

## Trench Adapter



The Trench Adapter is a fully adjustable valve box and extension stem system available in trench depths ranging from 3 feet to 13 feet. The Trench Adapter eliminates the problems of trying to locate and engage the operating nut on the valve. The Trench Adapter ensures that the valve can be operated at ground level. All you have to do is remove the lid and the operating nut is accessible and ready to use. A grit washer supports the extension stem in the top section of the valve box. The grit washer is designed to keep dirt and grit from entering the valve box interior. The valve box lid is color coded to indicate drinkable water, sewer or reuse water.

Each Trench Adapter includes a self-centering alignment ring. This two-piece ring installs in seconds and locks in place under the wrench nut of the valve. The centering ring aligns the valve box dead center over the valve. The sides of the alignment ring are 1½" high, which aids in keeping the valve box in a vertical position while backfilling the trench. This makes correct installation of a valve box easier than ever before. The alignment ring can be purchased separately for use with standard valve boxes.

**Installation instructions are available from your local Team EJP sales office**

### Benefits:

- Quick and easy height adjustment.
- Built in extension stem automatically adjusts to the same height as the valve box. Eliminates field cut extension stems.
- Operating nut will always be at groundline. Eliminates the need for a long T-handle wrench.
- Saves time in locating valve stem in emergency situations.
- Extension stem torque tested to 1,000 foot pounds.
- Valve box is sealed from mud, dirt and gravel.
- Risers available for height adjustment should there be a grade change.
- High strength, thick wall polyethylene construction for durability.

AFC Trench Adapt. w/CI Lid	NO.	LENGTH		PRODUCT NUMBER
		MIN.	MAX.	
	1	18.25	20.25	44991
	2	22.25	28.25	44992
	3	24.75	32.50	44993
	4	29.75	40.50	44994
	5	37.75	56.50	44995
	6	49.75	80.50	44996
	7	73.75	128.5	44997

### SHORT SPEC:

Valve boxes shall be an assembled unit composed of the valve box, extension stem, and a self-centering alignment ring. All moving parts of the extension stem shall be enclosed in a housing to prevent contact with the soil. Valve box assembly shall be adjustable to accommodate variable trench depths.

The valve box shall be made of minimum ¼" heavy wall high density polyethylene. All components shall be joined with a permanent locking design. The valve box top section shall be adaptable to fit inside a standard valve box upper section.

The stem assembly shall be of a telescoping design that allows for variable adjustment length. The material shall be galvanized steel square tubing. The stem assembly shall have a built-in device that keeps the stem assembly from disengaging at its fully extended length. The extension stem must be torque tested to 1,000 foot pounds. Valve box shall be American Flow Control's Trench Adapter or equal.