

## Electr-O-Fuze™ Transition Sump Top 1

### Product Description

Electr-O-Fuze™ Sumps use a combination of proven technologies for its success, these are: Split sump principles for easy access during installation, safe and reliable proven electro fusion technology using closed wire principles for sealing when the installation is complete. Electr-O-Fuze™ Sumps also come with a fluorination option of the sump bottoms for extra protection against hydrocarbon leaks such as gasoline and diesel. When used with a Electr-O-Fuze™ EF welding machine.

Large lockable access door for easy maintenance. Extended flat shoulder at back section of sump for perpendicular exit of piping.

### Applications

- Service Stations
- Marinas
- Transition Sumps
- Joining of Lines
- Airports
- Non-Contaminated & Contaminated Sites
- Valve Boxes



### Specifications

- Sump Type: Rotomolded Poly-ethylene sump is split into 2 parts for easy access during installation. The fusion wire, coupled with 'safe' low voltage operation (42V), while absolute security of the weld is ensured using the amperage/time feature in conjunction with the fully automatic Electr-O-Fuze™ EF welding machine. Once welded this joint must not be breached or altered as this will break the integrity of the fusion and will lead to leaks.  
  
Electr-O-Fuze™ sumps have the option of having the base fluorinated, for maximum protection against hydrocarbons from the inside and outside.
- Electrofusion Machine: Electr-O-Fuze™ EF welding machine with memory, bar code reader, printing and error reporting.
- Test Vacuum: 10"Hg over 24 hours
- Dimensions: Base: 42" long, 28" wide, 17.5" high (external).  
Top: fixed section 42" long, 28" wide and 10.5"  
Top: **adjustable section** 36" long, 17" wide and 13" **adjustable height**.

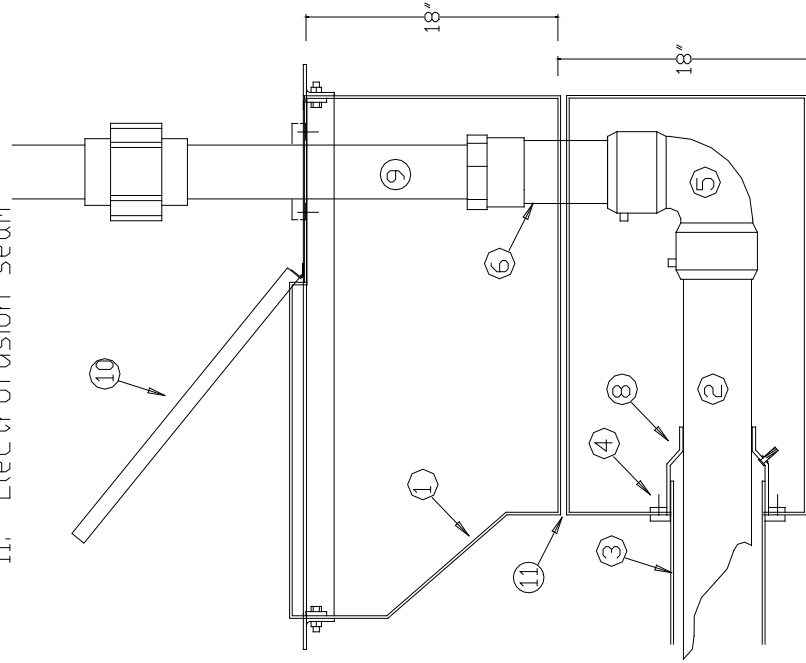
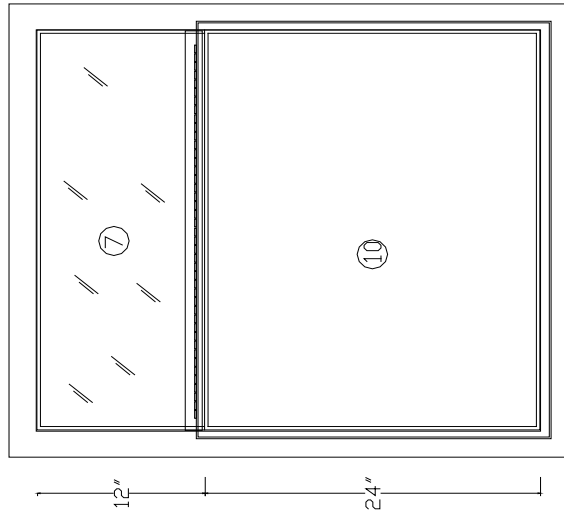
### Installation

Installation, use, and maintenance of all Electr-O-Fuze™ products shall be in accordance with the manufacturer's recommendations, State and county approvals. In event of conflicts, the stricter requirement shall govern. (AEP installation manual available directly from AEP, or at info@aep-inc.net). All operators to be AEP certified on both the fusion procedures of the sumps and electro fusion machine

### Certifications/Approvals

- State of Florida EQ 683 and EQ 617 – and Derm Approval
- State of Michigan MUSTR – Rule 9, subsections 280.20 (b)

- 1. Containment Transition Sump
- 2. Fluorinated Pipe
- 3. Co-axial Secondary Fluorinated Content Pipe
- 4. Entry Boot
- 5. Electrofusion 90 Deg Elbow
- 6. Electrofusion Spigot Transition
- 7. Sump perpendicular exit shoulder
- 8. Test Boot with Schraeder Valve
- 9. Black Steel Pipe
- 10. 24" X 38" access cover
- 11. Electrofusion seam



PROJECT	SCALE : NTS	DATE : 040811
<b>STANDARD DETAILS</b>		
DRAWING	TRANSITION PIPING SUMP TOP 1	DRAWN : G.Boyozis
		APPROVED :
		DRAWING NO. : TRS-AEP003