



HIGH PERFORMANCE
ALL METAL PIPING SYSTEM
Compressed Air / Vacuum / Inert Gases
73mm (2.5") – 220mm (8")







Connect Elevation to Infinity for maximum advantage.

Once you've installed an Elevation header, it's common to have smaller diameter piping for drops and solid line hook-ups to machines and equipment.

Infinity, like Elevation, is comprised of an all metal, non-corrosive system with bore sizes from 20mm (3/4") up to 63mm (2 1/2"). The piping is manufactured in the same **MARINE GRADE ALUMINUM** as Elevation but promotes a different range and style of fittings.

Infinity fittings are made from solid brass and nickel-plated to provide a **STRONG AND NON-CORROSIVE** solution. The fitting design is a simple "push to connect" system and requires minimal skill, effort or tooling to install.

It couldn't be easier.

Simply drill a hole in the Elevation tubing. Attach an Outlet Saddle Clamp around the tubing to leave a female threaded connection. This allows for simple conversion between Elevation and Infinity.



It couldn't be easier.



Attach saddle clamp to
 Elevation pipe with female
 threaded connection.



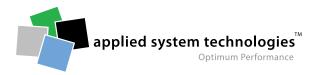
2. Screw male thread connector into female connector.



3. Attach
Infinity piping
to fitting.











GROOVE

GASKET

BOLT/NUT

Non-Corrosive Marine Grade Aluminum Tubing.

- Marine grade aluminum constructionprevents rust and system deterioration.
- Zero corrosion eliminates expensive production downtime and dramatically reduces maintenance costs.
- Smooth internal diameter insuring higher flow rates with less turbulence than traditional iron pipe, throughout the life of the system.
- O High quality powder coat finish
- O Lowest cost of ownership available.

Don't jeopardize efficiency.

Piping is responsible for the delivery of compressed air to the point of use. Material, age and condition impact both system reliability and air quality. Compressed air piping made from iron will rust and corrode, creating buildup on the interior and reducing the functional diameter. This buildup results in increasing pressure losses, as well as, contamination contributing to poor quality air.

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Components Components



TUBING

BLUE	73mm	10000-70-AIR-BLUE
	90mm	10000-90 -AIR-BLUE
Compressed Air	115mm	10000-115-AIR-BLUE
Tubing	168mm	10000-168-AIR-BLUE
Stock Item	220mm	10000-220-AIR-BLUE
	73mm	10000-70-NITRO-GREEN
GREEN	90mm	10000-90-NITRO-GREEN
Nitrogen Tubing	115mm	10000-115-NITRO-GREEN
Special Order	168mm	10000-168-NITRO-GREEN
'	220mm	10000-220-NITRO-GREEN
	1	I
	73mm	10000-70-VAC-GREY
GRAY	73mm 90mm	10000-70-VAC-GREY 10000-90-VAC-GREY
GRAY Vacuum Tubing		
Vacuum Tubing	90mm	10000-90-VAC-GREY
	90mm 115mm	10000-90-VAC-GREY 10000-115-VAC-GREY
Vacuum Tubing Special Order	90mm 115mm 168mm	10000-90-VAC-GREY 10000-115-VAC-GREY 10000-168-VAC-GREY
Vacuum Tubing	90mm 115mm 168mm 220mm	10000-90-VAC-GREY 10000-115-VAC-GREY 10000-168-VAC-GREY 10000-220-VAC-GREY
Vacuum Tubing Special Order	90mm 115mm 168mm 220mm	10000-90-VAC-GREY 10000-115-VAC-GREY 10000-168-VAC-GREY 10000-220-VAC-GREY 10000-70-GAS-BLACK
Vacuum Tubing Special Order BLACK Inert Gas Tubing	90mm 115mm 168mm 220mm 73mm	10000-90-VAC-GREY 10000-115-VAC-GREY 10000-168-VAC-GREY 10000-220-VAC-GREY 10000-70-GAS-BLACK 10000-90-GAS-BLACK
Vacuum Tubing Special Order BLACK	90mm 115mm 168mm 220mm 73mm 90mm	10000-90-VAC-GREY 10000-115-VAC-GREY 10000-168-VAC-GREY 10000-220-VAC-GREY 10000-70-GAS-BLACK 10000-90-GAS-BLACK 10000-115-GAS-BLACK







	220mm 10		000-22	0-GAS-BLACK		
	73mm tube > 1-1	/2"	М	100011-70-24		
	73mm tube > 2	,,,	М	100011-70-32		
	73mm tube > 2-1	/2"	М	100011-70-40		
ADAPTERS	73mm tube > 2-1	/2"	F	100011-70-40-F		
ADAPTERS	90mm tube > 1-1	/2"	М	100011-90-24		
NPT Male (M)	90mm tube > 2	."	М	100011-90-32		
or	90mm tube > 2-1	/2"	М	100011-90-40		
NPT Female (F)	90mm tube > 3	"	М	100011-90-48		
Cupplied without	90mm tube > 3"		F	100011-90-48-F		
Supplied without Coupling	115mm tube > 2"		М	100011-115-32		
couping	115mm tube > 2-1/2"		М	100011-115-40		
	115mm tube > 3" 115mm tube > 4" 115mm tube > 4"		М	100011-115-48		
			М	100011-115-64		
			F	100011-115-64-F		
	90mm tube > 73mm tube 100014-90-70					
	115mm tube > 73mm tube		100014-115-70			
REDUCERS	115mm tube > 90mm tube		ube	100014-115-90		
Supplied without	168mm tube > 90mm tube		tube	100014-96-48		
Couplings	168mm tube > 115mm tube		tube	100014-96-64		
Coapings	220mm tube > 115mm tube		tube	100014-220-115		
	220mm tube > 16	88mm	tube	100014-220-168		







## ANSI 150 FLANGE ADAPTERS Available in additional sizes by Special Order ### ANSI 150 FLANGE ANSI 150 FLANGE ADAPTER TEANGE ADAPTER ANSI 150 FLANGE ADAPTER ### ANSI 150 FLANGE ADAPTER TEANGE ADAPTER KIT Includes Flange, Reducer & Coupling (Additional kit flange sizes available by Special Order) ### ANSI 2-1/2" 100235-90-40 100012-48-88			
90mm to ANSI 3" 100012-48	ANGLAGO EL ANGE	73mm to ANSI 2-1/2"	100012-40
115mm to ANSI 4" 100012-64		90mm to ANSI 3"	100012-48
Telemm to ANSI 6" 100012-96 220mm to ANSI 8" 100012-128		115mm to ANSI 4"	100012-64
73mm		168mm to ANSI 6"	100012-96
## ANSI 150 ## 100012-48-0 ## 100012-48-0 ## 100012-48-0 ## 100012-64-0 ## 100012-64-0 ## 100012-96-0 ## 100012-128-0 ## 100012-128-0 ## 100012-128-0 ## 100235-90-96 ## 100235-90-90 ## 100235-90-96 ## 100235-90-90 ## 10023	sizes by special Order	220mm to ANSI 8"	100012-128
HIGH TEMP 115mm 100012-64-0 168mm 100012-96-0 220mm 100012-128-0 220mm 100012-128-0 220mm 100012-128-0 300mm to ANSI 6" 100235-90-96 90mm to ANSI 4" 100235-90-64 90mm to ANSI 2-1/2" 100235-90-40 90mm to ANSI 2" 100235-90-32 115mm to ANSI 2" 100235-90-32 115mm to ANSI 6" 100235-115-96 115mm to ANSI 3" 100235-115-48 115mm to ANSI 2" 100235-115-40 115mm to ANSI 2" 100235-115-40 115mm to ANSI 2" 100235-115-32 115mm to ANSI 2" 100012-40-GSK 90mm 100012-40-GSK 115mm 100012-40-GSK 220mm 100012-40-GSK 220mm 100012-40-GSK 90mm 100012-40-GSK 115mm 1		73mm	100012-40-O
The stand of the	ANSI 150	90mm	100012-48-O
220mm 100012-128-O	HIGH TEMP	115mm	100012-64-O
ANSI 150 FLANGE ADAPTER KIT Includes Flange, Reducer & Coupling (Additional kit flange sizes available by Special Order) REPLACEMENT FLANGE GASKET HIGH-TEMP REPLACEMENT FLANGE GASKET 90mm to ANSI 6" 90mm to ANSI 2-1/2" 100235-90-40 90mm to ANSI 2" 100235-90-32 115mm to ANSI 6" 100235-90-32 115mm to ANSI 6" 100235-115-96 115mm to ANSI 3" 100235-115-40 115mm to ANSI 2-1/2" 100235-115-40 115mm to ANSI 2" 100235-115-48 115mm to ANSI 2" 100235-115-40 100012-40-GSK 100012-40-GSK 100012-48-GSK 100012-40-GSK	FLANGE ADAPTER	168mm	100012-96-O
## ADAPTER KIT Includes Flange, Reducer & Coupling (Additional kit flange sizes available by Special Order) 115mm to ANSI 2" 100235-90-32 REPLACEMENT FLANGE GASKET 13mm 100012-48-GSK 115mm 115mm 100012-48-GSK 115mm 115mm 100012-48-GSK 115mm		220mm	100012-128-O
Somm to ANSI 4" 100235-90-64 90mm to ANSI 2-1/2" 100235-90-40 90mm to ANSI 2" 100235-90-32 115mm to ANSI 6" 100235-115-96 115mm to ANSI 3" 100235-115-48 115mm to ANSI 2" 100235-115-48 115mm to ANSI 2" 100235-115-40 115mm to ANSI 2" 100235-115-40 115mm to ANSI 2" 100235-115-32 115mm to ANSI 2" 100012-40-GSK 90mm 100012-40-GSK 115mm 100012-64-GSK 168mm 100012-96-GSK 220mm 100012-128-GSK 115mm 100012-40-GSK-0 115mm 100012-40-GSK-0 115mm 100012-64-GSK-0 115mm 100012-64-GSK-0 115mm 100012-64-GSK-0 115mm 100012-96-GSK-0 100012-9	ANGLIEGELANGE	90mm to ANSI 6"	100235-90-96
100235-90-40 90mm to ANSI 2-1/2" 100235-90-32 115mm to ANSI 2" 100235-90-32 115mm to ANSI 3" 100235-115-96 115mm to ANSI 3" 100235-115-48 115mm to ANSI 2" 100235-115-40 115mm to ANSI 2" 100235-115-40 115mm to ANSI 2" 100235-115-32 115mm to ANSI 2" 100012-40-GSK 90mm 100012-48-GSK 115mm 100012-64-GSK 120mm 100012-96-GSK 220mm 100012-128-GSK 115mm 100012-40-GSK-0 115mm 100012-40-GSK-0 115mm 100012-64-GSK-0 115mm 100012-64-GSK-0 115mm 100012-64-GSK-0 115mm 100012-96-GSK-0 100012		90mm to ANSI 4"	100235-90-64
This		90mm to ANSI 2-1/2"	100235-90-40
115mm to ANSI 6" 100235-115-96 115mm to ANSI 3" 100235-115-48 115mm to ANSI 2-1/2" 100235-115-40 115mm to ANSI 2-1/2" 100235-115-40 115mm to ANSI 2" 100235-115-32		90mm to ANSI 2"	100235-90-32
Sizes available by Special Order) 115mm to ANSI 2-1/2" 100235-115-40 115mm to ANSI 2" 100235-115-32 100012-40-GSK 90mm 100012-48-GSK 90mm 100012-64-GSK 115mm 100012-64-GSK 220mm 100012-128-GSK 220mm 100012-128-GSK 115mm 100012-40-GSK 115mm 100012-40-GSK 115mm 100012-40-GSK-O 115mm 100012-40-GSK-O 115mm 100012-64-GSK-O 115mm 100012-64-GSK-O 115mm 100012-64-GSK-O 115mm 100012-96-GSK-O 100012-9		115mm to ANSI 6"	100235-115-96
Title Titl	(Additional kit flange	115mm to ANSI 3"	100235-115-48
73mm		115mm to ANSI 2-1/2"	100235-115-40
REPLACEMENT FLANGE GASKET 90mm 100012-48-GSK 115mm 100012-64-GSK 168mm 100012-96-GSK 220mm 100012-128-GSK 73mm 100012-40-GSK-O HIGH-TEMP 90mm 100012-48-GSK-O REPLACEMENT 115mm 100012-64-GSK-O FLANGE GASKET 168mm 100012-96-GSK-O	Special Order)	115mm to ANSI 2"	100235-115-32
REPLACEMENT FLANGE GASKET 115mm 100012-64-GSK 168mm 100012-96-GSK 220mm 100012-128-GSK 220mm 100012-40-GSK-O HIGH-TEMP 90mm 100012-48-GSK-O REPLACEMENT FLANGE GASKET 115mm 100012-64-GSK-O FLANGE GASKET 168mm 100012-96-GSK-O		73mm	100012-40-GSK
115mm 100012-64-GSK 168mm 100012-96-GSK 220mm 100012-128-GSK 73mm 100012-40-GSK-O HIGH-TEMP 90mm 100012-48-GSK-O REPLACEMENT 115mm 100012-64-GSK-O 168mm 100012-96-GSK-O 100012-96-GSK-O 100012-96-GSK-O 1	DEDI ACEMENIT	90mm	100012-48-GSK
168mm 100012-96-GSK 220mm 100012-128-GSK 220mm 100012-128-GSK 73mm 100012-40-GSK-O HIGH-TEMP 90mm 100012-48-GSK-O REPLACEMENT 115mm 100012-64-GSK-O FLANGE GASKET 168mm 100012-96-GSK-O		115mm	100012-64-GSK
73mm 100012-40-GSK-O HIGH-TEMP 90mm 100012-48-GSK-O REPLACEMENT 115mm 100012-64-GSK-O FLANGE GASKET 168mm 100012-96-GSK-O	I LANGE GASKET	168mm	100012-96-GSK
HIGH-TEMP 90mm 100012-48-GSK-O REPLACEMENT 115mm 100012-64-GSK-O FLANGE GASKET 168mm 100012-96-GSK-O		220mm	100012-128-GSK
REPLACEMENT 115mm 100012-64-GSK-O FLANGE GASKET 168mm 100012-96-GSK-O		73mm	100012-40-GSK-O
FLANGE GASKET 168mm 100012-96-GSK-O	HIGH-TEMP	90mm	100012-48-GSK-O
1001111	REPLACEMENT	115mm	100012-64-GSK-O
220mm 100012-128-GSK-O	FLANGE GASKET	168mm	100012-96-GSK-O
		220mm	100012-128-GSK-O



	Size	Compatible With	Flange Size	Part Number
	73mm	100012-40	ANSI 2.5"	100012-40-BLK-KT
LANGE ADAPTER	90mm	100012-48, 100235-115-48	ANSI 3"	100012-48-BLK-KT
BOLT KIT	115mm	100012-64, 100235-90-64	ANSI 4"	100012-64-BLK-KT
	168mm	100012-96, 100235-90-96,	ANSI 6"	100012-96-BLK-KT
	10011111	100235-115-96	ANOIO	100012-90-DER-R1
	220mm	100012-128	ANSI 8"	100012-128-BLK-KT



















	73mm	100040-70-R
STRAIGHT UNION	90mm	100040-90-R
COUPLING	115mm	100040-115-R
Rigid	168mm	100040-168-R
	220mm	100040-220-R
STRAIGHT UNION	73mm	100040-70-F
COUPLING	90mm	100040-90-F
Flexible	115mm	100040-115-F
Special Order	168mm	100040-168-F
Special Order	220mm	100040-220-F
	73mm	100040-70-R-07-O
HIGH TEMP	90mm	100040-90-R-07-O
COUPLING	115mm	100040-115-R-07-O
COOPLING	168mm	100040-168-R-07-O
	220mm	100040-220-R-07-O
	73mm	100921-70-T
REPLACEMENT	90mm	100921-90-T
COUPLING SEAL	115mm	100921-115-T
Fits 107N Coupling	168mm	100921-168-T
	220mm	100921-220-T
	90mm > 73mm	100620-90-70
REDUCER	115mm > 73mm	100620-115-70
UNION	115mm > 90mm	100620-115-90
COUPLING	168mm > 115mm	100620-168-115
	220mm > 168mm	100620-220-168
oo°	73mm	100130-70
90° UNION	90mm	100130-90
ELBOW	115mm	100130-115
Includes 2 Couplings	168mm	100130-168
iliciades 2 Coupilligs	220mm	100130-220
4E°	73mm	100140-70
45° UNION	90mm	100140-90
ELBOW	115mm	100140-115
Includes 2 Couplings	168mm	100140-168
melades 2 coupilings	220mm	100140-220









Tamm		70		100000 70	
115mm 100230-115 168mm 100230-120		-			
168mm	Equal Tee				
100230-168 220mm	Includes 3 Couplings				
NPT Female (F) Or Grooved (G) Tismm tube > 1/2" F 100234-70-08		168mm		100230-168	
73mm tube > 3/4"		220mm		100230-220	
T3mm tube > 1" F 100234-70-16 T3mm tube > 1-1/2" F 100234-70-24 90mm tube > 3/4" F 100234-90-12 90mm tube > 1" F 100234-90-16 90mm tube > 1-1/2" F 100234-90-16 90mm tube > 1-1/2" F 100234-90-24 90mm tube > 1-1/2" F 100234-90-24 90mm tube > 2" F 100234-90-32 115mm tube > 1" F 100234-115-12 115mm tube > 1" F 100234-115-12 115mm tube > 1" F 100234-115-12 115mm tube > 1-1/2" F 100234-115-12 115mm tube > 1-1/2" F 100234-115-24 115mm tube > 2" F 100234-115-32 168mm tube > 2" F 100234-115-32 168mm tube > 2" F 100234-168-32 168mm tube > 90mm G 100234-168-32 168mm tube > 90mm G 100234-168-15 220mm tube > 73mm G 100234-220-70 220mm tube > 73mm G 100234-220-70 220mm tube > 90mm G 100234-220-70 220mm tube > 115mm G 100234-220-115 BUTTERFLY VALVE Tube to Tube (Ten Position) Includes 2 Couplings HIGH-TEMP BUTTERFLY VALVE Supplied without Couplings T3mm tube 100700-168 100700-115 115mm 100700-115-0-01 168mm 100700-115-0-01		73mm tube > 1/2"	F	100234-70-08	
OUTLET SADDLE CLAMP NPT Female (F) Or Grooved (G) BUTTERFLY VALVE Tube to Tube (Ten Position) Includes 2 Couplings HIGH-TEMP BUTTERFLY VALVE Supplied without Couplings Tout Includes 2 Couplings Tout Inclu		73mm tube > 3/4"	F	100234-70-12	
OUTLET SADDLE CLAMP NPT Female (F) Or Grooved (G) Butterfly Valve Tube to Tube (Ten Position) Includes 2 Couplings Pomm tube > 344" F 100234-90-12 90mm tube > 1" F 100234-90-24 90mm tube > 2" F 100234-90-32 115mm tube > 2" F 100234-90-32 115mm tube > 1" F 100234-115-12 115mm tube > 1" F 100234-115-12 115mm tube > 1" F 100234-115-12 115mm tube > 1-1/2" F 100234-115-32 168mm tube > 1-1/2" F 100234-115-32 168mm tube > 1-1/2" F 100234-115-32 168mm tube > 1-1/2" F 100234-168-32 168mm tube > 90mm G 100234-168-32 168mm tube > 90mm G 100234-168-115 220mm tube > 73mm G 100234-220-70 220mm tube > 115mm G 100234-220-70 220mm tube > 115mm G 100234-220-115 BUTTERFLY VALVE Tube to Tube (Ten Position) Includes 2 Couplings HIGH-TEMP BUTTERFLY VALVE Supplied without Couplings Tamm 100700-70-0-01 115mm tube 100700-168 220mm tube 100700-220 Tibm 100700-115-0-01 168mm 100700-115-0-01 168mm 100700-120-0-01 115mm 100700-220-0-01 NITRILE-LINED BUTTERFLY VALVE Includes 2 Couplings 115mm 100700-70-NL 90mm 100700-220-0-01 NITRILE-LINED BUTTERFLY VALVE Includes 2 Couplings 115mm 100700-70-NL 100700-90-NL 115mm 100700-70-NL		73mm tube > 1"	F	100234-70-16	
OUTLET SADDLE CLAMP NPT Female (F) Or Grooved (G) 115mm tube > 1-1/2" F 100234-90-32 115mm tube > 1" F 100234-90-32 115mm tube > 1" F 100234-90-32 115mm tube > 1" F 100234-115-12 115mm tube > 1-1/2" F 100234-115-24 115mm tube > 2" F 100234-115-32 168mm tube > 2" F 100234-115-32 168mm tube > 1-1/2" F 100234-168-32 168mm tube > 1-1/2" F 100234-168-32 168mm tube > 115mm G 100234-168-32 168mm tube > 115mm G 100234-168-115 220mm tube > 90mm G 100234-220-32 220mm tube > 73mm G 100234-220-70 220mm tube > 90mm G 100234-220-70 220mm tube > 115mm G 100234-220-70 220mm tube > 115mm G 100234-220-70 220mm tube > 115mm G 100700-70 90mm tube 115mm tube 100700-70 90mm tube 100700-90 115mm tube 100700-115 168mm tube 100700-115 168mm tube 100700-115 168mm tube 100700-115 168mm tube 100700-220 NITRILE-LINED BUTTERFLY VALVE Includes 2 Couplings 115mm 100700-90-NL 115mm 100700-90-NL 115mm 100700-90-NL 115mm 100700-90-NL 115mm 100700-90-NL 115mm 100700-90-NL		73mm tube > 1-1/2"	F	100234-70-24	
OUTLET SADDLE CLAMP NPT Female (F) Or Grooved (G) 115mm tube > 2" F 100234-90-32 115mm tube > 3/4" F 100234-115-12 115mm tube > 1" F 100234-115-12 115mm tube > 1" F 100234-115-24 115mm tube > 1-1/2" F 100234-115-24 115mm tube > 1-1/2" F 100234-115-24 115mm tube > 2" F 100234-115-32 168mm tube > 2" F 100234-115-32 168mm tube > 2" F 100234-168-32 168mm tube > 90mm G 100234-168-32 168mm tube > 90mm G 100234-168-90 168mm tube > 115mm G 100234-220-32 220mm tube > 73mm G 100234-220-70 220mm tube > 90mm G 100234-220-70 220mm tube > 115mm G 100234-220-70 220mm tube > 115mm G 100700-70 90mm tube > 115mm U 100700-115 168mm tube > 100700-15 168mm tube > 100700-15 115mm tube		90mm tube > 3/4"	F	100234-90-12	
OUTLET SADDLE CLAMP NPT Female (F) or Grooved (G) NPT Female (F) or I15mm tube > 1" F 100234-115-16 115mm tube > 2" F 100234-115-32 I68mm tube > 2" F 100234-168-24 168mm tube > 90mm G 100234-168-90 168mm tube > 115mm G 100234-220-32 220mm tube > 73mm G 100234-220-70 220mm tube > 115mm G 100234-220-70 220mm tube > 115mm G 100700-70 90mm tube 100700-90 115mm tube		90mm tube > 1"	F	100234-90-16	
115mm tube > 3/4" F 100234-115-12		90mm tube > 1-1/2"	F	100234-90-24	
SADDLE CLAMP	OUTLET	90mm tube > 2"	F	100234-90-32	
NPT Female (F) Or Grooved (G) 115mm tube > 1-1/2" F 100234-115-24 115mm tube > 2" F 100234-115-32 168mm tube > 1-1/2" F 100234-168-24 168mm tube > 2" F 100234-168-32 168mm tube > 90mm G 100234-168-90 168mm tube > 115mm G 100234-168-90 168mm tube > 115mm G 100234-220-32 220mm tube > 73mm G 100234-220-70 220mm tube > 90mm G 100234-220-70 220mm tube > 90mm G 100234-220-70 220mm tube > 115mm G 100234-220-70 220mm tube > 115mm G 100234-220-70 220mm tube > 115mm G 100700-70 115mm tube 100700-70 90mm tube 100700-115 168mm tube 100700-168 220mm tube 100700-168 220mm tube 100700-220 NITRILE-LINED BUTTERFLY VALVE Includes 2 Couplings 115mm 100700-70-NL 90mm 100700-90-NL 115mm 100700-91-NL 115mm 100700-91-NL 115mm 100700-91-NL		115mm tube > 3/4"	F	100234-115-12	
Or Grooved (G) 115mm tube > 2" F 100234-115-32 168mm tube > 1-1/2" F 100234-168-24 168mm tube > 90mm G 100234-168-32 168mm tube > 115mm G 100234-168-90 168mm tube > 115mm G 100234-220-32 220mm tube > 73mm G 100234-220-70 220mm tube > 90mm G 100234-220-70 220mm tube > 90mm G 100234-220-70 220mm tube > 90mm G 100234-220-70 220mm tube > 115mm G 100234-220-70 220mm tube > 115mm G 100234-220-115 BUTTERFLY VALVE Tube to Tube (Ten Position) Includes 2 Couplings Tibe to Tube (Ton Position) Includes 2 Couplings		115mm tube > 1"	F	100234-115-16	
Tishim tube > 2	` '	115mm tube > 1-1/2"	F	100234-115-24	
168mm tube >1-1/2" F 100234-168-24 168mm tube > 2" F 100234-168-32 168mm tube > 90mm G 100234-168-90 168mm tube > 115mm G 100234-220-32 220mm tube > 73mm G 100234-220-70 220mm tube > 90mm G 100234-220-70 220mm tube > 90mm G 100234-220-70 220mm tube > 115mm G 100234-220-70 220mm tube > 115mm G 100234-220-115 BUTTERFLY VALVE	- -	115mm tube > 2"	F	100234-115-32	
168mm tube > 90mm G 100234-168-90 168mm tube > 115mm G 100234-168-115 220mm tube > 2" F 100234-220-32 220mm tube > 73mm G 100234-220-70 220mm tube > 90mm G 100234-220-70 220mm tube > 115mm G 100234-220-90 220mm tube > 115mm G 100234-220-115 168mm tube 100700-70 115mm tube 100700-90 115mm tube 100700-115 168mm tube 100700-168 120mm tube 100700-220 115mm 100700-220 115mm 100700-90-0-01 115mm 100700-90-0-01 115mm 100700-115-0-01 168mm 100700-115-0-01 168mm 100700-115-0-01 168mm 100700-168-0-01 220mm 100700-220-0-01 115mm 100700-220-0-01 115mm 100700-200-0-01 115mm 100700-70-NL 115mm 100700-90-NL 115mm 100700-90-NL 115mm 100700-90-NL 115mm 100700-115-NL 100700-115-NL 115mm 100700-115-NL 115mm 100700-115-NL 100700-115-NL 115mm 100700-115-NL 115mm 100700-115-NL 100700-115-NL 115mm 100700-115-NL 100700-115-NL 115mm 100700-115-NL 100700-115-NL 115mm 100700-115-NL 115mm 100700-115-NL 100700-115-NL 115mm 100700-115-NL 100700-115-NL 100700-115-NL 100700-115-NL 100700-115-NL 115mm 100700-115-NL	Groovea (G)	168mm tube >1-1/2"	F	100234-168-24	
168mm tube > 115mm G 100234-168-115		168mm tube > 2"	F	100234-168-32	
220mm tube > 2" F 100234-220-32 220mm tube > 73mm G 100234-220-70 220mm tube > 90mm G 100234-220-90 220mm tube > 115mm G 100234-220-115		168mm tube > 90mm	G	100234-168-90	
220mm tube > 73mm G 100234-220-70		168mm tube > 115mm	G	100234-168-115	
220mm tube > 90mm G 100234-220-90		220mm tube > 2"			
Description Couplings Co		220mm tube > 73mm			
Tube to Tube (Ten Position)		220mm tube > 90mm	G	100234-220-90	
Tube to Tube (Ten Position) Includes 2 Couplings HIGH-TEMP BUTTERFLY VALVE Supplied without Couplings NITRILE-LINED BUTTERFLY VALVE Includes 2 Couplings 90mm tube 100700-90 115mm tube 100700-168 100700-70-0-01 115mm 100700-70-0-01 115mm 100700-115-0-01 168mm 100700-115-0-01 168mm 100700-168-0-01 220mm 100700-220-0-01 NITRILE-LINED BUTTERFLY VALVE Includes 2 Couplings 115mm 100700-115-NL		220mm tube > 115mm	G 100234-220-115		
Tube to Tube (Ten Position)	BUTTERFLY VALVE	73mm tube		100700-70	
(Ten Position) 115mm tube 100700-115 Includes 2 Couplings 220mm tube 100700-220 HIGH-TEMP BUTTERFLY VALVE 90mm 100700-70-0-01 Supplied without Couplings 15mm 100700-115-0-01 NITRILE-LINED 73mm 100700-168-0-01 BUTTERFLY VALVE 90mm 100700-70-NL Includes 2 Couplings 115mm 100700-115-NL	Tubo to Tubo	90mm tube		100700-90	
168mm tube		115mm tube		100700-115	
HIGH-TEMP 73mm 100700-70-0-01		168mm tube	100700-168		
Supplied without Couplings 90mm 100700-90-0-01 115mm 100700-115-0-01 168mm 100700-168-0-01 220mm 100700-220-0-01 NITRILE-LINED 73mm 100700-70-NL BUTTERFLY VALVE 90mm 100700-90-NL Includes 2 Couplings 115mm 100700-115-NL	Includes 2 Couplings	220mm tube	100700-220		
BUTTERFLY VALVE 90mm 100700-90-0-01 Supplied without Couplings 115mm 100700-115-0-01 168mm 100700-168-0-01 220mm NITRILE-LINED 73mm 100700-70-NL BUTTERFLY VALVE 90mm 100700-90-NL Includes 2 Couplings 115mm 100700-115-NL	HIGH-TFMP	73mm	100700-70-0-01		
Supplied without Couplings 115mm 100700-115-0-01 NITRILE-LINED 73mm 100700-70-NL BUTTERFLY VALVE 90mm 100700-90-NL Includes 2 Couplings 115mm 100700-115-NL		90mm	100700-115-0-01 100700-168-0-01		
Couplings 100700-188-0-01 220mm 100700-220-0-01 NITRILE-LINED 73mm 100700-70-NL BUTTERFLY VALVE 90mm 100700-90-NL Includes 2 Couplings 115mm 100700-115-NL	_	115mm			
NITRILE-LINED 73mm 100700-70-NL BUTTERFLY VALVE 90mm 100700-90-NL Includes 2 Couplings 115mm 100700-115-NL		168mm			
BUTTERFLY VALVE 90mm 100700-90-NL Includes 2 Couplings 115mm 100700-115-NL	Coupings	220mm			
Includes 2 Couplings 115mm 100700-115-NL	NITRILE-LINED	73mm	100700-70-NL		
, •	BUTTERFLY VALVE	90mm	1	00700-90-NL	
(special order) 168mm 100700-168-NL	, ,	115mm	1	00700-115-NL	
	(special order)	168mm	10	00700-168-NL	

















	73mm	DG	100610-70-D
PLUG – <i>CAP</i> END FITTING	90mm A		100610-90-A
_	90mm	DG	100610-90-D
Ductile Galv. (DG) or Aluminum (A)	115mm	115mm A	
Supplied without	115mm	DG	100610-115-D
Coupling	168mm	DG	100610-168-D
	220mm	DG	100610-220-D
	73mm-3/8" insert		100820-70
HANGING	90mm-3/8" insert		100820-90
BRACKET	115mm-3/8" insert		100820-115
(Galvanized Steel, Threaded Insert)	168mm - 1/2" inser includes 3/8" insert ada		100820-168
,	220mm - 1/2" inser includes 3/8" insert ada		100820-220
WIRE HANGING SYSTEM (15' length) 3/8" threaded end (replaces need for threaded rod)	73mm – 220mm pack of 10		90832-15
BEAM CLAMP	3/8"		90860
CANTILEVER	73mm		100835-70
WALL BRACKET	90mm		100835-90
Includes Bracket, Pipe Strap & Bolts	115mm		100835-115
ASSEMBLY LUBE	1 Quart Container		100910-32
	Grooving Tool (73mm-168mm)		100950-M
TOOLS	Grooving Tool (220mm)		Special Order (call)
	Grooving Tool Rental (73mm-168mm) (Weekly Rental)		100950-M-R
	Groove Gauge		100952-G

Elevation Technical Specifications

Working Pressure -29.6Hg (-0.99bar) to 220psi (15 bar)

Max Working Temperature -4°F to 176° F (100% Duty)

Tubing Material Aluminum 6063 T-5 (Marine Grade)

Manufactured and certified

to ASTM standards

Tubing Weight 73 mm - 0.86 lbs./ft

90 mm - 1.04 lbs./ft 115 mm - 1.15 lbs./ft 168 mm - 3.12 lbs./ft 220 mm - 4.95 lbs./ft

Standard Seals (-4° F to 176° F)

Nitrile Rubber

High Temperature Seals (-4° F to 300° F)

Fluoroelastomer

Fittings Aluminum, B-26, 356-T6

Ductile Iron, Galvanized,

grade 65-45-12

Standards & Approvals ASME B31.1 Power Piping

ASTM F-1476 BOCA CSA B-242 SBCCI CRN

Elevation System Flow Rates:

Cu Ft/min

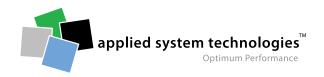
	73mm	90mm	115mm	168mm	220mm
100 PSI	948	1955	3844	10078	20944
125 PSI	1064	2162	4205	11194	23169
150 PSI	1169	2364	4591	12153	25279
220 PSI	1417	2937	5568	14740	30418

Above flow rates are based on straight line flow allowing for a 1psi pressure drop per/100ft over pipe and couplings. For loop systems, flow rates are doubled, i.e. 90mm tubing at 100 psi flows 3910 cfm.

All dimensions measured in mm, unless otherwise noted with inches symbol or text.









10 Year Guarantee

Applied System Technologies warrants its tube and fitting components to be free of leaks due to manufacturing defects for a period of 10 years from date of sale. This Express warranty is in lieu of and excludes all other warranties, guarantees or representations, express or implied, by operation of law or otherwise, including any warranty that the materials are suitable for the buyer's requirements or special use. System must be installed by an AST approved technician.

Applied System Technologies agrees to replace any component proven to have a manufacturing defect.

Applied System Technologies shall not be liable for any consequential damages nor for loss, damage or expenses directly or indirectly arising from the use of the product







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