

SPECIFICATIONS

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 |

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

I-Purge Isolator®

| 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 |
| 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.        | 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 |

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



Module A

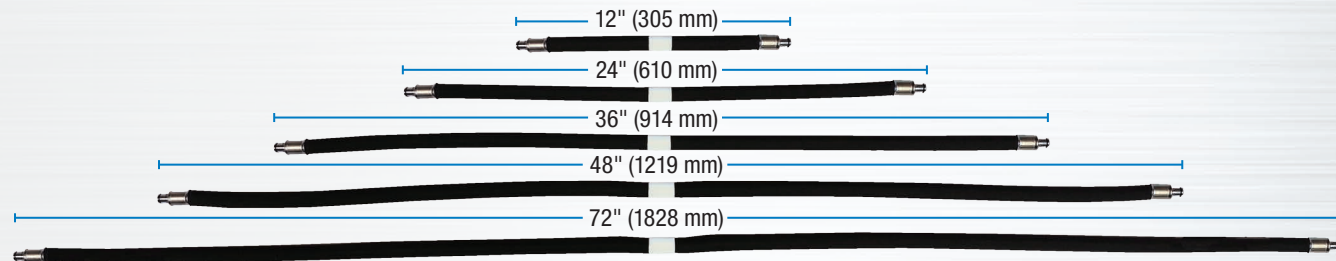


Module B

### 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

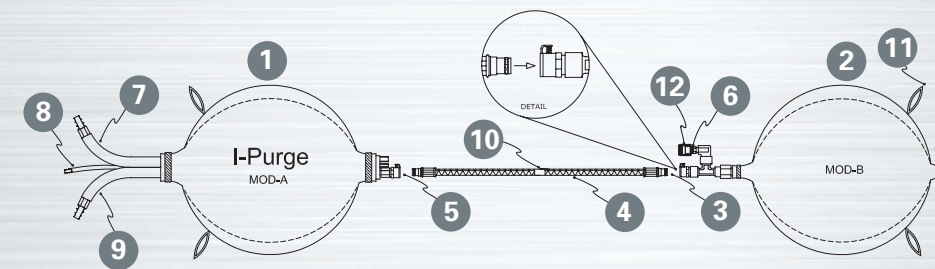
\*Diffuser not available on 2" and 3" Models

### 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



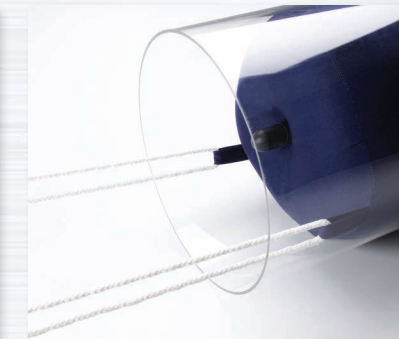
## I-PURGE® MODULAR SYSTEM



### 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. 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**