MB,NO DRN,18"x24"MH,NC
705477NDORG	5BG,MB,NO DRN,18"x24"MH,ORG
705477NDRED	5BG,MB,NO DRN,18"x24"MH,RED
705477NDWHT	5BG,MB,NO DRN,18"x24"MH,WHT
705477NDYEL	5BG,MB,NO DRN,18"x24"MH,YEL
70549201BLK	5BG(CARB),MB,DRN,18"x8"MH,BLK
70549201RED	5BG(CARB),MB,DRN,18"x8"MH,RED
70549201WHT	5BG(CARB),MB,DRN,18"x8"MH,WHT
70549201YEL	5BG(CARB),MB,DRN,18"x8"MH,YEL
70549202BLK	5BG(CARB),MB,ND,18"x8"MH,BLK
70549202ORG	5BG(CARB),MB,ND,18"x8"MH,ORG
70549202RED	5BG(CARB),MB,ND,18"x8"MH,RED
70549202WHT	5BG(CARB),MB,ND,18"x8"MH,WHT
70549202YEL	5BG(CARB),MB,ND,18"x8"MH,YEL



Franklin Fueling Systems

CONTAINMENT

Part Number	Description
70549212BLK	5BG,E85,MB,ND,18x8MH,BLK
71544601BLK	15BG,MB,CAPD,18"x8"MH,BLK
71547401BLK	15BG,MB,P/P,18"x8"MH,BLK
71547401BRN	15BG,MB,P/P,18"x8"MH,BRN
71547401NC	15BG,MB,P/P,18"x8"MH,NC
71547401ORG	15BG,MB,P/P,18"x8"MH,ORG
71547401RED	15BG,MB,P/P,18"x8"MH,RED
71547401STL	15BG,MB,P/P,18"x8"MH,STL
71547401WHT	15BG,MB,P/P,18"x8"MH,WHT
71547401YEL	15BG,MB,P/P,18"x8"MH,YEL
71547465BLK	15BG(NYCCAN)MB,PP,18"x8"MH,BLK
71547465NC	15BG(NYCCAN)MB,PP,18"x8"MH,NC
71547465RED	15BG(NYCCAN)MB,PP,18"x8"MH,RED
71547465STL	15BG(NYCCAN)MB,PP,18"x8"MH,STL
71547465WHT	15BG(NYCCAN)MB,PP,18"x8"MH,WHT
71547465YEL	15BG(NYCCAN)MB,PP,18"x8"MH,YEL
71549201BLK	15BG(CARB)MB,DRN,18"x8"MH,BLK
71549202BLK	15BG(CARB)MB,ND,18"x8"MH,BLK
71549202ORG	15BG(CARB)MB,ND,18"x8"MH,ORG
71549202RED	15BG(CARB)MB,ND,18"x8"MH,RED
71549202WHT	15BG(CARB)MB,ND,18"x8"MH,WHT
705556101	5BG,DW,I2,DN,NPSM
705556101BLK	5BG,DW,I2,DN,NPSM,BLK
705556102	5BG,DW,I2,ND,NPSM,18X24
705556102BLK	5BG,DW,I2,ND,NPSM,18X24,BLK
705556111	5BG,DW,I2,DN,NPT,NO,CVR
705556111BLK	5BG,DW,I2,DN,NPT,BLK
705556112	5BG,DW,I2,ND,NPT,18X24
705556112BLK	5BG,DW,I2,ND,NPT,18X24,BLK
705556121	5BG,DW,I2,DN,BSPT
705556121BLK	5BG,DW,I2,DN,BSPT,BLK
705556122	5BG,DW,I2,ND,BSPT,18X24
705556122BLK	5BG,DW,I2,ND,BSPT,18X24,BLK
705556201BLK	5BG,DW,SEN,NPSM,DN,BLK
705556202BLK	5BG,DW,SEN,ND,NPSM,18X24,BLK
705556211BLK	5BG,DW,SEN,NPT,DN,BLK
705556212BLK	5BG,DW,SEN,ND,NPT,18X24,BLK
705556221BLK	5BG,DW,SEN,BSPT,DN,BLK
705556222BLK	5BG,DW,SEN,ND,BSPT,18X24,BLK
705545001CI-GKT	5GAL,AGB,SW,DN,NPSM,CI-GKT
705545002CI-GKT	5GAL,AGB,SW,ND,NPSM,CI-GKT
705545011CI-GKT	5GAL,AGB,SW,DN,NPT,CI-GKT
705545011CI-GRN	5GAL,AGB,SW,DN,NPT,CI-GRN
705545011CI-RED	5GAL,AGB,SW,DN,NPT,CI-RED
705545011CI-WHT	5GAL,AGB,SW,DN,NPT,CI-WHT
705545012CI-GKT	5GAL,AGB,SW,ND,NPT,CI-ORG
705545012CI-ORG	5GAL,AGB,SW,ND,NPT,CI-ORG
705545012CI-RED	5GAL,AGB,SW,ND,NPT,CI-RED
705545012CI-WHT	5GAL,AGB,SW,ND,NPT,CI-WHT
705545012CI-YEL	5GAL,AGB,SW,ND,NPT,CI-YEL
705545021CI-GKT	5GAL,AGB,SW,DN,BSPT,CI-GKT
705545022CI-GKT	5GAL,AGB,SW,ND,BSPT,CI-GKT
705555011CI-GKT	5GAL,AGB,DW,DN,NPT,CI-GKT,PSIS
705555101CI-GKT	5GAL,AGB,DW,I2,DN,NPSM,CI-GKT
705555102CI-GKT	5GAL,AGB,DW,I2,ND,NPSM,CI-GKT
705555111CI-GKT	5GAL,AGB,DW,I2,DN,NPT,CI-GKT
705555112CI-GKT	5GAL,AGB,DW,I2,ND,NPT,CI-GKT
705555112CI-ORG	5GAL,AGB,DW,I2,ND,NPT,ORG

Part Number	Description
705555112CI-RED	5GAL,AGB,DW,I2,ND,NPT,RED
705555112CI-WHT	5GAL,AGB,DW,I2,ND,NPT,WHT
705555112CI-YEL	5GAL,AGB,DW,I2,ND,NPT,YEL
705555201CI-GKT	5GAL,AGB,DW,SEN,DN,NPSM,CI-GKT
705555202CI-GKT	5GAL,AGB,DW,SEN,ND,NPSM,CI-GKT
705555211CI-GKT	5GAL,AGB,DW,SEN,DN,NPT,CI-GKT
705555212CI-GKT	5GAL,AGB,DW,SEN,ND,NPT,CI-GKT

Sump Accessories

Part Number	Description
SBK-1	STABILIZER BAR KIT #1
SBK-2	STABILIZER BAR KIT #2
SBK-3	STABILIZER BAR KIT #3
SBK-25	STABILIZER BAR KIT #25
STB-150-K	SC TEST BOOT ASSEMBLY - 1.50' KIT
STB-175-K	SC TEST BOOT ASSEMBLY,1.75'FOR KIT
STB-200-K	SC TEST BOOT ASSEMBLY 2.00' FOR KIT
STB-150	SC TEST BOOT ASSEMBLY 1.50
STB-175	SC TEST BOOT ASSEMBLY 1.75
STB-200	SC TEST BOOT ASSEMBLY 2.00
49-040-032-TP	REDUCER, WELD, SC, 40/32MM, TP
49-063-050	REDUCER, WELD, SC, 63/50 MM
49-063-050-TP	REDUCER,WELD,SC,63/50 MM,TP
49-075-063-1	REDUCER,WELD,SC,75/63 MM
49-075-063-TP-1	REDUCER,WELD,SC,75/63 MM,TP
49-110-063(SC)	SC SLIDING REDUCER,110/63 MM
49-110-075(SC)	SC SLIDING REDUCER,110/75 MM
49-040-032	REDUCER, WELD, SC, 40/32/MM
49-110-090	REDUCER,SC,TERM,110/90mm
49-110-090-TP	REDUCER,SC,TERM,110/90mm,TP
49-125-110	REDUCER,SC,TERM,125/110mm
49-125-110-TP	REDUCER,SC,TERM,125/110mm,TP
49-075-063TP1-U-K	REDUCER,WELD,SC,2"DW/1.5",TP
49-063-050-U	REDUCER,WELD,SC,1.5"DW/1.5
49-063-050TP-U	REDUCER,WELD,SC,1.5"DW/1.5",TP
49-075-063-1-U	REDUCER,WELD,SC,2"DW/1.5
49-075-063TP1-U	REDUCER,WELD,SC,2"DW/1.5",TP
49-110-063SC-U	REDUCER,WELD,SC,4"DW/1.5
49-110-075SC-U	REDUCER,WELD,SC,4"DW/2
49-110-090-U	REDUCER,SC,TERM,110/90mm
49-110-090TP-U	REDUCER,SC,TERM,110/90mm,TP
49-125-110-U	REDUCER,SC,TERM,125/110mm
49-125-110TP-U	REDUCER,SC,TERM,125/110mm,TP
49-031-027	REDUCER,WELD,EC,31/27 MM
49-038-033	REDUCER,WELD,EC,38/33 MM
49-063-031	REDUCER,WELD,EC,63/31 MM
49-063-038	REDUCER,WELD,EC,63/38 MM
MA-22	22" TANK MANWAY ADAPTOR
MA-24	24" TANK MANWAY ADAPTOR
TFA-400-II	4" TANK FITTING ADAPTOR ASSEMBLY GEN 2
TFA-600	6" TANK FITTING ADAPTOR
DMP36-1-WTSS-32	36" DMP WTSS,32" RISER,OSC
DMP36-1-WTSS-33	36" DMP WTSS,33" BNK RISER,OSC
DMP36-1-WTSS-42	36" DMP WTSS,42" RISER,OSC
DMP36-1-WTSS-48	36" DMP WTSS,48" RISER,OSC

SUBMERSIBLE TURBINE PUMPS

• Variable speed models are available in variable lengths only.

- Check valve: 2 $\frac{1}{4}$ " diameter fluorocarbon seal constructed with cast aluminum body and steel backing washer.
- Pressure relief valve: available in four pressure relief settings, integral to check valve. Standard model relieves at 40 psi and resets above 35 psi.
- Syphon: venturi-type syphon primer supplied with every submersible. Syphon check valve and secondary syphon sold separately.
- Air eliminator: every submersible includes a tank return path with one-way check valve to provide active air elimination.
- Electrical disconnect: electrical yoke for positive contractor disconnect during service.

Pump Motor

- 2 Hp or 4 Hp, variable speed, two-stage centrifugal type pump motor with integral, automatic, thermal overload protection.
- Max. flow: VS2 = 110 gpm, VS4 = 140 gpm.
- Max. pressure: selectable operating pressure on MagVFC™ between 24 psi and 42 psi deadhead.
- Available with MagShell™ which results in 45% increased flow area around motor.

Approvals

- cULus listed.
- Consult factory for applicable approvals.

Power Requirements

- Variable speed pumps can only be controlled by a MagVFC™ variable frequency controller:
- VS2 models can operate with single- or three-phase incoming power supply to the MagVFC™.
- VS4 models require three-phase incoming power supply to the MagVFC™ for proper operation.
- Incoming power supply to the MagVFC™ can be 200-250 VAC, 50 or 60 Hz.
- MagVFC™ outputs a three-phase, variable frequency signal, valid for FE Petro™ variable speed pumps only.
- VS2 max. motor draw: 9 Amps.
- MagVFC™ max. line draw: 20 Amps.

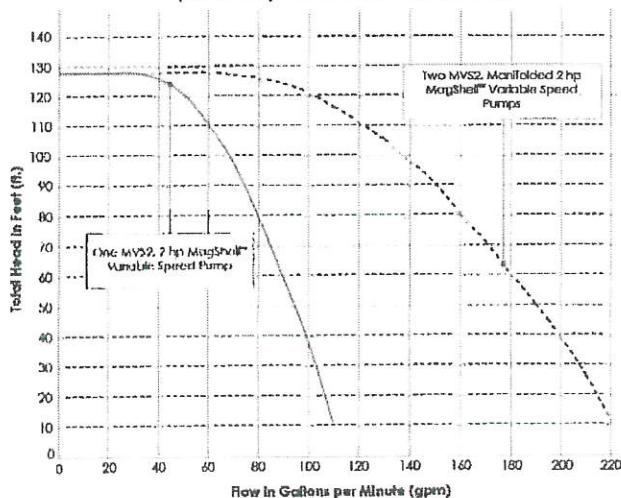
Liquid Compatibility

- Max. liquid viscosity: 70 SSU at 60 °F (15 °C).
- STP variable speed models are UL and cUL listed for fuel mixtures containing up to 10% ethanol, and 20% MTBE, 20% ETBE or 17% TAME with gasoline.
- IST variable speed models are UL and cUL listed for fuel mixtures containing diesel fuel with up to 20% biodiesel, 100% biodiesel, up to 85% ethanol with gasoline, and 20% MTBE, 20% ETBE or 17% TAME with gasoline.
- All variable speed (non-AG) models can also be used with diesel fuels, fuel oils, kerosene, Avgas and jet fuels in a non-gelled pourable state.
- All wetted elastomers are made of a high grade, fluorocarbon compound.

Quality Certification

- Franklin Fueling Systems is an ISO 9001 Certified Manufacturer.

2 hp Variable Speed Turbine Performance Chart



4 hp Variable Speed Turbine Performance Chart

