

# Tank equipment - Manways



- Stainless steel construction, AISI 304L or AISI 316L
- Quality European design and manufacture
- Wide range of gasket material options - natural rubber, nitrile, EPDM and viton (food grade certified)

## ▶ A Series - inward opening



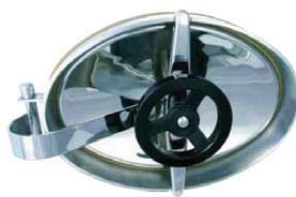
**A1**

- P max: 3.8 bar
- Size: 445 x 340mm
- Flat frame, can be bent on request to suit



**A4**

- P max: 3.2 bar
- Size: 440 x 340mm
- 80 x 12mm frame



**A7 Eco**

- P max: 3 bar
- Size: 440 x 310mm
- Horizontal mount



**A8 Eco**

- P max: 3 bar
- Size: 440 x 310mm
- Vertical mount



**A10 Eco**

- P max: 3 bar
- Size: 440 x 310mm
- No hinge



**A15**

- P max: 8 bar
- Size: 520 x 420mm
- 60 x 12mm frame
- Locating lugs, telescopic adjustment, swivel hinge



**A16**

- P max: 8 bar
- Size: 520 x 420mm
- 100 x 12mm frame (150mm avail)
- Locating lugs, telescopic adjustment, swivel hinge



**A21**

- P max: 6 bar
- Size: 520 x 420mm
- 80mm frame height (up to 160mm)
- No hinge



**A29**

- P max: 4 bar
- Size: 560 x 450mm
- 100 x 10mm frame (130mm avail)
- Locating lugs, telescopic adjustment, swivel hinge

## ▶ A Series - outward opening



**A13**

- P max: -1.0/+0.7 bar
- Size: 440 x 310mm
- 80 x 8mm frame



**A25**

- P max: 0.5 bar
- Size: 480 x 380mm
- 80 x 8mm frame



**A28**

- P max: -1.0/+1.0 bar
- Size: 440 x 310mm
- Glass cover for viewing

## ▶ D Series - pressure manways



**D2**

- P max: -1.0/+15 bar
- 150, 200 and 250 mm size
- 100 frame height



**D3**

- P max: -1.0/+6 bar
- Sizes: 300 to 800mm
- Sight glass optional



**D13 - PED Certified**

- P max: up to 10 bar, depending on temperature
- Sizes: 300 to 700mm
- Sight glass optional

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## ► B Series - outward opening



**B1**

- P max: -1.0/+1.0 bar
- 750 x 450mm size in stock
- 600 x 600 and 750 x 750mm sizes on request
- 70 x 8mm frame height



**B2 Eco**

- P max: -1.0/+1.0 bar
- Size: 530 x 410mm
- 60 x 8mm frame
- Other frame heights available
- Vertical mounting



**B6 Eco**

- P max: -1.0/+1.0 bar
- Size: 530 x 410mm
- 60 x 8mm frame
- Other frame heights available
- Horizontal mounting



**B7**

- P max: -1.0/+0.6 bar
- Size: 420 x 310mm
- 60 x 10mm frame

## ► D Series - round outward opening



**D8**

- P max: -0.5/+0.2 bar
- Sizes: 200 to 600mm
- 100 frame height
- Swivel hinge



**D9 Eco**

- P max: 0.02 bar
- 150 and 250mm in stock
- 60mm frame height
- Other sizes on request



**D10**

- P max: 0.2 bar
- 200mm size in stock
- 50mm frame height
- Other sizes and frame heights on request



**D14**

- P max: -0.8/+0.3 bar
- Sizes: 500 to 1600mm
- 100 frame height



**D15**

- P max: -0.5/+0.3 bar
- Sizes: 420 to 800 mm
- 100 frame height



**D20**

- P max: -0.5/+0.2 bar
- Sizes: 200 to 1600 mm
- 100 frame height



**D22 Eco**

- P max: -0.3/+0.1 bar
- Sizes: 200 to 600 mm
- 100 frame height

## Tank equipment



### ▶ Tank tops

#### Tank tops for breweries

- Complete tank top arrangements
- Separate pressure and vacuum relief valves
- Automatic CIP with rotary cleaner or fixed sprayball
- Options for automatic gas and CIP connections

TC series



### ▶ Tank cleaning equipment

#### Rotating sprayheads

- Sizes from 25 to 77mm
- Use 1/3 of typical cleaning chemicals
- Used for cleaning tanks up to 90,000 litres
- Tank rinsing of 300,000 litre tanks
- Can be used with a standard pump
- BSP and clip-on connections

#### Fixed sprayballs

- Sizes from 28 to 90mm head
- Various spray patterns available
- Clip-on connections over standard tube
- Economical cleaning option



### ▶ Rotary jet heads

- Maximum tank cleaning
- Automatic cleaning operation
- Short cycle time
- Low maintenance
- Optimum cleaning solution of tanks from 200 litres to 500,000 litres in size



## Specialty equipment



Hercules SSHE

### ▶ Scraped surface heat exchanger

- Ideal for thermal exchange of products with high viscosities and for products with particulates in suspension
- Rotating blades continuously clean the surface
- Products include; sauces, chocolate, yoghurts, pet food, coffee extracts and honey
- Features include ease of inspection, high degree of cleanability and aseptic version with flushed seals
- Modular design allows for multiple unit in-series

