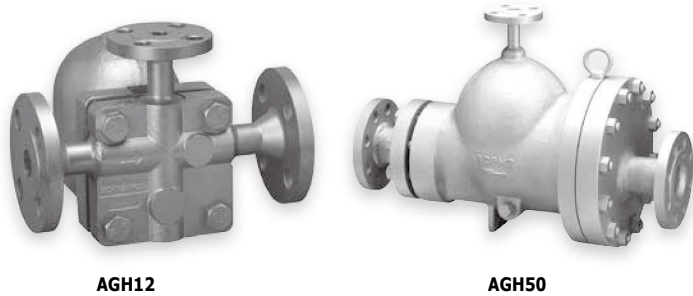
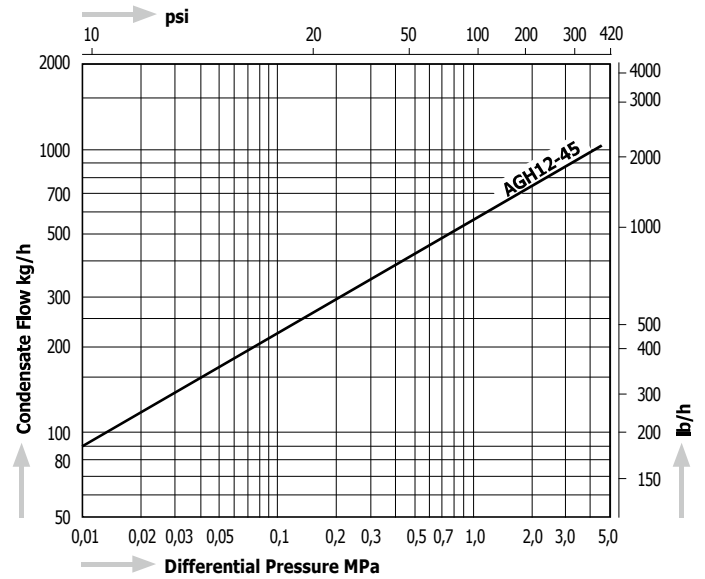


# AGH12, AGH50

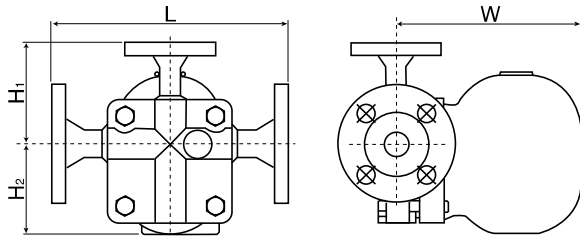


Capacity Chart AGH12-45

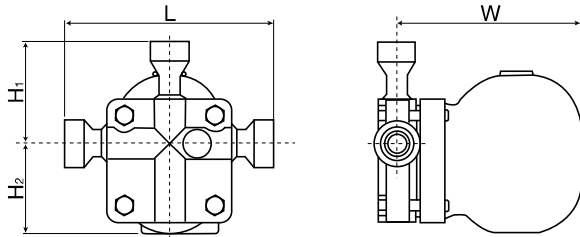


Dimensions

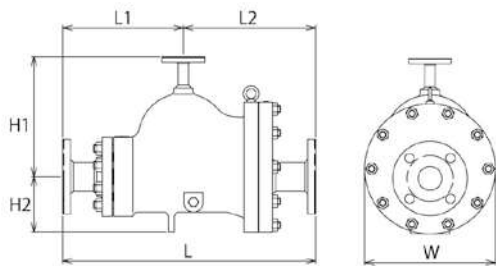
AGH12-45F



AGH12-45W



AGH50



Capacity Chart AGH50

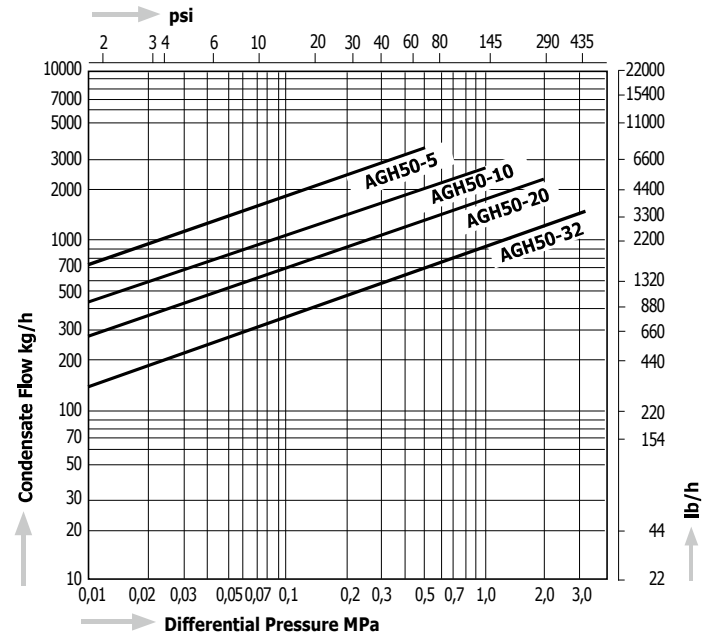


Table 1: Dimensions L and Weight

| Model | Size | ASME Class* (#150, #300) |     |     |                  |      |      |         |               |
|-------|------|--------------------------|-----|-----|------------------|------|------|---------|---------------|
|       |      | Dimensions* (mm)         |     |     | Dimensions* (in) |      |      | Weight* |               |
|       |      | L                        | L1  | L2  | L                | L1   | L2   | kg      | lb            |
| AGH50 | 2"   | 525                      | 250 | 275 | 20.7             | 9.8  | 10.8 | 64      | 140.8         |
|       | 2½"  | 550                      | 265 | 285 | 21.7             | 10.4 | 11.2 | 68      | 149.6         |
|       | 3"   | 555                      |     | 290 | 21.9             | 10.4 | 11.4 | 72      | 158.4         |
|       | 4"   | 590                      | 285 | 305 | 23.2             | 11.2 | 12.0 | 73 / 82 | 160.6 / 180.4 |

| Model       | Connections                   | Size    | Max. Operating Pressure, PMO |      | Max. Differential Pressure, PMX |      | Max. Operating Temperature, TMO |     | Dimensions* (mm) |     |     |     |         | Dimensions* (in) |     |      |                     |         | Body Material | Weight* |   |
|-------------|-------------------------------|---------|------------------------------|------|---------------------------------|------|---------------------------------|-----|------------------|-----|-----|-----|---------|------------------|-----|------|---------------------|---------|---------------|---------|---|
|             |                               |         | MPa                          | psig | MPa                             | psig | °C                              | °F  | L                | L1  | L2  | H1  | H2      | W                | L   | L1   | L2                  | H1      |               | H2      | W |
| AGH12 - 45F | Flanged<br>JIS, ASME, DIN     | ½" - 1" | 4,5                          | 652  | 4,5                             | 652  | 425                             | 800 | 250              | 107 | 95  | 195 | 9.8     | 4.2              | 3.7 | 7.7  | Cast Steel<br>SCPH2 | 17      | 37.4          |         |   |
| AGH12 - 45W | Socket Weld<br>JIS, ASME, DIN |         |                              |      |                                 |      |                                 |     |                  |     |     |     |         |                  |     |      |                     | 12      | 26.4          |         |   |
| AGH50 -     | Flanged<br>JIS, ASME, DIN     | 2" - 4" | 3,2                          | 464  | 0,5                             | 72.5 | 400                             | 752 | Table 1          | 250 | 115 | 270 | Table 1 | 9.8              | 4.5 | 10.6 | Cast Steel<br>SCPH2 | Table 1 |               |         |   |
|             |                               |         |                              |      | 1,0                             | 145  |                                 |     |                  |     |     |     |         |                  |     |      |                     |         |               |         |   |
|             |                               |         |                              |      | 2,0                             | 290  |                                 |     |                  |     |     |     |         |                  |     |      |                     |         |               |         |   |
|             |                               |         |                              |      | 3,2                             | 464  |                                 |     |                  |     |     |     |         |                  |     |      |                     |         |               |         |   |

\* Depending on the flange standard the face-to-face dimensions and the weight may differ.

Stainless Steel as body material is available as special design. For more details, please contact MIYAWAKI Inc. or an authorized representative.