

SPECIFICATIONS



MADE IN THE USA

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

ITEM NO.	DIMENSIONS		STANDARD HARNESS 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.	DIMENSIONS		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
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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.	DIMENSIONS		DESCRIPTION
	ENGLISH	METRIC	
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:

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Distributed By:



MADE IN THE USA

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



aquasolwelding.com



# I-Purge®

## MODULAR INFLATABLE BLADDER SYSTEM



### Quick Connect Interchangeable Fittings

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



Module A

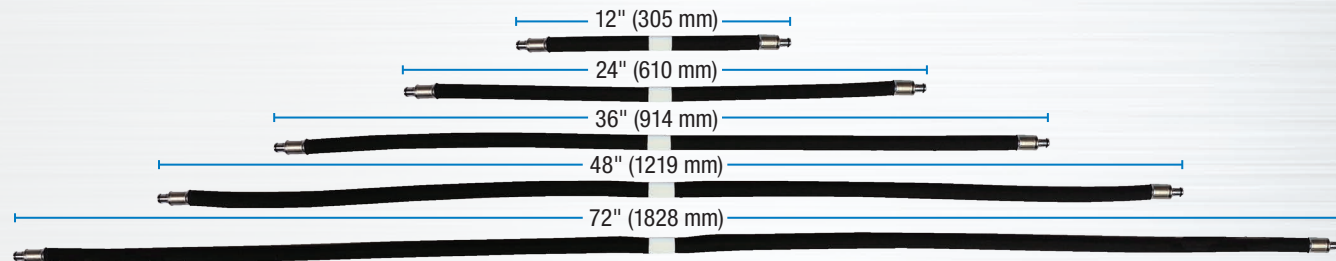


Module B

### 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

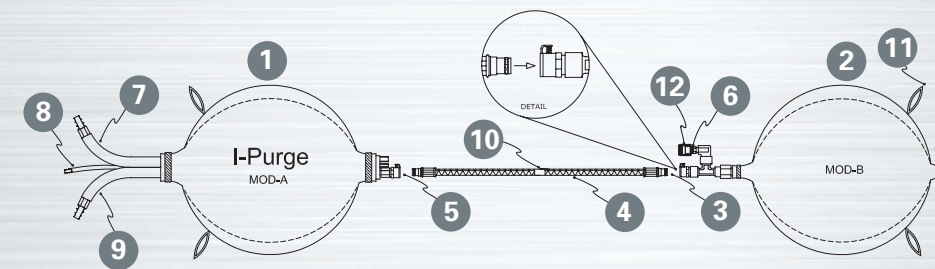
\*Diffuser not available on 2" and 3" Models

### 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



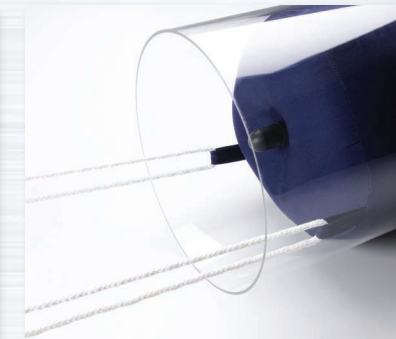
## I-PURGE® MODULAR SYSTEM



### 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. Fiberglass High Heat 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**