

### VAREC BIOGAS 220VP Series VIEW PORT INSPECTION COVER

The 220VP Series View Port Inspection Cover is designed for use on tanks where view inspection is desired.

#### Introduction

The Varec Biogas 220VP Series View Port Inspection Covers are designed for use on tanks or digesters where visible interior inspection is desired. The 220VP Series covers are designed for working pressure up to 1 PSIG (6.9kPa).

#### Features

Varec Biogas 220VP View Port Inspection Covers come equipped with a weatherhood held in place by two hinged release bolts to provide protection for the polycarbonate observation window.

The polycarbonate window is held in place with 12 quick-opening stainless steel cast wing bolts and nuts to facilitate maintenance of the glass. A two-sided neoprene wiper is provided with a lever handle to allow cleaning of the observation window from both sides. This design provides a rugged yet lightweight cover that is easy to handle.



#### Technical Data

- Easy viewing access of vessel
- Even load distribution design
- Gas-tight seal
- Non-sparking
- Maximum working pressure 1 PSIG (6.9kPa).

#### Materials

- Epoxy Coated Steel or 316L SS Construction with polycarbonate observation window
- 2 sided Neoprene wiper with lever handle
- Weatherhood with two quick release bolts
- OPTIONAL:  
Spray Wash System to clean underside of window (water supply and pump by others)

**Specifications**

**Sizes**

16", 18", 24", 30", 36"

Consult factory for special size requirements.

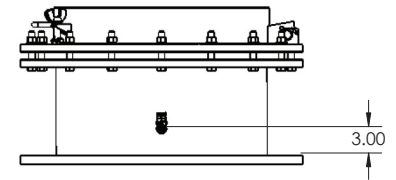
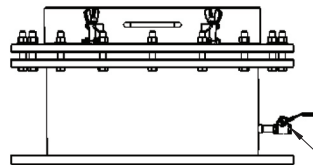
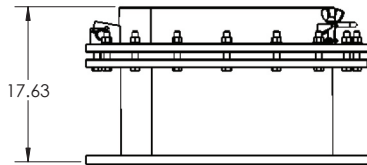
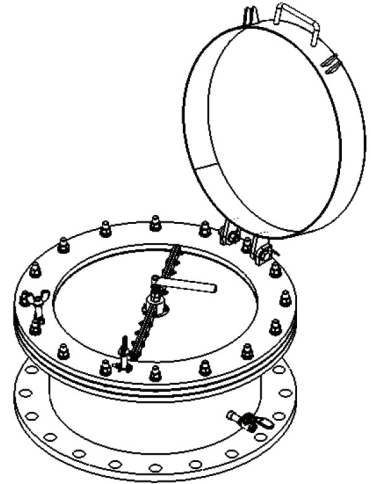
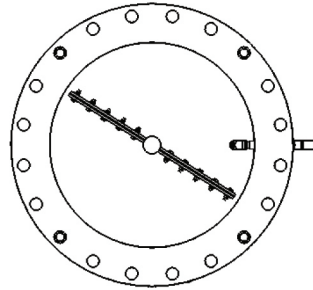
**Connections**

Flange drilling conforms to ANSI or API standard bolt pattern

Special puddle base or drilling flanges available upon request.

**NOTE:**

Dimensions are for preliminary general information and should not be used for construction purposes. Engineered dimensional drawings are available upon request.



MATCHES LINE SIZE  
150# ANSI FLANGE

3/8" NPT WATER  
SPRAY CONNECTION  
(OPTIONAL)

**Ordering Information**

**Model**  
220VP

**Description**  
View Port Inspection Cover

Code	Size
16	16" [400mm]
18	18" [450mm]
24	24" [600mm]
30	30" [750mm]
36	36" [900mm]

Code	Material of Construction
EP	Epoxy Coated Steel
SS	316/ 316L SS

Code	Connection
FF	ANSI 150 FF Flange Drilling
SP	Special - Flange Drilling or End Connection Requirement

Code	Special Requirements
*	Leave blank if none required
01	Spray Wash System (3/8")

220VP    24    EP    FF    01    (Example)  
 Example: 24" View Port Inspection Cover, Epoxy Coated Steel with ANSI 150 FF Flange and Spray Wash System.