



# PARSON STAINLESS STEEL MANHOLE INSERT

## DESCRIPTION:

The manhole insert is manufactured from 18 gauge, 304 stainless steel and have been proven effective in reducing or preventing surface water inflow to the collection system, through the manhole lid. Operating, utility and maintenance costs for plant equipment and pumps are minimized, due to reduced flow during heavy rainfall. PARSON STAINLESS STEEL MANHOLE INSERTS are a practical solution to expensive plant expansions, new construction moratoriums or high sewage treatment costs.

## ADVANTAGES:

- Dramatically reduces sewage treatment costs
- Requires no maintenance
- Easy installation and removal
- Extremely durable
- Keeps grit, sand, salt, chemical spills, foreign objects, road oils, etc. from entering the Collection System

## GASKET:

- The gasket is manufactured from closed cell neoprene material and is attached by a pressure sensitive adhesive, to the weight-bearing surface of the dish.



## REMOVAL:

- The manhole insert shall have a corrosion resistant 1" heavy weight polypropylene strap installed for easy removal and re-installation into the manhole frame.
- One Plastic Coated Stainless Steel handle pop riveted to the insert with a #6 high grade Stainless Steel rivet are also available.

## VENTING:

- The ventilation system utilizes one valve manufactured of a Polypropylene Ethylene compound. The valve material shall be unaffected by temperature within a range of -70°F to 350°F. The valve body and components shall be corrosion and wear resistant and be designed to release gas pressure at a minimum of 1 psi. and have a water leak-down rate no greater than 5 gallons per 24 hours.

## INSTALLATION:

- No special tools are required.
- The manhole frame rim shall be cleaned of all dirt and debris before placing the manhole insert upon the rim.
- The manhole insert shall be fully seated around the manhole frame rim.
- The manhole cover is replaced as before, and the installation is complete.

## MEASURING INSTRUCTIONS

### MEASUREMENTS NEEDED FOR PROPER INSTALLATION OF PARSON STAINLESS STEEL MANHOLE INSERTS

(Please enclose a copy of this drawing with your order)

