

Section 43_00_00_75A_dat(11575)

Equipment Installation Specialties

Data Sheet

Rev #	Description of Change	Author	WP #	Date
43_00_00_75A_dat(11575)				
1.0	Copy fab version 43_00_00_75H_dat(11575) Rev 8.0 as baseline to create Assembly Test document.	L. Orosco		06/08/06
2.0	Published	L. Orosco		06/08/06
2.1	Remove non AT components and add AT Tool Install components	C. Young		09/22/06
3.0	Published	C. Bustos		09/26/06
3.1	Add 3/4" & 1" to SSP-530.X, add SSP-534.X & SSP-535.X per ATIS review ARs	C. Young		11/09/06
4.0	Published	C. Bustos		12/11/06
4.1	Add 1 1/4" & 1 1/2" to ADP-506.X, add ADP-511.X, HS-502.X, SSP-536.X & SSP-540.X per ATIS review ARs	C. Young		02/28/07
5.0	Published	C. Bustos		03/12/07
5.1	Add ADP-501.02, ADP-510.12, HS-502.06, 07 & 08, HSC-501.06, 07, & 08, SSP-536.03, SSP-537.X, SSP-538.X, SSP-539.X, SSP-541.X, SSP-542.X, SSP-543.X, SSP-544.X, SSP-545.X, SSP-546.X, SSP-547.X, SSP-548.X, SSP-549.X. Remove hose color code from HS-501.X, Delete PTU-501.X, SSP-530.X per ATIS review ARs	C. Young		05/02/07
6.0	Published	L. Orosco		05/07/07
6.1	Add HSC-503.X, SSP-541.02, SSP-542.02, SSP-550.X, SSP-551.X, SSP-552.X, SSP-553.X. Add Note to HS-502.X & revise Note in SSP-540.X per ATIS review ARs	C. Young		05/21/07
7.0	Published	L. Orosco		05/25/07
7.1	Add Dixon part to HSC-501.05, Ryan Herco part to HSC-503.06, Dixon & Ryan Herco parts to HSC-503.05, 07, 08. Add SSP-537.04 per ATIS review ARs	C. Young		07/12/07
8.0	Published	L. Orosco		07/13/07
8.1	Add Notes for HS-502.X & SSP-543.X, add ADP-509.15, delete SPP-3, STR-4 & STR-5 per ATIS review ARs	C. Young		10/23/07
9.0	Published	C. Bustos		10/31/07
9.1	Add SSP-527.X per ATIS review ARs	C. Young		11/06/07
10.0	Published	M. Smith		11/15/07
10.1	Add SSP-554.X & SSP-555.X per WP	C. Young		05/02/08
11.0	Published	C. Bustos		05/05/08

Tag Number	Included	Description
HSC-502.X	X	Hose barb adapter FNPT - brass
HSC-503.X	X	Hose barb adapter MNPT – stainless steel
SSP-502.X	X	Gas filter
SSP-525.X	X	Strainer (Clear PVC)
SSP-526.X	X	Strainer (Bronze)
SSP-527.X	X	Strainer (Stainless steel)
SSP-532.X	X	Gas quick connect – brass
SSP-533.X	X	Water quick connect – brass
SSP-534.X	X	Union (to connect gas stick) – brass
SSP-535.X	X	Male connector – brass
SSP-536.X	X	Bulkhead union – stainless steel
SSP-537.X	X	Reducing union – brass
SSP-538.X	X	Male tube adapter – brass
SSP-539.X	X	Female branch tee – brass
SSP-540.X	X	Lift station
SSP-541.X	X	Union tee – brass
SSP-542.X	X	Union elbow – brass
SSP-543.X	X	Port connector – brass
SSP-544.X	X	Female tube adapter – stainless steel
SSP-545.X	X	Bulkhead male connector –stainless steel
SSP-546.X	X	Female branch tee – stainless steel
SSP-547.X	X	Reducing union – stainless steel
SSP-548.X	X	Male tube adapter – stainless steel
SSP-549.X	X	Union – stainless steel
SSP-550.X	X	Male connector – stainless steel
SSP-551.X	X	Reducing union tee - brass
SSP-552.X	X	Reducing port connector - brass
SSP-553.X	X	Female tube socket weld connector – stainless steel
SSP-554.X	X	Water stick – Ball valve, PRV & Bi-dicator
SSP-555.X	X	Water stick – Globe valve, Flowmeter & Bi-dicator

Component Data Sheet

Component tag ADP-501.X
Function Brass adapter, gauge
Design pressure
Body Brass, lengthened shoulder
End connection As indicated below x same size Swagelok

Tag Number	Manufacturer	Figure Number	Size	Dim
ADP-501.01	Swagelok	B-8-RB-4	1/2" MNPT X 1/4" FNPT	1.08"
ADP-501.02	Swagelok	B-12-RB-4	3/4" MNPT X 1/4" FNPT	1.08"

Component Data Sheet

Component tag ADP-502.X
Function PVC by brass adapter
Design pressure
Body Schedule 80 PVC
Seals Buna-N o-ring
End connection PVC socket X brass FNPT

Tag Number	Manufacturer	Figure Number	Size
ADP-502.05	Spears	835-005BR	1/2"s X 1/2" FNPT
ADP-502.07	Spears	835-007BR	3/4"s X 3/4" FNPT
ADP-502.08	Spears	835-101BR	3/4"s X 1/2" FNPT
ADP-502.10	Spears	835-010BR	1"s X 1" FNPT
ADP-502.15	Spears	835-015BR	1 1/2" X 1 1/2" FNPT

Component Data Sheet

Component tag ADP-503.X
Function PVC by brass adapter tee
Design pressure
Body Schedule 80 PVC
Seals Buna-N o-ring
End connection PVC socket X PVC socket X brass FNPT

Tag Number	Manufacturer	Figure Number	Size
ADP-503.05	Spears	802-005BR	1/2"s X 1/2"s X 1/2" FNPT
ADP-503.07	Spears	802-101BR	3/4"s X 3/4"s X 3/4" FNPT

Component Data Sheet

Component tag ADP-504.X
Function Stainless steel reinforced adapter
Design Pressure
Body Schedule 80 PVC
End Connection PVC spigot X stainless steel reinforced FNPT

Tag Number	Manufacturer	Figure Number	Size
ADP-504.05	Spears	878-005SR	1/2" X 1/2" FNPT
ADP-504.06	Spears	878-072SR	1/2" X 1/4" FNPT
ADP-504.07	Spears	878-007SR	3/4" X 3/4" FNPT
ADP-504.08	Spears	878-098SR	3/4" X 1/4" FNPT
ADP-504.10	Spears	878-010SR	1" X 1" FNPT
ADP-504.11	Spears	878-128SR	1" X 1/4" FNPT

Component Data Sheet

Component tag	ADP-505.X
Function	Stainless steel reinforced adapter
Design Pressure	
Body	Schedule 80 PVC
End Connection	PVC socket X stainless steel reinforced FNPT

Tag Number	Manufacturer	Figure Number	Size
ADP-505.03	Spears	835-003SR	3/8"s X 3/8" FNPT
ADP-505.05	Spears	835-005SR	1/2"s X 1/2" FNPT
ADP-505.07	Spears	835-007SR	3/4"s X 3/4" FNPT
ADP-505.08	Spears	835-101SR	3/4"s X 1/2" FNPT
ADP-505.10	Spears	835-010SR	1"s X 1" FNPT
ADP-505.11	Spears	835-130SR	1"s X 1/2" FNPT
ADP-505.12	Spears	835-131SR	1"s X 3/4" FNPT
ADP-505.13	Spears	835-012SR	1 1/4"s X 1 1/4" FNPT
ADP-505.15	Spears	835-015SR	1 1/2"s X 1 1/2" FNPT
ADP-505.20	Spears	835-020SR	2"s X 2" FNPT
ADP-505.25	Spears	835-025SR	2 1/2"s X 2 1/2" FNPT
ADP-505.30	Spears	835-030SR	3"s X 3" FNPT

Component Data Sheet

Component tag ADP-506.X
Function Stainless steel reinforced adapter
Design Pressure
Body Schedule 80 PVC
End Connection PVC socket X stainless steel reinforced MNPT

Tag Number	Manufacturer	Figure Number	Size
ADP-506.05	Spears	836-005R	1/2"s X 1/2" MNPT
ADP-506.07	Spears	836-007R	3/4"s X 3/4" MNPT
ADP-506.10	Spears	836-010R	1"s X 1" MNPT
ADP-506.12	Spears	836-012	1 1/4"s X 1 1/4" MNPT
ADP-506.15	Spears	836-015	1 1/2"s X 1 1/2" MNPT

Note:.12 & .15 are not stainless steel reinforced

Component Data Sheet

Component tag ADP-508.X
Function Stainless steel reinforced tee
Design Pressure
Body Schedule 80 PVC
End Connection PVC socket X PVC socket X stainless steel reinforced
FNPT

Tag Number	Manufacturer	Figure Number	Size
ADP-508.05	Spears	802-005SR	1/2"s X 1/2"s X 1/2" FNPT
ADP-508.07	Spears	802-007SR	3/4"s X 3/4"s X 3/4" FNPT

Component Data Sheet

Component tag	ADP-509.X
Function	Stainless steel reinforced reducing tee
Design Pressure	
Body	Schedule 80 PVC
End Connection	PVC socket X PVC socket X stainless steel reinforced FNPT

Tag Number	Manufacturer	Figure Number	Size
ADP-509.05	Spears	802-072SR	1/2"s X 1/2"s X 1/4" FNPT
ADP-509.07	Spears	802-098SR	3/4"s X 3/4"s X 1/4" FNPT
ADP-509.08	Spears	802-101SR	3/4"s X 3/4"s X 1/2" FNPT
ADP-509.10	Spears	802-128SR	1"s X 1"s X 1/4" FNPT
ADP-509.15	Spears	802-207SR	1 1/2" s X 1 1/2" s X 1/4" FNPT

Component Data Sheet

Component tag ADP-510.X
Function Stainless steel reinforced union
Design Pressure
Body Schedule 80 PVC
End Connection PVC socket X stainless steel reinforced FNPT

Tag Number	Manufacturer	Figure Number	Size
ADP-510.02	Spears	859-002SR	1/4"s X 1/4" FNPT
ADP-510.05	Spears	859-005SR	1/2"s X 1/2" FNPT
ADP-510.07	Spears	859-007SR	3/4"s X 3/4" FNPT
ADP-510.10	Spears	859-010SR	1"s X 1" FNPT
ADP-510.12	Spears	859-012SR	1 1/4"s X 1 1/4" FNPT
ADP-510.15	Spears	859-015SR	1 1/2"s X 1 1/2" FNPT
ADP-510.20	Spears	859-020SR	2"s X 2" FNPT

Component Data Sheet

Component tag ADP-511.X
Function PFA union adapter male
Design pressure
Body PFA
End connection Flare & Nut X MNPT

Tag Number	Manufacturer	Figure Number	Size
ADP-511.05	Saint-Gobain (Furon)	FMF88UAMN-3	1/2"
ADP-511.07	Saint-Gobain (Furon)	FMF1212UAMN-3	3/4"
ADP-511.10	Saint-Gobain (Furon)	FMF1616UAMN-3	1"

Component Data Sheet

Component tag	CS-501.X
Function	Circuit setter, calibrated balance valve
Design pressure	200 psig for Solder, 300 psig for FNPT & 175 psig for flanged connection at 250 degrees F
Body	Bronze
Ball	Brass
Seats	Glass & carbon filled TFE for 3" or less Bronze (replaceable bronze disc with EPDM seal insert and stainless steel stem)
End connection	As indicated below

Tag No.	Mfr.	Figure Number	Size	Conn. Type
CS-501.01	Bell & Gossett	CB-1S – 117401	1"	Sweat
CS-501.02	Bell & Gossett	CB-1 1/2S – 117403	1 1/2"	Sweat
CS-501.03	Bell & Gossett	CB-2S - 117404	2"	Sweat
CS-501.11	Bell & Gossett	CB-1 – 117416	1"	FNPT
CS-501.12	Bell & Gossett	CB-1 1/2 – 117104	1 1/2"	FNPT
CS-501.13	Bell & Gossett	CB-2 – 117105	2"	FNPT
CS-501.21	Bell & Gossett	CB-4 – 117035	4"	Flanged

Component Data Sheet

Component tag	FC-502.X
Function	Flexible plastic ducting, wire reinforced
Design	20°F to 160°F
Body	Medium Wall PVC
Reinforcing	Steel wire
Color	Blue/gray
Special features	Flame retardant – UL94V-O

Tag Number	Manufacturer	Size
FC-502.00	Flexhaust (Flexadux R-2)	1 1/2"
FC-502.01	Flexhaust (Flexadux R-2)	2"
FC-502.02	Flexhaust (Flexadux R-2)	2 1/2"
FC-502.03	Flexhaust (Flexadux R-2)	3"
FC-502.04	Flexhaust (Flexadux R-2)	4"
FC-502.05	Flexhaust (Flexadux R-2)	5"
FC-502.06	Flexhaust (Flexadux R-2)	6"
FC-502.07	Flexhaust (Flexadux R-2)	7"
FC-502.08	Flexhaust (Flexadux R-2)	8"
FC-502.10	Flexhaust (Flexdux R2)	10"
FC-502.12	Flexhaust (Flexdux R2)	12"

Component Data Sheet

Component tag	FC-506.X
Function	High Temp Flexible plastic ducting, wire reinforced
Design	-65°F to 225°F
Body	Medium Wall Static Dissipative Polyurethane
Reinforcing	Steel wire
Color	Black
Special features	Flame retardant – UL94V-O

Tag Number	Manufacturer	Size
FC-506.01	Flexhaust (Flexadux PU Flx Thane SD)	2"
FC-502.02	Flexhaust (Flexadux PU Flx Thane SD)	2 1/2"
FC-502.03	Flexhaust (Flexadux PU Flx Thane SD)	3"
FC-502.04	Flexhaust (Flexadux PU Flx Thane SD)	4"
FC-502.05	Flexhaust (Flexadux PU Flx Thane SD)	5"
FC-502.06	Flexhaust (Flexadux PU Flx Thane SD)	6"
FC-502.07	Flexhaust (Flexadux PU Flx Thane SD)	7"
FC-502.08	Flexhaust (Flexadux PU Flx Thane SD)	8"
FC-502.10	Flexhaust (Flexadux PU Flx Thane SD)	10"
FC-502.12	Flexhaust (Flexadux PU Flx Thane SD)	12"

Component Data Sheet

Component tag	HS-501.X (6EEP)
Function	Flexible hose, general service
Design pressure	Minus 40 degrees F to 180 degrees F
Construction	Synthetic rubber liner, one fiber braid reinforcement, synthetic rubber cover
End connection	N/A

Tag No.	Mfr.	Figure Number – Color	Size	Max Psig
HS-501.01	Parker	801-6	3/8" ID	250
HS-501.02	Parker	801-8	1/2" ID	250
HS-501.03	Parker	801-10	5/8" ID	200
HS-501.04	Parker	801-12	3/4" ID	200
HS-501.05	Parker	801-16	1" ID	175

Component Data Sheet

Component tag HS-502.X (SCEP)
Function Clear PVC tubing
Design pressure
Construction PVC liner, polyester braid reinforcement, heavy duty
End connection N/A

Tag No.	Mfr.	Figure Number	Size	Working psig
HS-502.05	Ryan Herco	0512-111	1" ID	150
HS-502.06	Ryan Herco	0512-121	1 1/4" ID	125
HS-502.07	Ryan Herco	0512-131	1 1/2" ID	100

Note: 1) Requires 2 SS band type hose clamps for this hose
2) Use Dixon parts from HSC-501.X or Dixon or Ryan Herco parts from HSC-503.X are both acceptable for this hose

Component Data Sheet

Component tag	HSC-501.X
Function	Hose barb adapter, general service
Design pressure	
Body	Brass
Trim	Brass
Seats	N/A
Seals	N/A
Packing	N/A
End connection	MNPT x Pushlok Barb (except Dixon parts)

Tag No.	Mfr.	Figure Number	MNPT Size	Hose (ID) Size
HSC-501.01	Parker	30182-6-6B	3/8"	3/8"
HSC-501.02	Parker	30182-8-8B	1/2"	1/2"
HSC-501.04	Parker	30182-12-12B	3/4"	3/4"
HSC-501.05	Parker	30182-16-16B	1"	1"
	Dixon	BST10	1"	1"
HSC-501.06	Dixon	BST20	1 1/2"	1 1/2"
HSC-501.07	Dixon	BST15	1 1/4"	1 1/4"
HSC-501.08	Dixon	BST25	2"	2"
HSC-501.11	Parker	30182-6-8B	3/8"	1/2"
HSC-501.12	Parker	30182-8-6B	1/2"	3/8"
HSC-501.13	Parker	30182-8-10B	1/2"	5/8"
HSC-501.14	Parker	30182-12-8B	3/4"	1/2"
HSC-501.15	Parker	30182-16-8B	1"	1/2"

Note: 1) Requires 2 SS band type hose clamps at end fitting for Dixon parts
2) Use Dixon parts for HS-502.X (SCEP) hoses

Component Data Sheet

Component tag HSC-502.X
Function Hose barb adapter, general service
Design pressure
Body Brass
Trim Brass
Seats N/A
Seals N/A
Packing N/A
Enc connection FNPT x Pushlok Barb

Tag No.	Mfr.	Figure Number	MNPT Size	Hose (ID) Size
HSC-502.01	Parker	30282-6-6B	3/8"	3/8"
HSC-502.04	Parker	30282-8-8B	1/2"	1/2"

Component Data Sheet

Component tag	HSC-503.X
Function	Hose barb adapter, general service
Design pressure	
Body	Stainless steel
Trim	N/A
Seats	N/A
Seals	N/A
Packing	N/A
End connection	MNPT x Pushlok Barb (except Dixon & Ryan Herco parts)

Tag No.	Mfr.	Figure Number	MNPT Size	Hose (ID) Size
HSC-503.01	Parker	30182-6-6C	3/8"	3/8"
HSC-503.02	Parker	30182-8-8C	1/2"	1/2"
HSC-503.04	Parker	30182-12-12C	3/4"	3/4"
HSC-503.05	Parker	30182-16-16C	1"	1"
	Dixon	RST10	1"	1"
	Ryan Herco	0704-010	1"	1"
HSC-503.06	Dixon	RST20	1 1/2"	1 1/2"
	Ryan Herco	0704-015	1 1/2"	1 1/2"
HSC-503.07	Dixon	RST15	1 1/4"	1 1/4"
	Ryan Herco	0704-012	1 1/4"	1 1/4"
HSC-503.08	Dixon	RST20	2"	2"
	Ryan Herco	0704-020	2"	2"
HSC-503.12	Parker	30182-8-6C	1/2"	3/8"

Note: 1) Requires 2 SS band type hose clamps at end fitting for Dixon & Ryan Herco parts
 2) Use Dixon or Ryan Herco parts for HS-502.X (SCEP) hoses

Component Data Sheet

Component tag	SSP-502.X
Function	Gas filter, low-purity
Design pressure	250 psig, 750 psig
Body	316L stainless steel
Trim	316L stainless steel
Seats	None
Seals	Teflon
Packing	None
End connection	Compression, Male
Body construction	316L stainless steel
Trim construction	316L stainless steel

Tag No.	Manu- facturer	Figure Number	Range	Size	End Flow	Conn.	Dim	PSI Inlet
SSP-502.10	Mykrolis	WG2F02PS1	N/A	1/4"	High	MSWG x MSWG	5.00"	600
	Pall	SGLF6101SM4S	N/A	1/4"	High	MSWG x MSWG	4.19"	600
SSP-502.20	Mykrolis	WGMXMBSS4	N/A	3/8"	High	MSWG x MSWG	5.00"	600
	Pall	SGLF6101SM6S	N/A	3/8"	High	MSWG x MSWG	5.0"	600
SSP-502.30	Mykrolis	WGMXMBSS4	N/A	1/2"	High	MVCR x MVCR	8.86"	250
	Pall	GLF8101SM8	N/A	1/2"	High	MSWG x MSWG	7.75"	600

Notes:

1. Filters have 25 Ra max. internal finish.

Component Data Sheet

Component tag	SSP-525.X
Function	Strainer
Design pressure	150 psig at 68 degrees F
Body	Clear PVC
Trim	Clear PVC
Seats	Viton
Seals	Viton
Screen	PVC, 20 mesh
End connection	Spigot
Body construction	One piece

Tag No.	Manufacturer	Figure Number	Size
SSP-525.01	George Fischer, Type 306	192.306.349	1/2"
SSP-525.02	George Fischer, Type 306	192.306.399	3/4"
SSP-525.03	George Fischer, Type 306	192.306.449	1"
SSP-525.04	George Fischer, Type 306	192.306.499	1 1/4"
SSP-525.05	George Fischer, Type 306	192.306.549	1 1/2"
SSP-525.06	George Fischer, Type 306	192.306.599	2"

Component Data Sheet

Component tag	SSP-526.X
Function	Strainer
Design pressure	400 psig at 150 degrees F
Body	Bronze
Cover	Bronze
Seals	PTFE O-ring
Gasket	PTFE
Screen	Stainless steel type 304, 20 mesh
End connection	As indicated below
Body construction	One piece

Tag No.	Mfr.	Figure Number	Size	Conn. Type
SSP-526.01	Conbraco	59 – 003 – 01	1/2"	FNPT
SSP-526.02	Conbraco	59 – 004 – 01	3/4"	FNPT
SSP-526.03	Conbraco	59 – 005 – 01	1"	FNPT
SSP-526.04	Conbraco	59 – 006 – 01	1 1/4"	FNPT
SSP-526.05	Conbraco	59 – 007 – 01	1 1/2"	FNPT
SSP-526.06	Conbraco	59 – 008 – 01	2"	FNPT
SSP-526.11	Conbraco	59 – 303 – 01	1/2"	Sweat
SSP-526.12	Conbraco	59 – 304 – 01	3/4"	Sweat
SSP-526.13	Conbraco	59 – 305 – 01	1"	Sweat
SSP-526.14	Conbraco	59 – 306 – 01	1 1/4"	Sweat
SSP-526.15	Conbraco	59 – 307 – 01	1 1/2"	Sweat
SSP-526.16	Conbraco	59 – 308 – 01	2"	Sweat

Component Data Sheet

Component tag	SSP-527.X
Function	Strainer
Design pressure	600 psig at 1124 degrees F
Body	Stainless steel
Cover	Stainless steel
Plug	Stainless steel
Gasket	Stainless steel type 304
Screen	Stainless steel type 304, 20 mesh
End connection	As indicated below
Body construction	One piece

Tag No.	Mfr.	Figure Number	Size	Conn. Type
SSP-527.01	Conbraco	61 – 203 – 3A1	1/2"	FNPT
SSP-527.02	Conbraco	61 – 203 – 4A1	3/4"	FNPT
SSP-527.03	Conbraco	61 – 203 – 5A1	1"	FNPT
SSP-527.04	Conbraco	61 – 203 – 6A1	1 1/4"	FNPT
SSP-527.05	Conbraco	61 – 203 – 7A1	1 1/2"	FNPT
SSP-527.06	Conbraco	61 – 203 – 8A1	2"	FNPT
SSP-527.11	Conbraco	61 – 213 – 3A1	1/2"	Socket Weld
SSP-527.12	Conbraco	61 – 213 – 4A1	3/4"	Socket Weld
SSP-527.13	Conbraco	61 – 213 – 5A1	1"	Socket Weld
SSP-527.14	Conbraco	61 – 213 – 6A1	1 1/4"	Socket Weld
SSP-527.15	Conbraco	61 – 213 – 7A1	1 1/2"	Socket Weld
SSP-527.16	Conbraco	61 – 213 – 8A1	2"	Socket Weld

Component Data Sheet

Component tag	SSP-532.X
Function	Gas quick connect
Design pressure	250 psig max.
Body	Brass
Seats	Brass
Seals	Buna N o-ring
Packing	None
End connection	As indicated below x same size Swagelok
Body construction	Two piece
Trim construction	None

Tag No.	Manufacturer	Figure Number	Size	CV	Dim.
Quick connect bulkhead body					
SSP-532.01	Swagelok	B-QC4-B1-400	1/4"	0.4	2.67"
SSP-532.02	Swagelok	B-QC6-B1-600	3/8"	1.5	2.98
SSP-532.03	Swagelok	B-QC8-B1-810	1/2"	3.3	3.56"
Quick connect stem (double-end shutoff)					
SSP-532.11	Swagelok	B-QC4-D-400	1/4"	0.4	2.42"
SSP-532.12	Swagelok	B-QC6-D-600	3/8"	1.5	2.64"
SSP-532.13	Swagelok	B-QC8-D-810	1/2"	3.3	3.16"

Component Data Sheet

Component tag	SSP-533.X
Function	Water quick connect
Design pressure	1000 psig max.
Body	Brass
Seats	Brass
Seals	Buna N o-ring
Packing	None
End connection	As indicated below x FNPT
Body construction	Two piece
Trim construction	None

Tag No.	Manufacturer	Figure Number	Size	Dim.
Quick connect coupler				
SSP-533.01	Parker	BH4-60	1/2"	2.87"
SSP-533.02	Parker	BH6-60	3/4"	3.56"
Quick connect nipple (double shutoff)				
SSP-533.11	Parker	BH4-61	1/2"	1.75"
SSP-533.12	Parker	BH6-61	3/4"	2.16"

Component Data Sheet

Component tag	SSP-534.X
Function	Union (to connect gas stick)
Design pressure	250 psig max.
Body	Brass
Seats	Brass
Seals	Brass
Packing	None
End connection	As indicated below x same size Swagelok
Body construction	One piece
Trim construction	None

Tag No.	Manufacturer	Figure Number	Size	Dim.
SSP-534.01	Swagelok	B-810-6	1/2"	2.02"
SSP-534.02	Swagelok	B-1210-6	3/4"	2.11"

Component Data Sheet

Component tag	SSP-535.X
Function	Male connector
Design pressure	250 psig max.
Body	Brass
Seats	Brass
Seals	Brass
Packing	None
End connection	As indicated below x MNPT
Body construction	One piece
Trim construction	None

Tag No.	Manufacturer	Figure Number	Size	Dim.
SSP-535.01	Swagelok	B-810-1-8	1/2"	1.93"
SSP-535.02	Swagelok	B-1210-1-12	3/4"	1.99"

Component Data Sheet

Component tag	SSP-536.X
Function	Bulkhead union
Design pressure	250 psig max.
Body	316 stainless steel
Seats	316 stainless steel
Seals	316 stainless steel
Packing	None
End connection	As indicated below x MNPT
Body construction	Eight piece
Trim construction	None

Tag No.	Manufacturer	Figure Number	Size	Dim.
SSP-536.01	Swagelok	SS-810-61	1/2"	2.80"
SSP-536.02	Swagelok	SS-1210-61	3/4"	3.11"
SSP-536.03	Swagelok	SS-1610-61	1"	3.77"

Component Data Sheet

Component tag	SSP-537.X
Function	Reducing union
Design pressure	250 psig max.
Body	Brass
Seats	Brass
Seals	Brass
Packing	None
End connection	As indicated below x same size Swagelok
Body construction	One piece
Trim construction	None

Tag No.	Manufacturer	Figure Number	Size	Dim.
SSP-537.01	Swagelok	B-1010-6-8	5/8" X 1/2"	2.05"
SSP-537.02	Swagelok	B-1210-6-10	3/4" X 5/8"	2.11"
SSP-537.03	Swagelok	B-1410-6-12	7/8" X 3/4"	2.18"
SSP-537.04	Swagelok	B-1210-6-8	3/4" X 1/2"	2.11"

Component Data Sheet

Component tag	SSP-538.X
Function	Male tube adapter
Design pressure	250 psig max.
Body	Brass
Seats	Brass
Seals	Brass
Packing	None
Body construction	One piece
Trim construction	None

Tag No.	Manufacturer	Figure Number	Size	Dim.
SSP-538.01	Swagelok	B-8-TA-1-8	1/2"	2.00"
SSP-538.02	Swagelok	B-12-TA-1-12	3/4"	2.06"

Component Data Sheet

Component tag	SSP-539.X
Function	Female branch tee
Design pressure	250 psig max.
Body	Brass
Seats	Brass
Seals	Brass
Packing	None
End connection	As indicated below x FNPT
Body construction	One piece
Trim construction	None

Tag No.	Manufacturer	Figure Number	Size	Dim.
SSP-539.01	Swagelok	B-810-3-4TTF	1/2" X 1/2" X 1/4" FNPT	2.84"
SSP-539.02	Swagelok	B-1210-3TTF	3/4" X 3/4" X 3/4" FNPT	3.52"

Component Data Sheet

Component tag	SSP-540.X
Function	Lift station
Pump - duplex	Dual voltage 50 Hz (2850 RPM) or 60 Hz (3450 RPM) single phase TEFC motor
Pump body	CPVC
Accessories	Alternating float level control with relay and on/off switch
Electrical	115-208/230V @ 60 Hz, 115-220/240V @ 50 Hz
Tank capacity	37 gallons for .01 thru .04 and 56 gallons for .05 thru .08
Tank body	HDPE
Tank inlet end connection	3" MNPT
Pump outlet end connection	1 1/4" MNPT for .01 thru .04 and 1 1/2" MNPT for .05 thru .08

Tag No.	Manufacturer	Figure Number	Motor HP	Hz	Flow GPM	TDH Feet	Tank Size LxWxH
SSP-540.01	Serfilco	CPS37-EO1-AF	1/3	50	20	18.7	18" x 24" x 18"
SSP-540.02	Serfilco	w/3" MNPT Inlet	1/3	60	20	28	18" x 24" x 18"
SSP-540.03	Serfilco	CPS37-EO3-AF	3/4	50	20	23.6	18" x 24" x 18"
SSP-540.04	Serfilco	w/3" MNPT Inlet	3/4	60	20	37	18" x 24" x 18"
SSP-540.05	Serfilco	CPS56-EO4-AF	1	50	20	37.4	24" x 30" x 18"
SSP-540.06	Serfilco	w/3" MNPT Inlet	1	60	20	55	24" x 30" x 18"
SSP-540.07	Serfilco	CPS56-EO5-AF	1.5	50	20	44.9	24" x 30" x 18"
SSP-540.08	Serfilco	w/3" MNPT Inlet	1.5	60	20	65	24" x 30" x 18"

Note:

1. Same Figure Number w/3" MNPT Inlet for both 50 Hz & 60 Hz.

2. The flow and TDH shown in the above table are based on 1.0 specific gravity liquid at ambient temperature. Higher flow rates are possible at reduced heads. Consult manufacturer's pump curves for further information. To locate manufacturer's pump curves, go to <http://www.serfilco.com>, then choose Product Bulletins P-312 and go to page 2.

Component Data Sheet

Component tag	SSP-541.X
Function	Union tee
Design pressure	250 psig max.
Body	Brass
Seats	Brass
Seals	Brass
Packing	None
End connection	As indicated below x same size Swagelok
Body construction	One piece
Trim construction	None

Tag No.	Manufacturer	Figure Number	Size	Dim.
SSP-541.01	Swagelok	B-810-3	1/2" X 1/2" X 1/2"	2.84"
SSP-541.02	Swagelok	B-1210-3	3/4" X 3/4" X 3/4"	3.14"

Component Data Sheet

Component tag	SSP-542.X
Function	Union elbow
Design pressure	250 psig max.
Body	Brass
Seats	Brass
Seals	Brass
Packing	None
End connection	As indicated below x same size Swagelok
Body construction	One piece
Trim construction	None

Tag No.	Manufacturer	Figure Number	Size	Dim.
SSP-542.01	Swagelok	B-810-9	1/2"	1.42"
SSP-542.02	Swagelok	B-1210-9	3/4"	1.57"

Component Data Sheet

Component tag	SSP-543.X
Function	Port connector
Design pressure	250 psig max.
Body	Brass
Seats	Brass
Seals	Brass
Packing	None
Body construction	One piece
Trim construction	None

Tag No.	Manufacturer	Figure Number	Size	Dim.
SSP-543.01	Swagelok	B-811-PC	1/2"	1.43"
SSP-543.02	Swagelok	B-1211-PC	3/4"	1.49"

Note: 5EE tubing can be substituted for SSP-543.X

Component Data Sheet

Component tag	SSP-544.X
Function	Female tube adapter
Design pressure	250 psig max.
Body	316 stainless steel
Seats	316 stainless steel
Seals	316 stainless steel
Packing	None
Body construction	One piece
Trim construction	None

Tag No.	Manufacturer	Figure Number	Size	Dim.
SSP-544.01	Swagelok	SS-8-TA-7-8	1/2"	2.05"
SSP-544.02	Swagelok	SS-12-TA-7-12	3/4"	2.16"
SSP-544.03	Swagelok	SS-16-TA-7-16	1"	2.53"

Component Data Sheet

Component tag	SSP-545.X
Function	Bulkhead male connector
Design pressure	250 psig max.
Body	316 stainless steel
Seats	316 stainless steel
Seals	316 stainless steel
Packing	None
Body construction	One piece
Trim construction	None

Tag No.	Manufacturer	Figure Number	Size	Dim.
SSP-545.01	Swagelok	SS-810-11-8	1/2"	2.71"
SSP-545.02	Swagelok	SS-1210-11-12	3/4"	3.00"
SSP-545.03	Swagelok	SS-1610-11-16	1"	3.67"

Component Data Sheet

Component tag	SSP-546.X
Function	Female branch tee
Design pressure	250 psig max.
Body	Stainless steel
Seats	Stainless steel
Seals	Stainless steel
Packing	None
End connection	As indicated below x FNPT
Body construction	One piece
Trim construction	None

Tag No.	Manufacturer	Figure Number	Size	Dim.
SSP-546.01	Swagelok	SS-810-3-4TTF	1/2" X 1/2" X 1/4" FNPT	2.84"
SSP-546.02	Swagelok	SS-1210-3TTF	3/4" X 3/4" X 3/4" FNPT	3.52"

Component Data Sheet

Component tag	SSP-547.X
Function	Reducing union
Design pressure	250 psig max.
Body	Stainless steel
Seats	Stainless steel
Seals	Stainless steel
Packing	None
End connection	As indicated below x same size Swagelok
Body construction	One piece
Trim construction	None

Tag No.	Manufacturer	Figure Number	Size	Dim.
SSP-547.01	Swagelok	SS-1010-6-8	5/8" X 1/2"	2.05"
SSP-547.02	Swagelok	SS-1210-6-10	3/4" X 5/8"	2.11"
SSP-547.03	Swagelok	SS-1410-6-12	7/8" X 3/4"	2.18"

Component Data Sheet

Component tag	SSP-548.X
Function	Male tube adapter
Design pressure	250 psig max.
Body	Stainless steel
Seats	Stainless steel
Seals	Stainless steel
Packing	None
Body construction	One piece
Trim construction	None

Tag No.	Manufacturer	Figure Number	Size	Dim.
SSP-548.01	Swagelok	SS-8-TA-1-8	1/2"	2.00"
SSP-548.02	Swagelok	SS-12-TA-1-12	3/4"	2.06"

Component Data Sheet

Component tag	SSP-549.X
Function	Union
Design pressure	250 psig max.
Body	Stainless steel
Seats	Stainless steel
Seals	Stainless steel
Packing	None
End connection	As indicated below x same size Swagelok
Body construction	One piece
Trim construction	None

Tag No.	Manufacturer	Figure Number	Size	Dim.
SSP-549.01	Swagelok	SS-810-6	1/2"	2.02"
SSP-549.02	Swagelok	SS-1210-6	3/4"	2.11"

Component Data Sheet

Component tag	SSP-550.X
Function	Male connector
Design pressure	250 psig max.
Body	Stainless steel
Seats	Stainless steel
Seals	Stainless steel
Packing	None
End connection	As indicated below x MNPT
Body construction	One piece
Trim construction	None

Tag No.	Manufacturer	Figure Number	Size	Dim.
SSP-550.01	Swagelok	SS-810-1-8	1/2"	1.93"
SSP-550.02	Swagelok	SS-1210-1-12	3/4"	1.99"

Component Data Sheet

Component tag	SSP-551.X
Function	Reducing union tee
Design pressure	250 psig max.
Body	Brass
Seats	Brass
Seals	Brass
Packing	None
End connection	As indicated below x same size Swagelok
Body construction	One piece
Trim construction	None

Tag No.	Manufacturer	Figure Number	Size	Dim.
SSP-551.01	Swagelok	B-1210-3-12-8	3/4" X 3/4" X 1/2"	3.14"

Component Data Sheet

Component tag	SSP-552.X
Function	Reducing port connector
Design pressure	250 psig max.
Body	Brass
Seats	Brass
Seals	Brass
Packing	None
Body construction	One piece
Trim construction	None

Tag No.	Manufacturer	Figure Number	Size	Dim.
SSP-552.01	Swagelok	B-1211-PC-8	3/4" X 1/2"	1.43"

Component Data Sheet

Component tag	SSP-553.X
Function	Female tube socket weld connector
Design pressure	250 psig max.
Body	Stainless steel
Seats	Stainless steel
Seals	Stainless steel
Packing	None
End connection	As indicated below x FNPT
Body construction	One piece
Trim construction	None

Tag No.	Manufacturer	Figure Number	Size	Dim.
SSP-553.01	Swagelok	SS-8-TSW-7-8	1/2"	1.59"
SSP-553.02	Swagelok	SS-12-TSW-7-12	3/4"	1.73"

Component Data Sheet

Component tag	SSP-554.X
Function	Water stick - Ball valve, Pressure reducing valve (PRV) and Bi-dicator
Design pressure	150 psig
Body	304L SS
Packing	PTFE
Seals	Buna N o-ring
End connection	Inlet: PVC Sch 80 Pipe Socket Outlet: PVC Sch 80 Pipe Socket for w/o PRV, MNPT for w/ PRV
Body construction	Two piece

Tag No.	Manufacturer	Figure Number	Size	PRV
SSP-554.01	Evans Components	PW-08-STRPS-PT	1/2"	No
SSP-554.02	Evans Components	PW-12-STRPS-PT	3/4"	No
SSP-554.03	Evans Components	PW-16-STRPS-PT	1"	No
SSP-554.04	Evans Components	PW-24-STRPS-PT	1 1/2"	No
SSP-554.05	Evans Components	PW-32-STRPS-PT	2"	No
SSP-554.11	Evans Components	PW-08-STRPS-VEPM-G100-PT	1/2"	Yes
SSP-554.12	Evans Components	PW-12-STRPS-VEPM-G100-PT	3/4"	Yes
SSP-554.13	Evans Components	PW-16-STRPS-VEPM-G100-PT	1"	Yes
SSP-554.14	Evans Components	PW-24-STRPS-VEPM-G100-PT	1 1/2"	Yes
SSP-554.15	Evans Components	PW-32-STRPS-VEPM-G100-PT	2"	Yes

Component Data Sheet

Component tag	SSP-555.X
Function	Water stick - Globe valve, Hedland flow meter and Bi-dicator
Design pressure	150 psig
Body	304L SS
Packing	PTFE
Seals	Buna N o-ring
End connection	Inlet: FNPT Outlet: PVC Sch 80 Pipe Socket
Body construction	Two Piece

Tag No.	Manufacturer	Figure Number	Size
SSP-555.01	Evans Components	PW-08-EZMF-GPVS-*-PT	1/2"
SSP-555.02	Evans Components	PW-12-EZMF-GPVS-*-PT	3/4"
SSP-555.03	Evans Components	PW-16-EZMF-GPVS-*-PT	1"
SSP-555.04	Evans Components	PW-24-EZMF-GPVS-*-PT	1 1/2"
SSP-555.55	Evans Components	PW-32-EZMF-GPVS-*-PT	2"

* P1: 1/2" (0.5 - 4 GPM)	* P9: 3/4" (4 - 28 GPM)	* P20: 1 1/2" (7 - 75 GPM)
* P2: 1/2" (1 - 7 GPM)	* P13: 1" (1 - 10 GPM)	* P21: 1 1/2" (10 - 100 GPM)
* P3: 1/2" (1 - 10 GPM)	* P14: 1" (3 - 18 GPM)	* P22: 2" (2 - 25 GPM)
* P4: 1/2" (1 - 16 GPM)	* P15: 1" (4 - 28 GPM)	* P23: 2" (5 - 50 GPM)
* P7: 3/4" (1 - 7 GPM)	* P18: 1-1/2" (2 - 25 GPM)	* P24: 2" (7 - 75 GPM)
* P8: 3/4" (3 - 18 GPM)	* P19: 1-1/2" (5 - 50 GPM)	* P25: 2" (10 - 100 GPM)

End of Section