

Opti-Purge ** FAST INFLATION PURGE SYSTEM



MOST EFFECTIVE AND EFFICIENT SOLUTION

One-Piece Unit

- Quick and easy insertion and removal
- Requires no tools for preparation, dramatically reducing operating time and costs



Proprietary Relief Valve

- Factory pre-set relief valve allows for precise flow rates
- Enables fast inflation, minimizing set-up time and reduces gas consumption
- Maintains optimum seal on pipe wall, while preventing over inflation of the unit due to over pressurization
- Releasing mechanism allows consistent even dispersion of purge gas within inflated structure to reduce turbulence

Tri-Flow Inner Tubing System

- Improves efficiency of gas flow in and out of purge area
- Expedites purging process
- Ensures optimum seal strength is achieved



Opti-Purge®

FAST INFLATION PURGE SYSTEM



High Heat Resistant Hollow Connector

- Durable exterior fabric is high heat resistant up to 1000°F (540°C) to accommodate heat affected zone (HAZ) without burning
- Supportive rods extend down length of inner layer of hollow connector to maintain structural integrity
- Luminescent indicator allows accurate and easy alignment of central point to root gap

Separate Connections For The Following:

- Blue Hose: Responsible for inflation of unit, including outer rings and central hollow connector, providing inert gas directly from the source to the purge chamber
- Black Hose: Secondary option to increase flooding of weld zone with inert gas, speeding up the purging process
- White Hose: Expels exhaust from the inner purge chamber. This
 easily connects to Aquasol's PRO OX-100 Programmable Digital
 Oxygen Monitor for most efficient O₂ level analysis

SPECIFICATIONS

ITEM NO.	DIM	IENSIONS	DESCRIPTION	
TIEW NO.	ENGLISH	METRIC	DESCRIPTION	
OPTI 48	48"	1219 mm	48" OPTI-PURGE Fast Inflation System	
OPTI 50	50"	1270 mm	50" OPTI-PURGE Fast Inflation System	
OPTI 52	52"	1321 mm	52" OPTI-PURGE Fast Inflation System	
OPTI 54	54"	1372 mm	54" OPTI-PURGE Fast Inflation System	
OPTI 56	56"	1422 mm	56" OPTI-PURGE Fast Inflation System	
OPTI 58	58"	1473 mm	58" OPTI-PURGE Fast Inflation System	
OPTI 60	60"	1524 mm	60" OPTI-PURGE Fast Inflation System	
OPTI 62	62"	1575 mm	62" OPTI-PURGE Fast Inflation System	
OPTI 64	64"	1626 mm	64" OPTI-PURGE Fast Inflation System	
OPTI 66	66"	1676 mm	66" OPTI-PURGE Fast Inflation System	
OPTI 68	68"	1727 mm	68" OPTI-PURGE Fast Inflation System	
OPTI 70	70"	1778 mm	70" OPTI-PURGE Fast Inflation System	
OPTI 72	72"	1829 mm	72" OPTI-PURGE Fast Inflation System	
OPTI 74	74"	1880 mm	74" OPTI-PURGE Fast Inflation System	
OPTI 76	76"	1930 mm	76" OPTI-PURGE Fast Inflation System	
OPTI 78	78"	1981 mm	78" OPTI-PURGE Fast Inflation System	
OPTI 80	80"	2032 mm	80" OPTI-PURGE Fast Inflation System	
OPTI 82	82"	2083 mm	82" OPTI-PURGE Fast Inflation System	
OPTI 84	84"	2134 mm	84" OPTI-PURGE Fast Inflation System	

For additional product information, quotations and ordering, please contact:

Aquasol Corporation



80 Thompson Street N. Tonawanda, NY 14120 USA

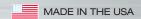
Toll Free: 1.800.564.WELD (9353) Phone: 716.564.8888

Fax: 716.564.8889

Email: info@aquasolcorporation.com aquasolwelding.com

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I-Purge® Standard Inflatable Systems (Sold as a Complete System)

				•	
ITEM NO.		DIMENSIONS		ARNESS LENGTH	DESCRIPTION
	ENGLISH	METRIC	ENGLISH	METRIC	
ABLD 2*	2"	51 mm	11"	279 mm	2" I-Purge Double Purge Bag System with High Heat Harness
ABLD 3*	3"	76 mm	11"	279 mm	3" I-Purge Double Purge Bag System with High Heat Harness
ABLD 4	4"	102 mm	11"	279 mm	4" I-Purge Double Purge Bag System with High Heat Harness
ABLD 5	5"	127 mm	11"	279 mm	5" I-Purge Double Purge Bag System with High Heat Harness
ABLD 6	6"	152 mm	11"	279 mm	6" I-Purge Double Purge Bag System with High Heat Harness
ABLD 8	8"	203 mm	11"	279 mm	8" I-Purge Double Purge Bag System with High Heat Harness
ABLD 10	10"	254 mm	12"	305 mm	10" I-Purge Double Purge Bag System with High Heat Harness
ABLD 12	12"	305 mm	12"	305 mm	12" I-Purge Double Purge Bag System with High Heat Harness
ABLD 14	14"	356 mm	16"	406 mm	14" I-Purge Double Purge Bag System with High Heat Harness
ABLD 16	16"	406 mm	16"	406 mm	16" I-Purge Double Purge Bag System with High Heat Harness
ABLD 18	18"	457 mm	16"	406 mm	18" I-Purge Double Purge Bag System with High Heat Harness
ABLD 20	20"	508 mm	18"	457 mm	20" I-Purge Double Purge Bag System with High Heat Harness
ABLD 22	22"	559 mm	18"	457 mm	22" I-Purge Double Purge Bag System with High Heat Harness
ABLD 24	24"	610 mm	18"	457 mm	24" I-Purge Double Purge Bag System with High Heat Harness
ABLD 26	26"	660 mm	20"	509 mm	26" I-Purge Double Purge Bag System with High Heat Harness
ABLD 28	28"	711 mm	20"	509 mm	28" I-Purge Double Purge Bag System with High Heat Harness
ABLD 30	30"	762 mm	20"	509 mm	30" I-Purge Double Purge Bag System with High Heat Harness
ABLD 32	32"	813 mm	20"	509 mm	32" I-Purge Double Purge Bag System with High Heat Harness
ABLD 34	34"	864 mm	20"	509 mm	34" I-Purge Double Purge Bag System with High Heat Harness
ABLD 36	36"	914 mm	20"	509 mm	36" I-Purge Double Purge Bag System with High Heat Harness
ABLD 38	38"	965 mm	36"	914 mm	38" I-Purge Double Purge Bag System with High Heat Harness
ABLD 40	40"	1016 mm	36"	914 mm	40" I-Purge Double Purge Bag System with High Heat Harness
ABLD 42	42"	1066 mm	36"	914 mm	42" I-Purge Double Purge Bag System with High Heat Harness
ABLD 44	44"	1117 mm	36"	914 mm	44" I-Purge Double Purge Bag System with High Heat Harness
ABLD 46	46"	1168 mm	42"	1067 mm	46" I-Purge Double Purge Bag System with High Heat Harness
ABLD 48	48"	1219 mm	42"	1067 mm	48" I-Purge Double Purge Bag System with High Heat Harness

I-Purge Isolator®

Modular Components (ABLD-Size-MOD A and ABLD-Size-MOD B) Sold Separately

ITEM NO.		NSIONS	DESCRIPTION		
	ENGLISH	METRIC			
ISO 2	2"	51 mm	2" I-Purge Isolator One-Sided Plug with 10' Hose and Valve		
ISO 3	3"	76 mm	3" I-Purge Isolator One-Sided Plug with 10' Hose and Valve		
ISO 4	4"	102 mm	4" I-Purge Isolator One-Sided Plug with 10' Hose and Valve		
ISO 5	5"	127 mm	5" I-Purge Isolator One-Sided Plug with 10' Hose and Valve		
ISO 6	6"	152 mm	6" I-Purge Isolator One-Sided Plug with 10' Hose and Valve		
ISO 8	8"	203 mm	8" I-Purge Isolator One-Sided Plug with 10' Hose and Valve		
ISO 10	10"	254 mm	10" I-Purge Isolator One-Sided Plug with 10' Hose and Valve		
ISO 12	12"	305 mm	12" I-Purge Isolator One-Sided Plug with 10' Hose and Valve		
ISO 14	14"	356 mm	14" I-Purge Isolator One-Sided Plug with 10' Hose and Valve		
ISO 16	16"	406 mm	16" I-Purge Isolator One-Sided Plug with 10' Hose and Valve		
ISO 18	18"	457 mm	18" I-Purge Isolator One-Sided Plug with 10' Hose and Valve		
ISO 20	20"	508 mm	20" I-Purge Isolator One-Sided Plug with 10' Hose and Valve		
ISO 22	22"	559 mm	22" I-Purge Isolator One-Sided Plug with 10' Hose and Valve		
ISO 24	24"	610 mm	24" I-Purge Isolator One-Sided Plug with 10' Hose and Valve		
ISO 26	26"	660 mm	26" I-Purge Isolator One-Sided Plug with 10' Hose and Valve		
ISO 28	28"	711 mm	28" I-Purge Isolator One-Sided Plug with 10' Hose and Valve		
ISO 30	30"	765 mm	30" I-Purge Isolator One-Sided Plug with 10' Hose and Valve		
ISO 32	32"	813 mm	32" I-Purge Isolator One-Sided Plug with 10' Hose and Valve		
ISO 34	34"	863 mm	34" I-Purge Isolator One-Sided Plug with 10' Hose and Valve		
ISO 36	36"	914 mm	36" I-Purge Isolator One-Sided Plug with 10' Hose and Valve		
ISO 38	38"	965 mm	38" I-Purge Isolator One-Sided Plug with 10' Hose and Valve		
ISO 40	40"	1016 mm	40" I-Purge Isolator One-Sided Plug with 10' Hose and Valve		
ISO 42	42"	1066 mm	42" I-Purge Isolator One-Sided Plug with 10' Hose and Valve		
ISO 44	44"	1117 mm	44" I-Purge Isolator One-Sided Plug with 10' Hose and Valve		
ISO 46	46"	1168 mm	46" I-Purge Isolator One-Sided Plug with 10' Hose and Valve		
ISO 48	48"	1219 mm	48" I-Purge Isolator One-Sided Plug with 10' Hose and Valve		

Accessory Components Optional Harness Lengths

ITEM NO.	DIMEN	SIONS	DESCRIPTION	
TIEWINO.	ENGLISH	METRIC	DESCRIPTION	
ABLD-ELH-24	24"	610 mm	24" (2') Extended Length High Heat Harness	
ABLD-ELH-36	36"	914 mm	36" (3') Extended Length High Heat Harness	
ABLD-ELH-48	48"	1219 mm	48" (4') Extended Length High Heat Harness	
ABLD-ELH-72	72"	1828 mm	72" (6') Extended Length High Heat Harness	
ABLD-ELH-CUSTOM	Any Size	Any Size	Custom Lengths Available Upon Request	
ABLD-CNADP	NA	NA	1/4" Female MPT to 1/4" Female BSPP Conversion	

For additional product information, quotations and ordering, please contact:

Aquasol Corporation

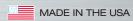
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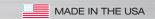
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Email: info@aquasolcorporation.com aquasolwelding.com

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I-Purge®

MODULAR INFLATABLE BLADDER SYSTEM

US & FOREIGN PATENTS PENDING CE APPROVED

THE MOST VERSATILE & ADAPTABLE SOLUTION FOR PIPE PURGING





EXTENDED HARNESS

To Accommodate Heat Zones



I-PURGE® REDUCER

For Unique Pipe Combinations



I-PURGE ISOLATOR®

One Sided Purge Plug



I-Purge®

MODULAR INFLATABLE BLADDER SYSTEM





Quick Connect Interchangeable Fittings

- · State-of-the-Art Technology
- · Snap-In Place In Seconds
- Corrosion Resistant

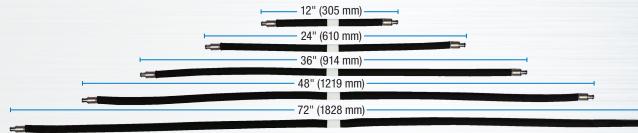




Inflatable Bladders Modules A & B

- Spark Resistant Durable Exterior Cover
- · Heavy-Duty Interior Inflatable Bag
- Combine Sizes to Create a Unique Configuration

HIGH HEAT RESISTANT HARNESS: Available Lengths



- Internal Hose and Protective External Fiberglass Sleeve Capable of Withstanding Temperatures up to 1200°F (650°C)
- Extended Length Harnesses Available to Accommodate Pre-heating and High Heat Applications
- Flexible Bridge Harness Easily Navigates Through Pipes, Including Elbows & Tees Over 90°
- Kink Resistant Hose Assures Continuous Gas Supply
- Complete With Luminescent Indicator for Accurate Alignment at Root Gap

Proprietary Relief Valve Technology

- Preset Relief Valve Allows for Precise Flow Rates
- · Decreases The Risk Of Over-Inflation
- Low Profile Relief Valve Available on 2" and 3" Models



Patent-Pending Inert Gas Diffuser*

- Disperses Inert Gas in all Directions Within the Weld Zone, Reducing Turbulence
- · Improves Weld Quality

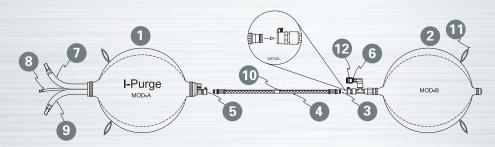
*Diffuser not available on 2" and 3" Models



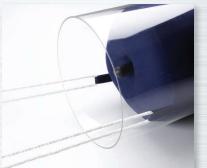
Tri-Flow Inner Tubing System (Blue, Black & Exhaust Hoses)

- · Improves Efficiency of Gas Flow In & Out of Purge Area
- Separate Connections for: Inflation of Bladders, Flooding of Weld Zone with Inert Gas, Exhaust (Connects to Oxygen Monitor for O2 Analysis)
- Expedites Purging Process
- Optimum Seal Strength Achieved

I-PURGE® MODULAR SYSTEM



PRO OK-100



I-Purge® Modular System Components:

Equipped with the Most Advanced, Interchangeable Components

- 1. Module A
- 2. Module B
- 3. Quick Connection to Module B
- 4. Stainless Steel Bridge Harness
- 5. Quick Connection to Module A
- 6. Relief Valve
- 7. Direct Purge (Black) Hose
- 8. Exhaust Monitor Connection
- 9. Inflation & Purge (Blue) Hose
- 10. Luminescent Indicator
- 11. Pull Loops
- 12. Gas Diffuser



I-Purge® Features:

- Unique Modular Design for a Customized Solution
- · Easy Change and Replacement of Components
- · Strong Pull Loops for Insertion and Removal
- · Carrying Bag for Protection and Storage
- Manufactured in the USA from the Highest Quality Materials
- Long Term, Reusable Solution

I-PURGE ISOLATOR® INFLATABLE PIPE STOPPER & SINGLE PURGE BLADDER

- Accommodates a wide range of applications, including:
- » pipe system servicing, cleaning, inspection and sealing
- Industries:
- » Oil and Petrochemical
- » Water, Gas and Drainage
- » Construction



THE PATENT-PENDING TECHNOLOGY OF THE I-PURGE® MODULAR

SYSTEM ENABLES YOU TO ACCOMPLISH A NUMBER OF DIFFERENT

PURGE REQUIREMENTS WITH ONE INTERCHANGEABLE SOLUTION



SPECIFICATIONS

I-Purge®X Modular Inflatable System (Sold as a Complete System)

ITEM NO.	MINIMUM DIAMETER		MAXIMUM DIAMETER		STANDARD HARNESS LENGTH		DESCRIPTION
HEWING.	ENGLISH	METRIC	ENGLISH	METRIC	ENGLISH	METRIC	DESCRIPTION
XABLD 2-3	2"	51 mm	3"	76 mm	11"	279 mm	2-3" I-Purge X Expandable Double Purge Bag System with High Heat Harness
XABLD 4-6	4"	102 mm	6"	152 mm	11"	279 mm	4-6" I-Purge X Expandable Double Purge Bag System with High Heat Harness
XABLD 8-12	8"	203 mm	12"	305 mm	11"	279 mm	8-12" I-Purge X Expandable Double Purge Bag System with High Heat Harness
XABLD 14-18	14"	356 mm	18"	457 mm	16"	406 mm	14-18" I-Purge X Expandable Double Purge Bag System with High Heat Harness
XABLD 20-26	20"	509 mm	26"	660 mm	18"	457 mm	20-26" I-Purge X Expandable Double Purge Bag System with High Heat Harness
XABLD 28-36	28"	711 mm	36"	914 mm	20"	509 mm	28-36" I-Purge X Expandable Double Purge Bag System with High Heat Harness
XABLD 38-48	38"	965 mm	48"	1219 mm	36"	914 mm	38-48" I-Purge X Expandable Double Purge Bag System with High Heat Harness

I-PurgeX Isolator®

ITEM NO.	DIME	NSIONS	DESCRIPTION	
	ENGLISH	METRIC	DESCRIPTION	
XISO 2-3	2-3"	51-76 mm	2-3" I-PurgeX Isolator One-Sided Plug with 10' Hose and Valve	
XISO 4-6	4-6"	102-152 mm	4-6" I-PurgeX Isolator One-Sided Plug with 10' Hose and Valve	
XISO 8-12	8-12"	203-305 mm	8-12" I-PurgeX Isolator One-Sided Plug with 10' Hose and Valve	
XISO 14-18	14-18"	356-457 mm	14-18" I-PurgeX Isolator One-Sided Plug with 10' Hose and Valve	
XISO 20-26	20-26"	509-660 mm	20-26" I-PurgeX Isolator One-Sided Plug with 10' Hose and Valve	
XISO 28-36	28-36"	711-914 mm	28-36" I-PurgeX Isolator One-Sided Plug with 10' Hose and Valve	
XISO 38-48	38-48"	965-1219 mm	38-48" I-PurgeX Isolator One-Sided Plug with 10' Hose and Valve	

I-Purge®X Modular System Components (Sold as Separate Parts)

ITEM NO. MODULE A	ITEM NO. MODULE B	DIME	NSIONS	DESCRIPTION
TEW NO. MODULE A	TIEW NO. MODULE B	ENGLISH	METRIC	DESCRIPTION
XABLD-2 MOD-A	XABLD-2 MOD-B	2"	51 mm	2" I-Purge X Module A or B
XABLD-4 MOD-A	XABLD-4 MOD-B	4"	102 mm	4" I-Purge X Module A or B
XABLD-8 MOD-A	XABLD-8 MOD-B	8"	203 mm	8" I-Purge X Module A or B
XABLD-14 MOD-A	XABLD-14 MOD-B	14"	356 mm	14" I-Purge X Module A or B
XABLD-20 MOD-A	XABLD-20 MOD-B	20"	509 mm	20" I-Purge X Module A or B
XABLD-28 MOD-A	XABLD-28 MOD-B	28"	711 mm	28" I-Purge X Module A or B
XABLD-38 MOD-A	XABLD-38 MOD-B	38"	965 mm	38" I-Purge X Module A or B

Accessory Components Optional Harness Lengths

ITEM NO.	DIM	ENSIONS	DESCRIPTION	
ITENTINO.	ENGLISH	METRIC	DESCRIPTION	
ABLD-ELH-24	24"	610 mm	24" (2') Extended Length High Heat Harness	
ABLD-ELH-36	36"	914 mm	36" (3') Extended Length High Heat Harness	
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ABLD-ELH-CUSTOM	Any Size	Any Size	Custom Lengths Available Upon Request	
ABLD-CNADP	NA	NA	1/4" Female MPT to 1/4" Female BSPP Conversion	

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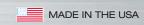
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I-PurgeX

MODULAR INFLATABLE BLADDER SYSTEM

US & FOREIGN PATENTS ISSUED & PENDING CE APPROVED



ALL NEW EXPANDABLE & EXTENDABLE MODULAR SYSTEM

ONE SYSTEM FITS MULTIPLE PIPE SIZES







MODULAR INFLATABLE BLADDER SYSTEM





Quick Connect Interchangeable Fittings

- State-of-the-Art Technology
- · Snap-In Place In Seconds
- Corrosion Resistant





Inflatable Bladders Modules A & B

- One Size Expands and Contracts to Fit Multiple Pipe Sizes
- Spark Resistant Exterior Cover Does Not Melt
- · Heavy-Duty Interior Inflatable Bag



- Internal Hose and Protective External Fiberglass Sleeve Capable of Withstanding Temperatures up to 1200°F (650°C)
- Extended Length Harnesses Available to Accommodate Pre-heating and High Heat Applications
- Flexible Bridge Harness Easily Navigates Through Pipes, Including Elbows & Tees Over 90°
- · Kink Resistant Hose Assures Continuous Gas Supply
- Complete With Luminescent Indicator for Accurate Alignment at Root Gap

Proprietary Relief Valve Technology

- Preset Relief Valve Allows for Precise Flow Rates
- · Decreases The Risk Of Over-Inflation
- · Low Profile Relief Valve Available on 2" and 3" Models



Patent-Pending Inert Gas Diffuser*

- · Disperses Inert Gas in all Directions Within the Weld Zone, Reducing Turbulence
- Improves Weld Quality

*Diffuser not available on 2" and 3" Models

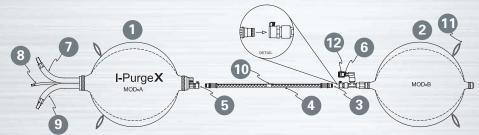


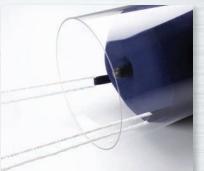
Tri-Flow Inner Tubing System (Blue, Black & Exhaust Hoses)

- Improves Efficiency of Gas Flow In & Out of Purge Area
- · Separate Connections for:
- · Inflation of Bladders, Flooding of Weld Zone with Inert Gas, Exhaust (Connects to Oxygen Monitor for O2 Analysis)
- Expedites Purging Process
- Optimum Seal Strength Achieved

I-PURGE®X MODULAR SYSTEM

EQUIPPED WITH BLADDER EXPANSION TECHNOLOGY





I-Purge®X Modular System Components:

- 1. Module A
- 2. Module B
- 3. Quick Connection to Module B
- 4. Stainless Steel Bridge Harness
- 5. Quick Connection to Module A
- 6. Relief Valve
- 7. Direct Purge (Black) Hose
- 8. Exhaust Monitor Connection
- 9. Inflation & Purge (Blue) Hose
- 10. Luminescent Indicator
- 11. Pull Loops
- 12. Gas Diffuser



I-Purge®X Features:

- Bladder Expansion Technology Enables One Unit to Fit Multiple Pipe Sizes
- · Unique Modular Design for a Customized Solution
- Easy Change and Replacement of Components
- Strong Pull Loops for Insertion and Removal
- Carrying Bag for Protection and Storage
- Manufactured in the USA from the Highest Quality Materials
- · Long Term, Reusable Solution

I-PURGEX ISOLATOR® INFLATABLE PIPE STOPPER & SINGLE PURGE BLADDER

- · Accommodates a wide range of applications, including:
- » pipe system servicing, cleaning, inspection and sealing
- Industries:
- » Oil and Petrochemical
- » Water, Gas and Drainage
- » Construction



EASY TO USE. REQUIRES NO TOOLS. **EXPANDABLE**, **EXTENDABLE** & **EXTRAORDINARY!**