

# CONCENTRIC & ECCENTRIC REDUCERS

## MADE OF FRP/PVC COMPOSITE AND STAINLESS STEEL T304

### ENGINEERING DATA & PART NUMBERS

Inlet x Outlet Flange Size (Inches)	Length of Reducer (Inches)		CONCENTRIC REDUCER Part Numbers		ECCENTRIC REDUCER Part Numbers	
	FRP/PVC	SS304	FRP/PVC	Stainless	FRP/PVC	Stainless
4" x 2"	8.25"	7"	RC8042F	RC6042S	RE8042F	RE6042S
4" x 3"	8.50"	7"	RC8043F	RC6043S	RE8043F	RE6043S
6" x 3"	10.25"	12"	RC8063F	RC6063S	RE8063F	RE6063S
6" x 4"	10.63"	12"	RC8064F	RC6064S	RE8064F	RE6064S
6" x 5"	11.00"	12"	RC8065F	RC6065S	RE8065F	RE6065S
8" x 4"	14.00"	12"	RC8084F	RC6084S	RE8084F	RE6084S
8" x 5"	14.38"	12"	RC8085F	RC6085S	RE8085F	RE6085S
8" x 6"	14.75"	12"	RC8086F	RC6086S	RE8086F	RE6086S
10" x 5"	15.63"	14"	RC8105F	RC6105S	RE8105F	RE6105S
10" x 6"	16.00"	14"	RC8106F	RC6106S	RE8106F	RE6106S
10" x 8"	17.25"	14"	RC8108F	RC6108S	RE8108F	RE6108S
12" x 6"	18.75"	14"	RC8126F	RC6126S	RE8126F	RE6126S
12" x 8"	20.00"	14"	RC8128F	RC6128S	RE8128F	RE6128S
12" x 10"	21.25"	14"	RC81210F	RC61210S	RE81210F	RE61210S
14" x 8"	20.50"	14"	RC8148F	RC6148S	RE8148F	RE6148S
14" x 10"	21.75"	14"	RC81410F	RC61410S	RE81410F	RE61410S
16" x 8"	20.50"	14"	RC8168F	RC6168S	RE8168F	RE6168S
16" x 10"	21.75"	14"	RC81610F	RC61610S	RE81610F	RE61610S
16" x 12"	23.50"	14"	RC81612F	RC61612S	RE81612F	RE61612S

### SPECIFICATION FOR STAINLESS STEEL REDUCERS

#### 1.0 SCOPE

This specifications covers requirements for stainless steel reducers for use in aquatic piping systems where maximum resistance to corrosion, pressure and temperature is required.

#### 2.0 REDUCER DESIGN

- 2.1 Reducer shall be flanged, Concentric or Eccentric Type.
- 2.2 Reducer shall be rated for 50 psi (NON SURGE LOAD) at 75 deg. F.
- 2.3 Reducers shall be as manufactured by Fluidtrol Process Technologies, Inc.

#### 3.0 CONSTRUCTION

- 3.1 Strainer body shall be SCH 10 304 SS.
- 3.2 Flanges shall be ANSI 150# Drilling Pattern.

#### 4.0 STANDARDS

- 4.1 All products/materials/welding shall conform to or exceed the specifications as set forth in the following standards: AWS D1.1, AWS D1.3, ASME B31.4, and ASME B31.9

### SPECIFICATION FOR FRP/PVC REDUCERS

#### 1.0 SCOPE

This specifications covers requirements for FRP/PVC reducers intended for use in aquatic piping systems where maximum resistance to corrosion, pressure and temperature is required.

#### 2.0 REDUCER DESIGN

- 2.1 Reducer shall be Flanged, Concentric or Eccentric Type.
- 2.2 Reducer shall be rated for 50 psi (NON SURGE LOAD) at 75 deg. F.
- 2.3 Reducers shall be as manufactured by Fluidtrol Process Technologies, Inc.

#### 3.0 CONSTRUCTION

- 3.1 Reducer shall be of dual material construction: PVC with FRP over wrap schedule 40 PVC minimum, solvent fused and back welded prior to FRP over wrap. All joints to be spark tested.
- 3.2 All flanges to ANSI 150 # Van Stone Type.
- 3.4 Exterior protection shall be unsaturated polyester resin-based gel coat- 10 mils minimum.

#### 4.0 STANDARDS

- 4.1 All products shall conform to or exceed the specifications as set forth in the following standards: Cell Class 23447-B as in ASTM D-1784, F-441, F-437, F-493, and ANSI B 16.5 cl 150