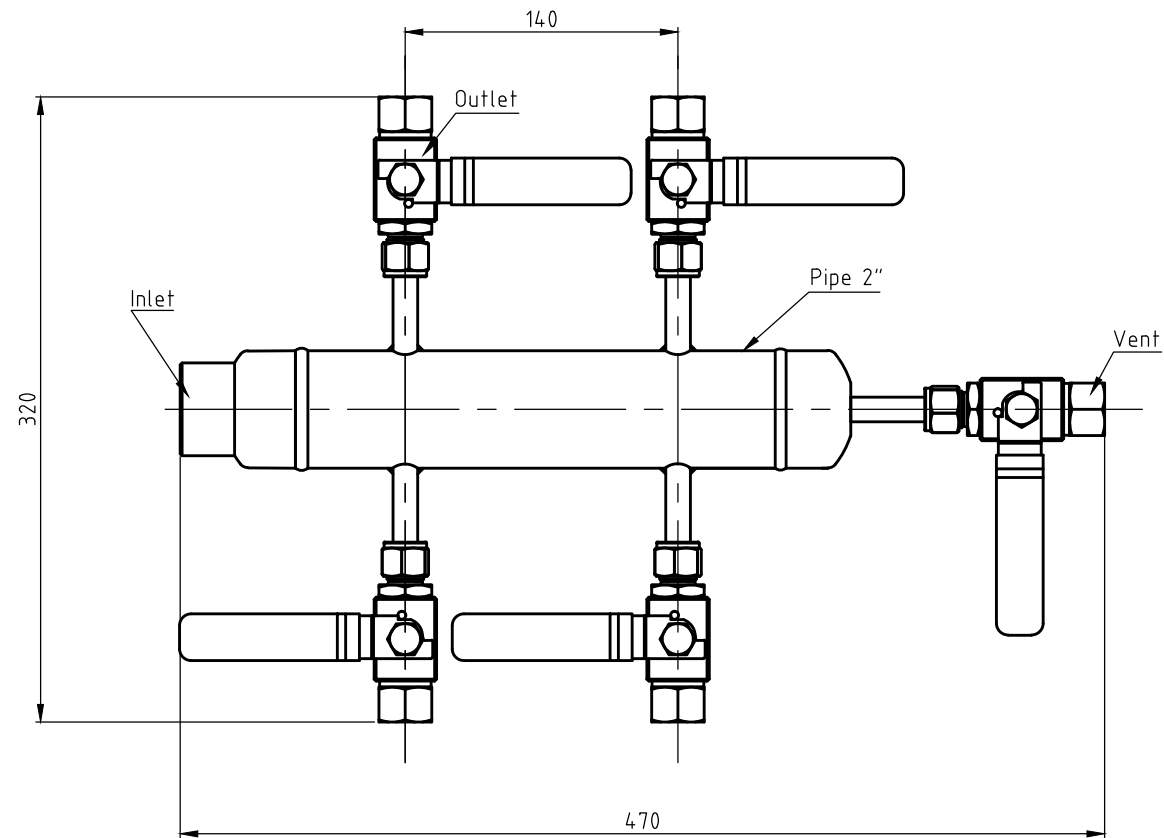


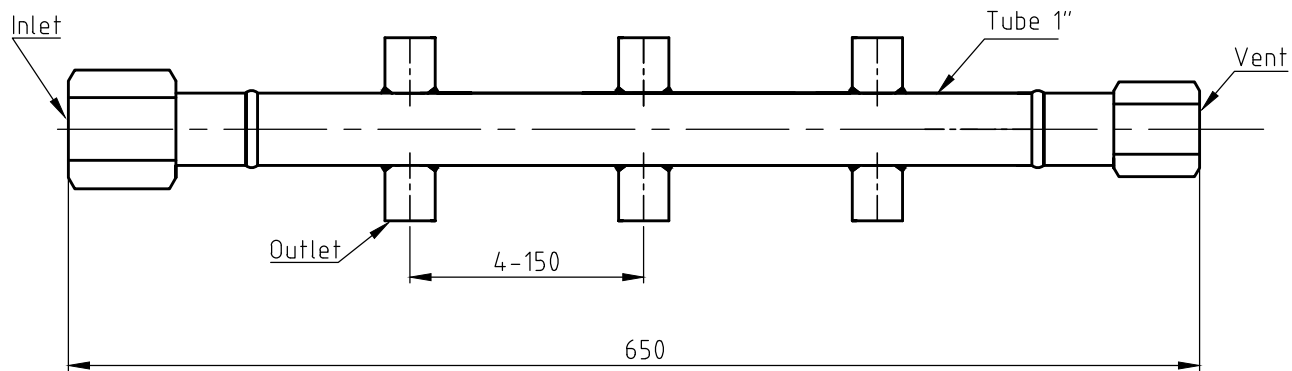




#### Technical Data:

|                   |            |
|-------------------|------------|
| Inlet Size        | 3/4 NPT(F) |
| Outlet Size       | 1/2 NPT(F) |
| Vent Size         | 1/2 NPT(F) |
| Number of Outlets | 4          |
|                   |            |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Oct.10,2022   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | API-FNPT12N-4FNPT8V-VFNPT8-BV4-316     |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



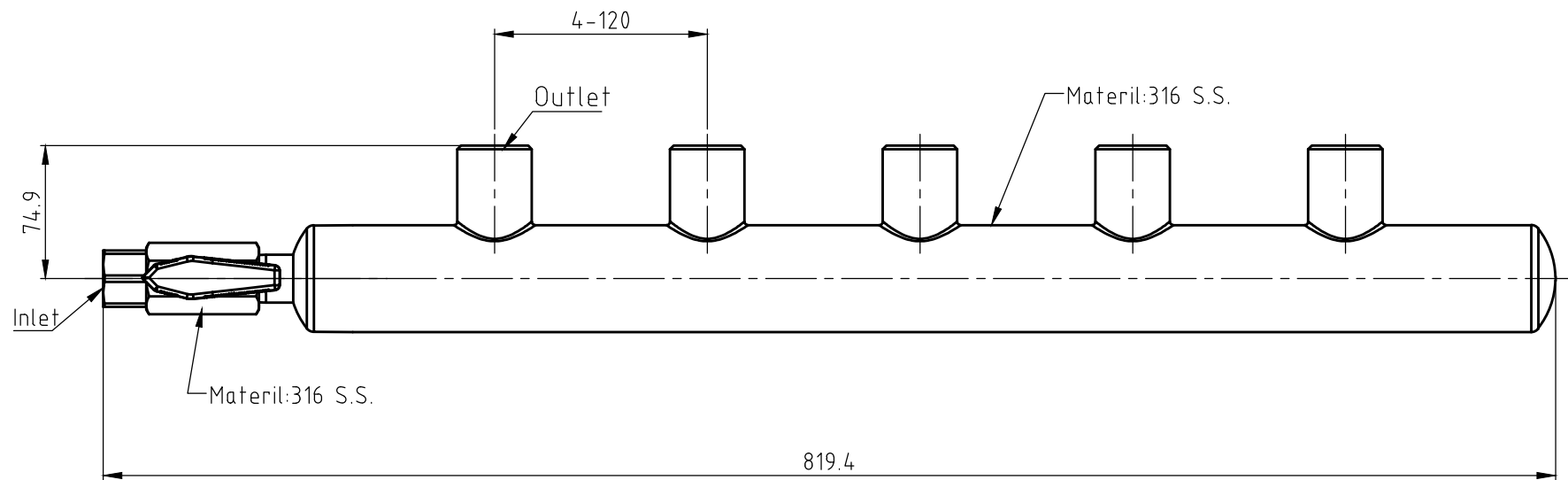
#### Technical Data:

|                   |            |
|-------------------|------------|
| Inlet Size        | 3/4 NPT(F) |
| Outlet Size       | 1/2 NPT(F) |
| Vent Size         | 1/2 NPT(F) |
| Number of Outlets | 6          |
|                   |            |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -20 (-28) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Jan.19,2024   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-FNPT12N-6FNPT8N-FNPT8-316-GAJ01    |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



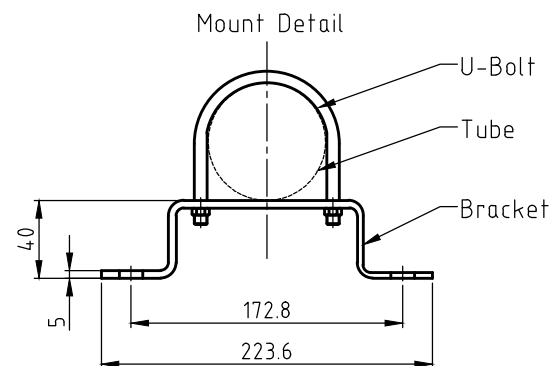
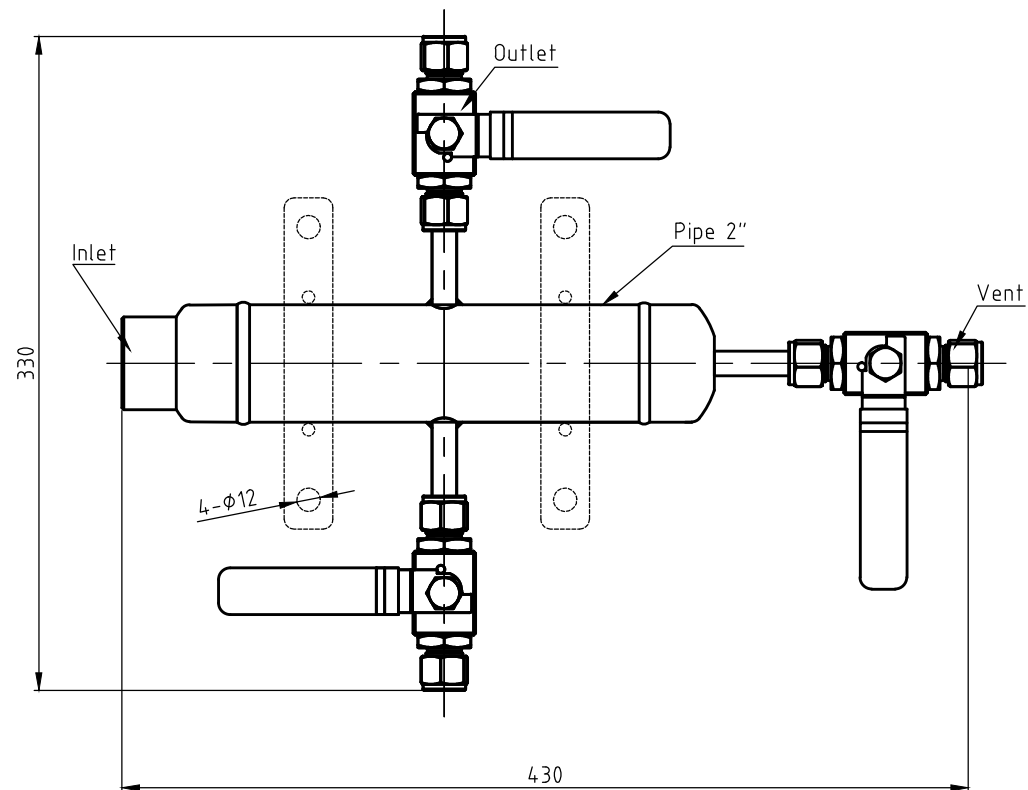
Technical Data:

|                   |             |
|-------------------|-------------|
| Inlet Size        | 3/4 NPT (F) |
| Outlet Size       | 3/4 NPT (F) |
| Number of Outlets | 5           |
|                   |             |
|                   |             |
|                   |             |
|                   |             |

Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -76 (-60) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

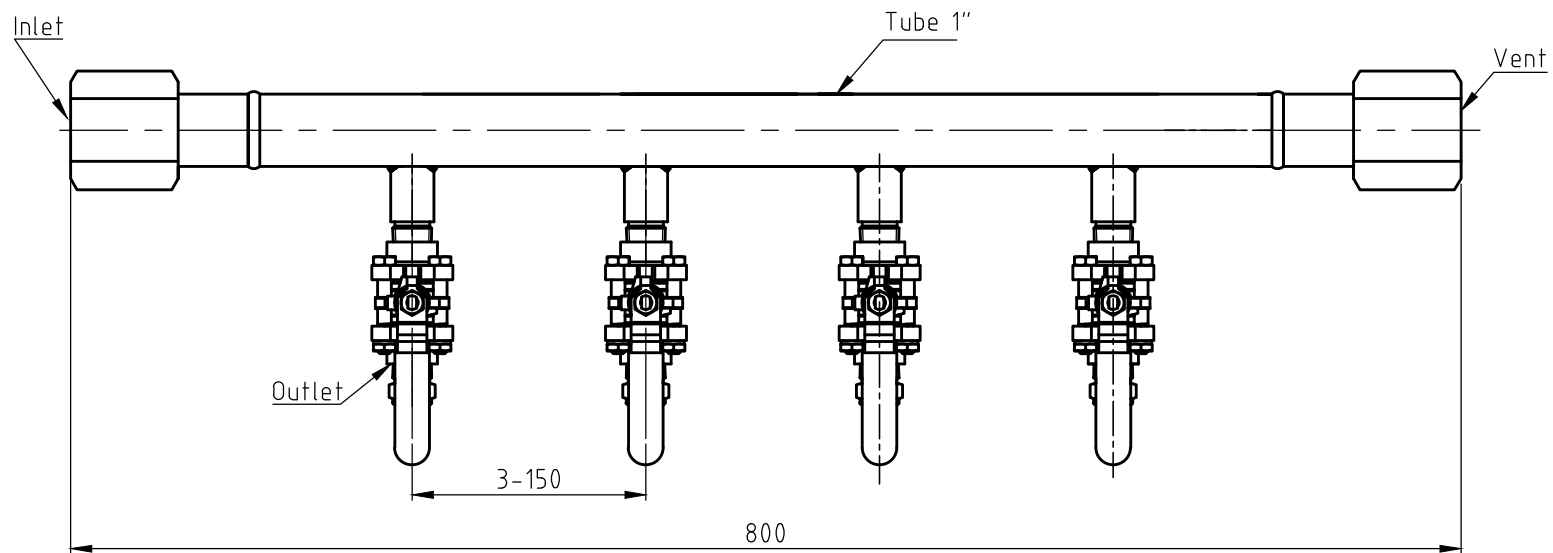
|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Jan.27.2024   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-FNPT12Y-5FNPT12-316-LT-GAP01       |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



#### Technical Data:

|                   |                   |
|-------------------|-------------------|
| Inlet Size        | 1 NPT(F)          |
| Outlet Size       | O.D. $\phi 12$    |
| Vent Size         | O.D. $\phi 1/2$ " |
| Number of Outlets | 2                 |
|                   |                   |

| A              | Oct.12,2022   |         |                                        |          | YES    |
|----------------|---------------|---------|----------------------------------------|----------|--------|
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | API-FNPT16N-2M12V-VF8-MOUNT-BV4-316    |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



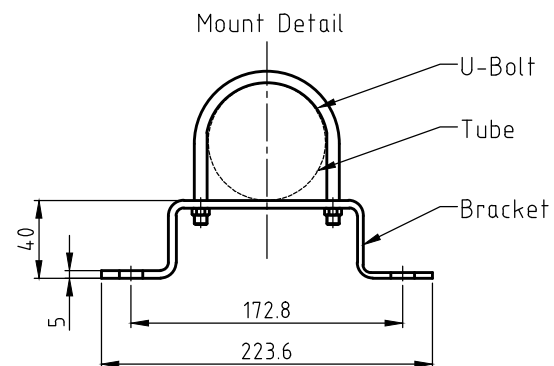
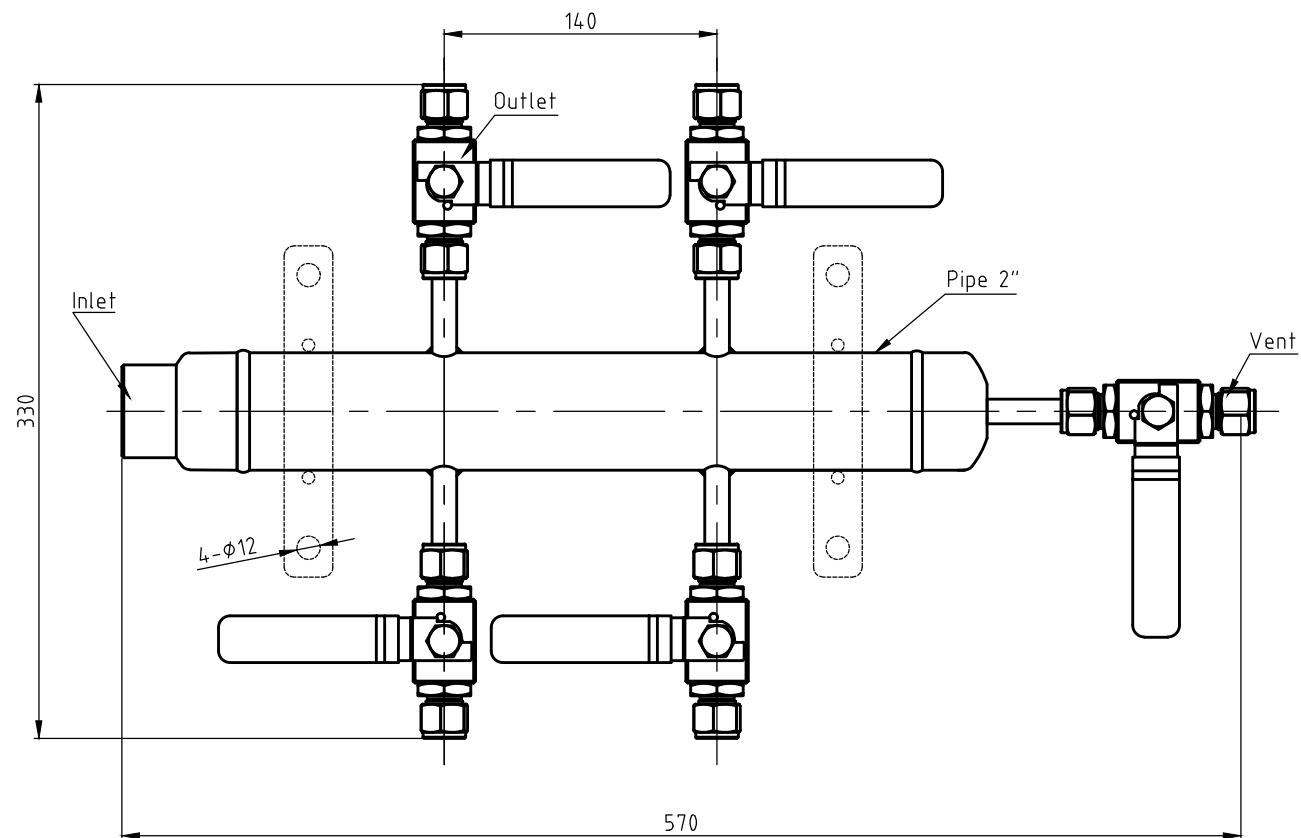
#### Technical Data:

|                   |            |
|-------------------|------------|
| Inlet Size        | 1 NPT(F)   |
| Outlet Size       | 3/4 NPT(F) |
| Vent Size         | 3/4 NPT(F) |
| Number of Outlets | 4          |
|                   |            |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -20 (-28) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

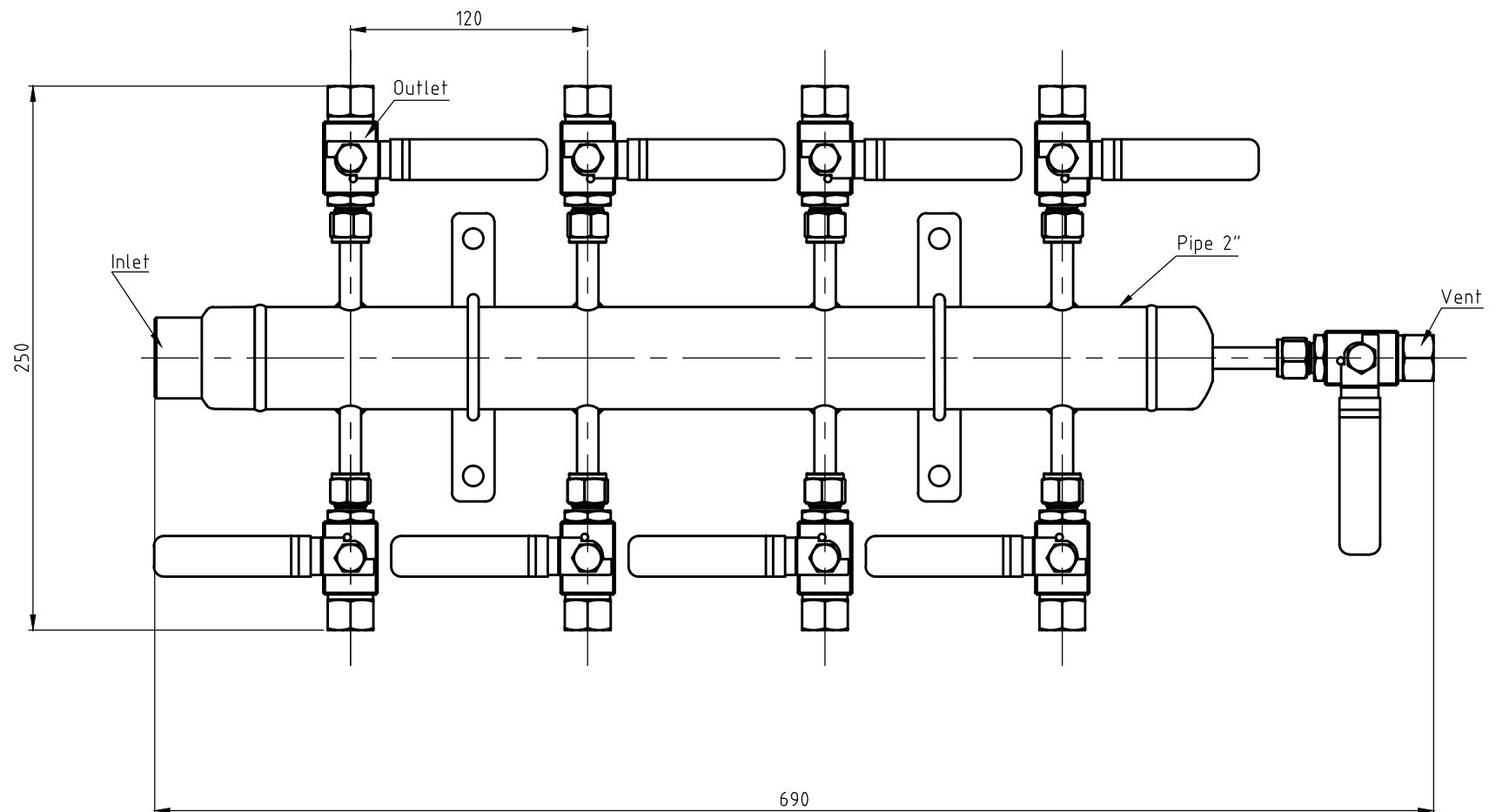
|                |               |         |                                           |          |        |
|----------------|---------------|---------|-------------------------------------------|----------|--------|
|                |               |         |                                           |          |        |
|                |               |         |                                           |          |        |
|                |               |         |                                           |          |        |
| A              | Jan.19,2024   |         |                                           |          | YES    |
| REV            | Revision Date | Created | Checked                                   | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds    |          |        |
|                |               | Model   | AP1-FNPT16N-4FNPT12V-FNPT12-BV5-316-GAJ01 |          |        |
| Format         | A4            | Unit    | mm                                        | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                    |          |        |



#### Technical Data:

|                   |                   |
|-------------------|-------------------|
| Inlet Size        | 1 NPT(F)          |
| Outlet Size       | O.D. $\phi 12$    |
| Vent Size         | O.D. $\phi 1/2$ " |
| Number of Outlets | 4                 |
|                   |                   |

| A              | Oct.12,2022   |         |                                        |          | YES    |
|----------------|---------------|---------|----------------------------------------|----------|--------|
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | API-FNPT16N-4M12V-VF8-MOUNT-BV4-316    |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



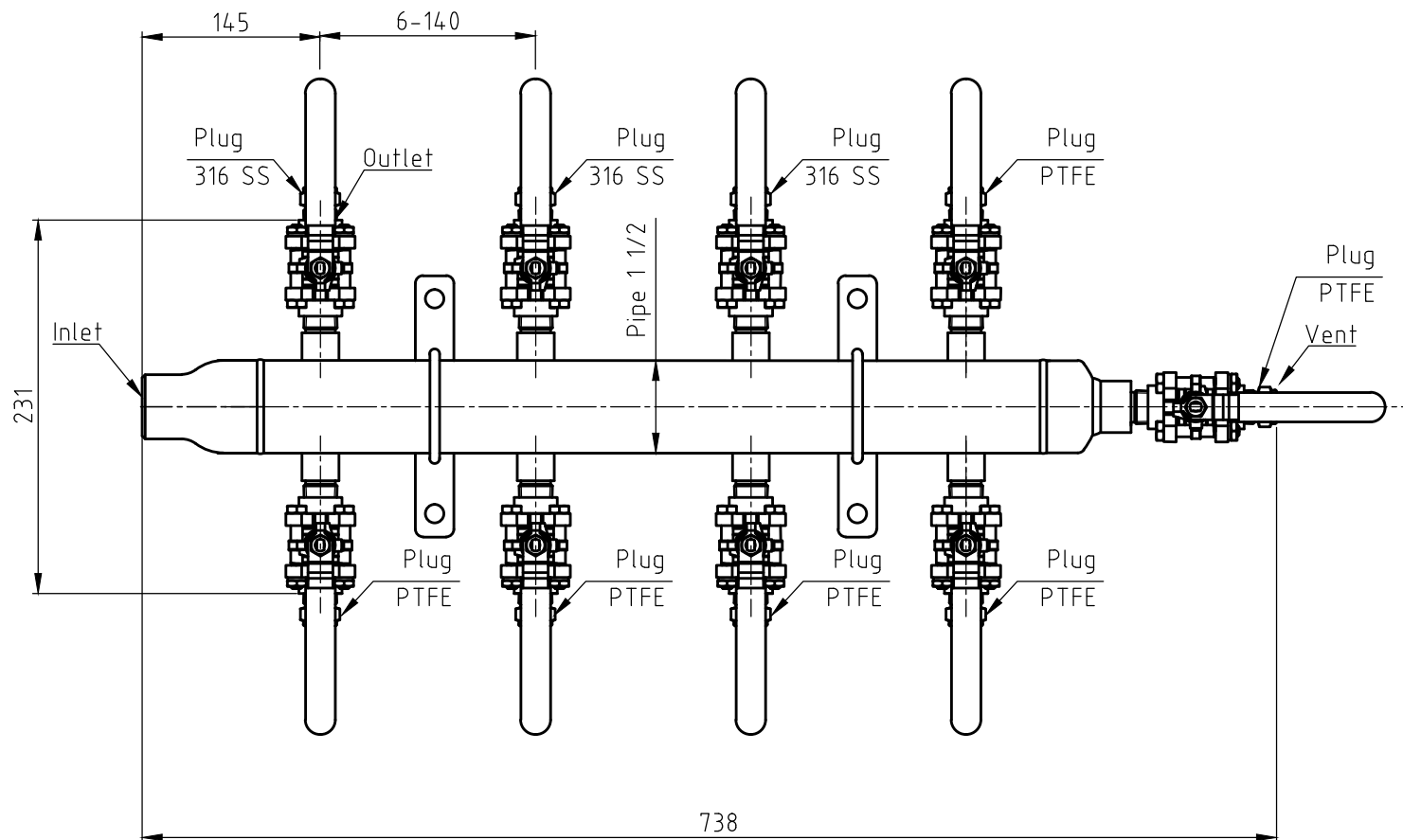
#### Technical Data:

|                   |            |
|-------------------|------------|
| Inlet Size        | 1 NPT(F)   |
| Outlet Size       | 1/2 NPT(F) |
| Vent Size         | 1/2 NPT(F) |
| Number of Outlets | 8          |
|                   |            |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -20 (-28) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Jun.13,2023   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-FNPT16N-8FNPT8V-VFNPT8-316-MOUNT   |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



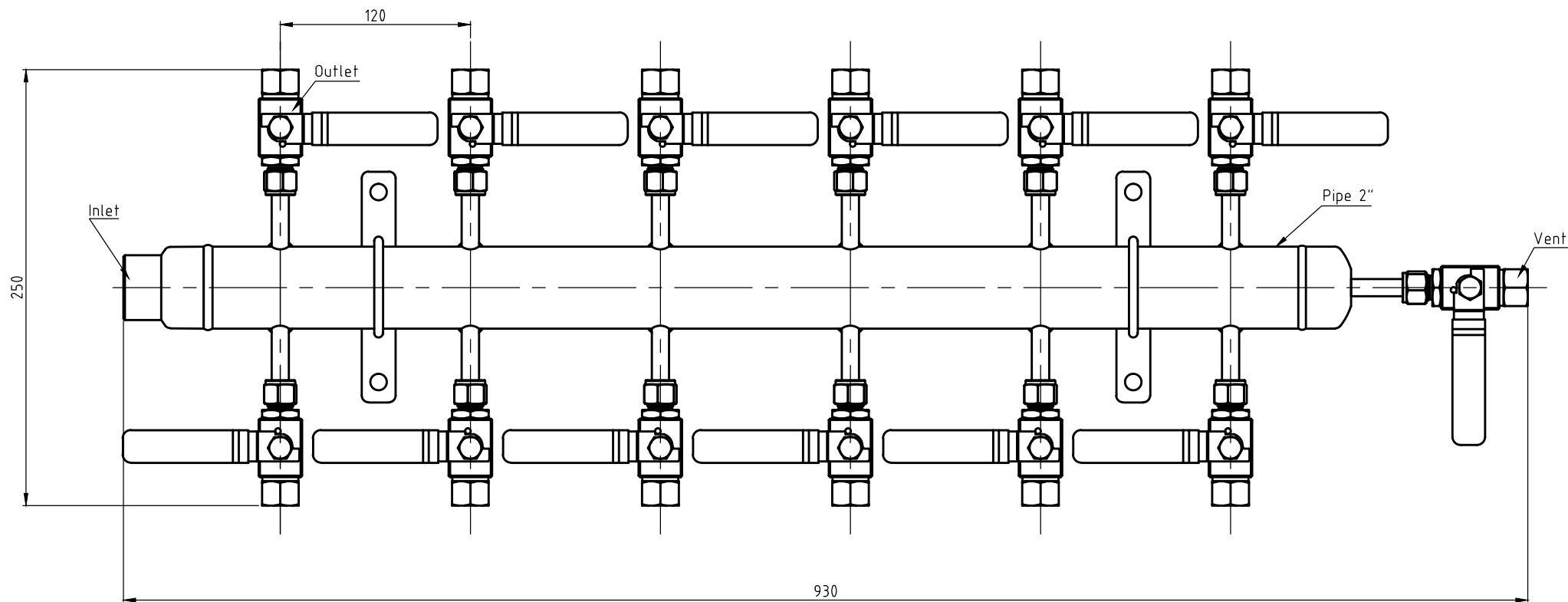
#### Technical Data:

|                   |            |
|-------------------|------------|
| Inlet Size        | 1 NPT(F)   |
| Outlet Size       | 1/2 NPT(F) |
| Vent Size         | 1/2 NPT(F) |
| Number of Outlets | 8          |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -20 (-28) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

| A              | Sep.21,2023   |         |                                          |          | YES    |
|----------------|---------------|---------|------------------------------------------|----------|--------|
| REV            | Revision Date | Created | Checked                                  | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds   |          |        |
|                |               | Model   | AP1-FNPT16N-8FNPT8V-VFNPT8-BV5-316-FEF01 |          |        |
| Format         | A4            | Unit    | mm                                       | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                   |          |        |



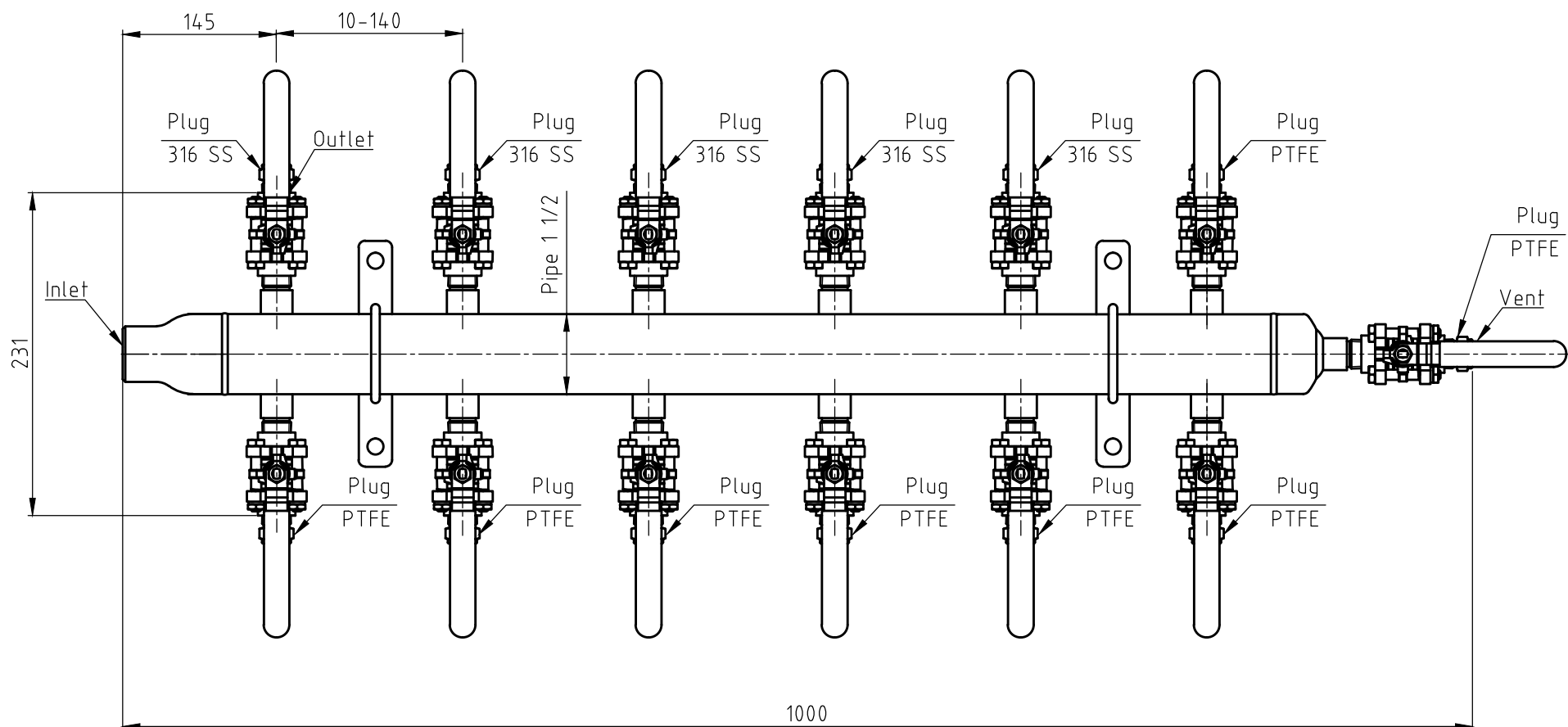
#### Technical Data:

|                   |            |
|-------------------|------------|
| Inlet Size        | 1 NPT(F)   |
| Outlet Size       | 1/2 NPT(F) |
| Vent Size         | 1/2 NPT(F) |
| Number of Outlets | 12         |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -20 (-28) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

| A              | Jun.13,2023   |         |                                        |          | YES    |
|----------------|---------------|---------|----------------------------------------|----------|--------|
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-FNPT16N-12FNPT8V-VFNPT8-316-MOUNT  |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



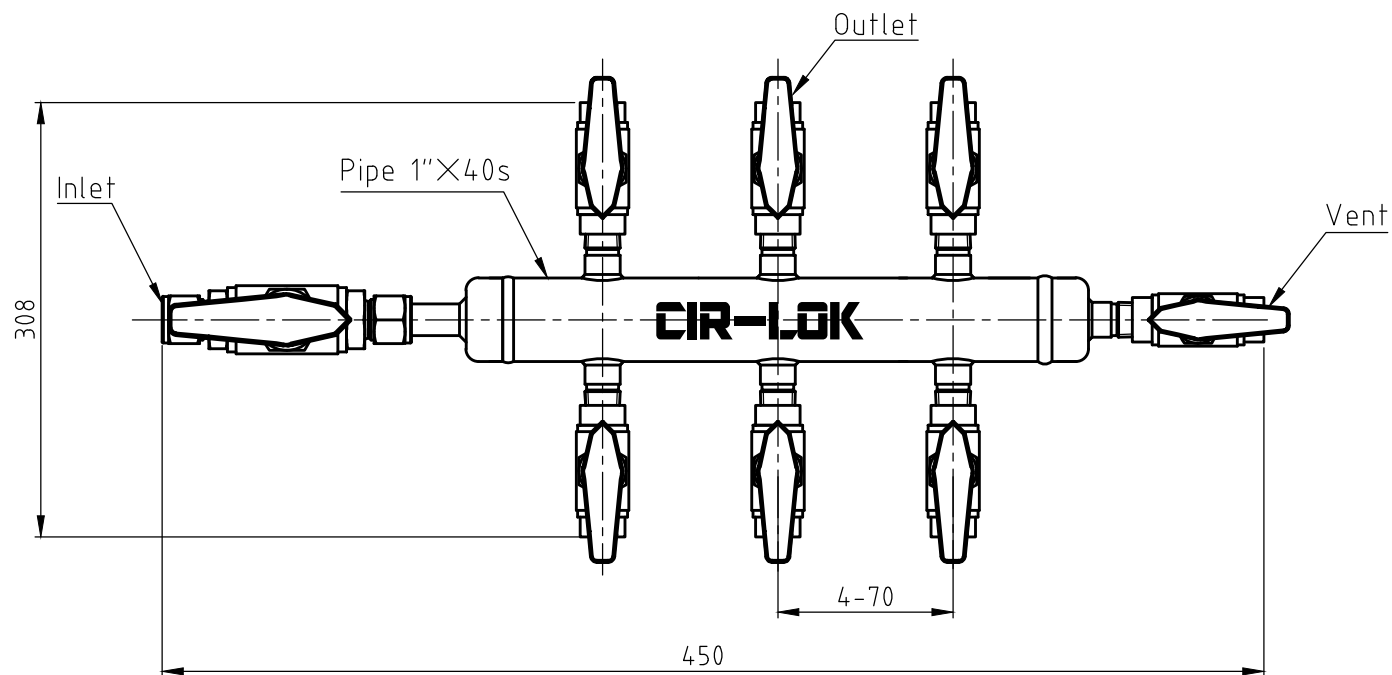
#### Technical Data:

|                   |            |
|-------------------|------------|
| Inlet Size        | 1 NPT(F)   |
| Outlet Size       | 1/2 NPT(F) |
| Vent Size         | 1/2 NPT(F) |
| Number of Outlets | 12         |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -20 (-28) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

| A              | Sep.21,2023   |         |                                           |          | YES    |
|----------------|---------------|---------|-------------------------------------------|----------|--------|
| REV            | Revision Date | Created | Checked                                   | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds    |          |        |
|                |               | Model   | AP1-FNPT16N-12FNPT8V-VFNPT8-BV5-316-FEF01 |          |        |
| Format         | A4            | Unit    | mm                                        | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                    |          |        |



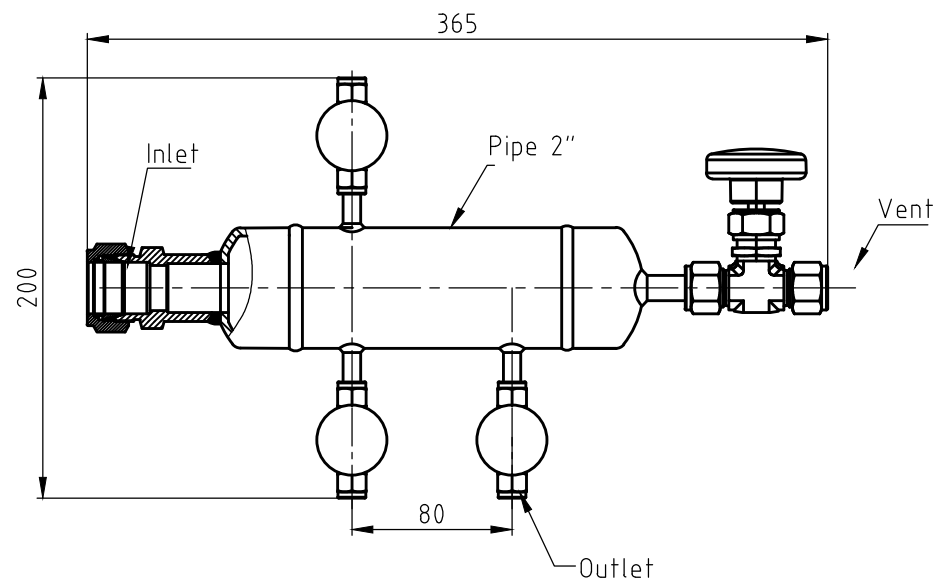
#### Technical Data:

|                   |             |
|-------------------|-------------|
| Inlet Size        | 0.D.Ø1/2"   |
| Outlet Size       | 1/4 NPT (F) |
| Vent Size         | 1/4 NPT (F) |
| Number of Outlets | 6           |
|                   |             |
|                   |             |
|                   |             |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| 50 (10) to 150 (65)    | 2500 (172)                     |                        |                                |
|                        |                                |                        |                                |
|                        |                                |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Jul.07.2023   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-F8Y-6FNPT4V-VFNPT4-BV2-316-FG501   |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



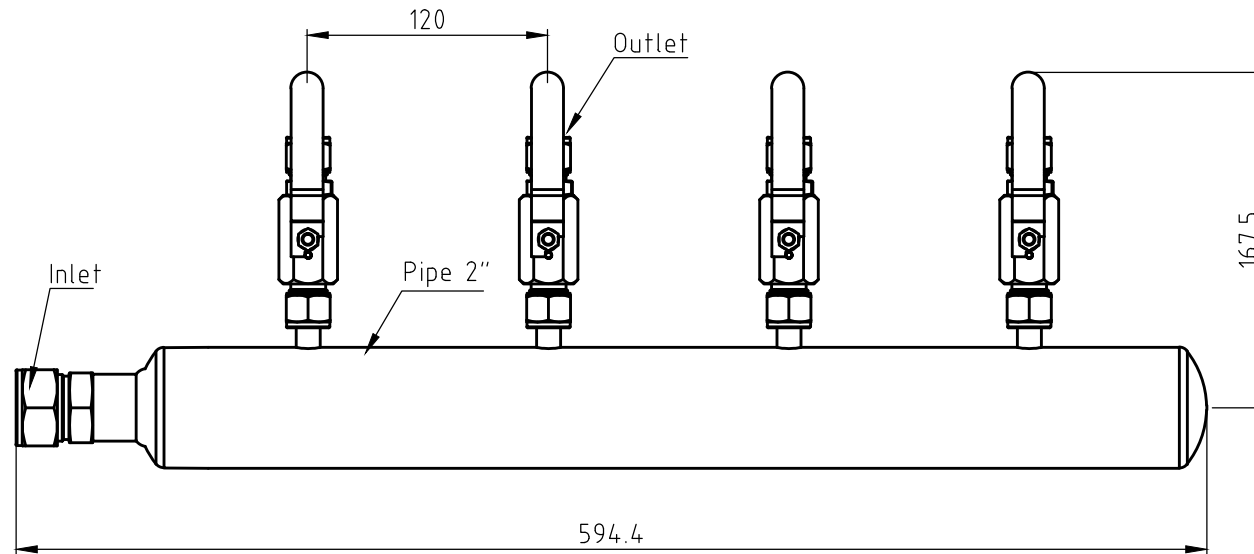
#### Technical Data:

|                   |                   |
|-------------------|-------------------|
| Inlet Size        | O.D. $\phi 1''$   |
| Outlet Size       | O.D. $\phi 1/4''$ |
| Vent Size         | O.D. $\phi 1/2''$ |
| Number of Outlets | 3                 |
|                   |                   |
|                   |                   |
|                   |                   |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -40 (-40) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Mar.17.2022   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-F16N-3F4V-VF8-NV4-316              |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



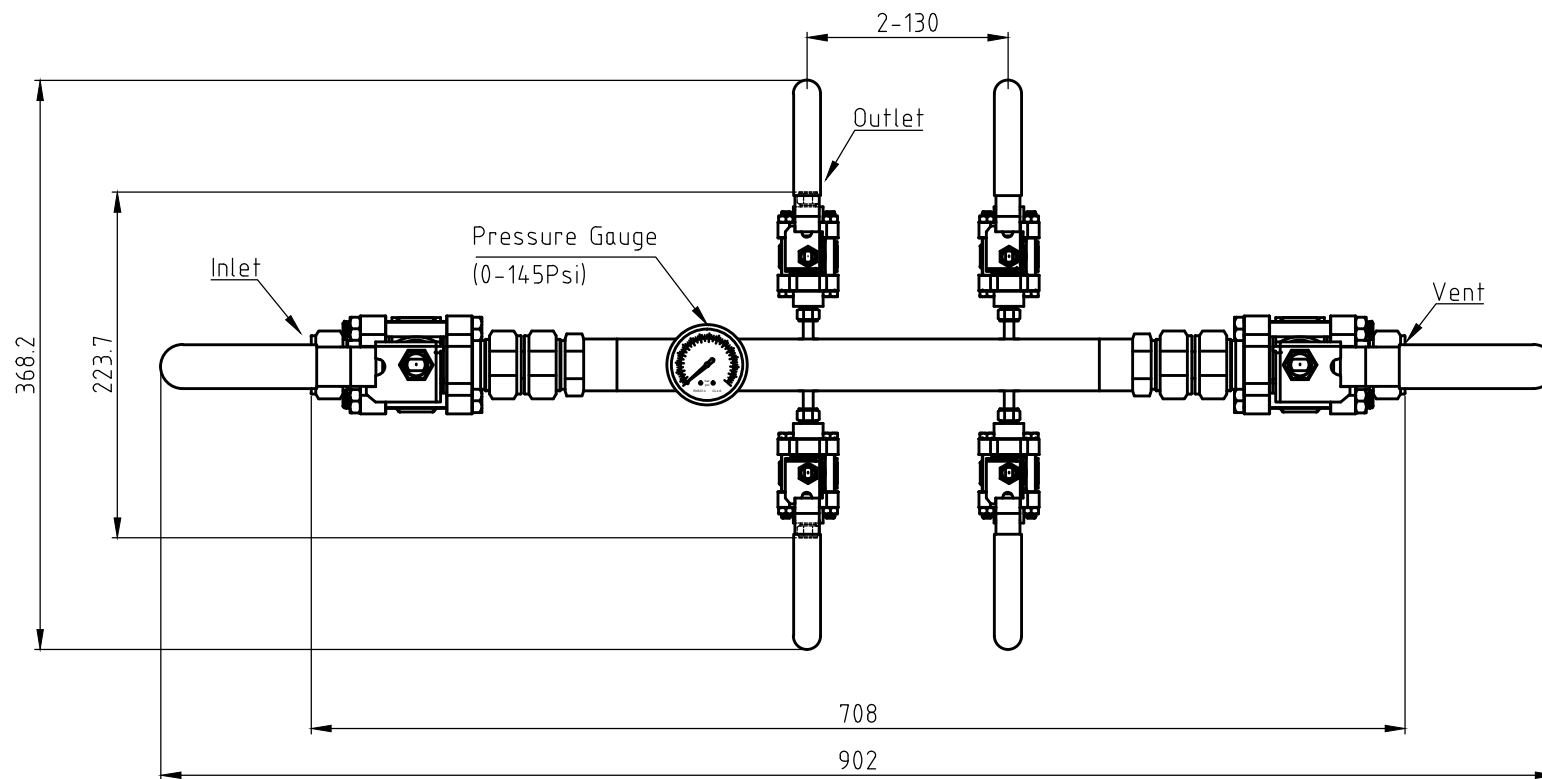
#### Technical Data:

|                   |                |
|-------------------|----------------|
| Inlet Size        | O.D. $\phi$ 1" |
| Outlet Size       | O.D. $\phi$ 12 |
| Number of Outlets | 4              |
|                   |                |
|                   |                |
|                   |                |
|                   |                |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -40 (-40) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Feb.29.2024   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-F16N-4M12V-316-LT-GAR01            |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



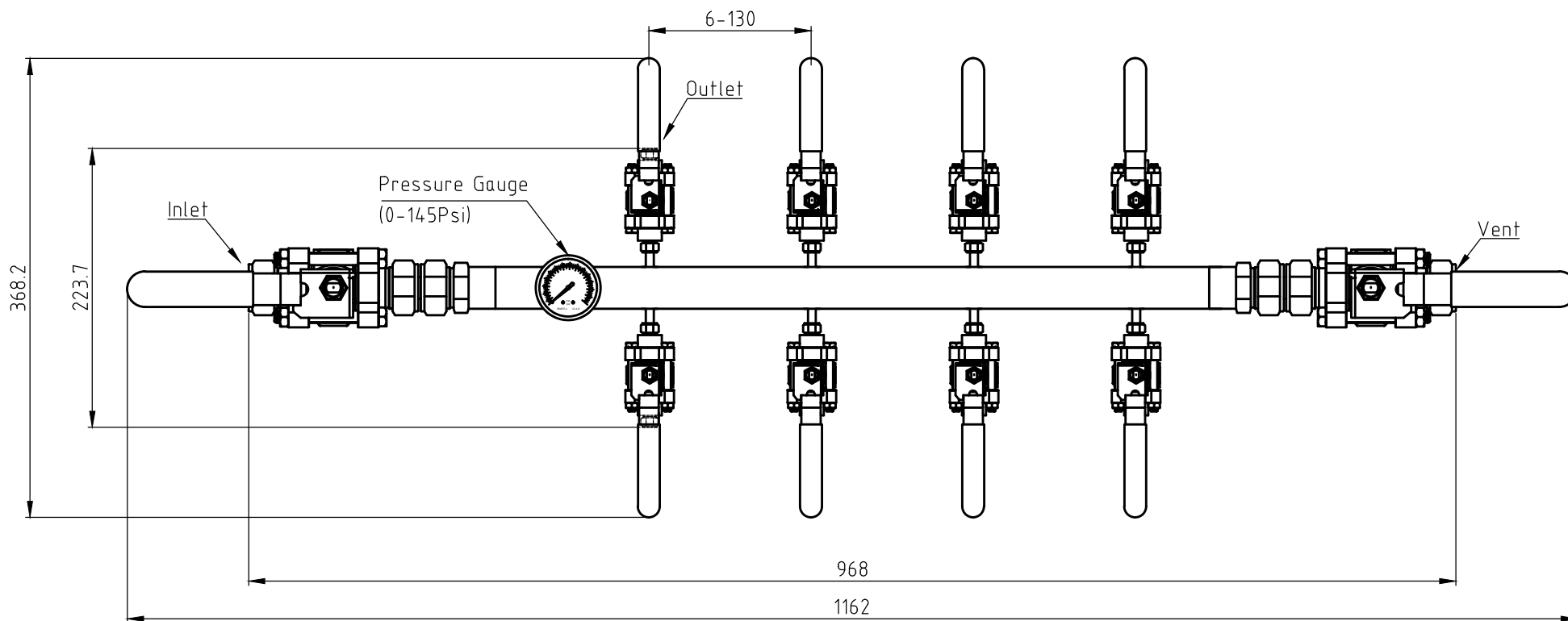
#### Technical Data:

|                   |           |
|-------------------|-----------|
| Inlet Size        | 0.D.Ø1"   |
| Outlet Size       | 0.D.Ø1/4" |
| Vent Size         | 0.D.Ø1"   |
| Number of Outlets | 4         |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -20 (-28) to 400 (204) | 100 (6.5)                      |                        |                                |
| 450 (232)              | 70 (4.6)                       |                        |                                |

| A              | Sep.04,2023   |         |                                        |          | YES    |
|----------------|---------------|---------|----------------------------------------|----------|--------|
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-F16Y-4F4V-VF16-BV6-316-FHW02       |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



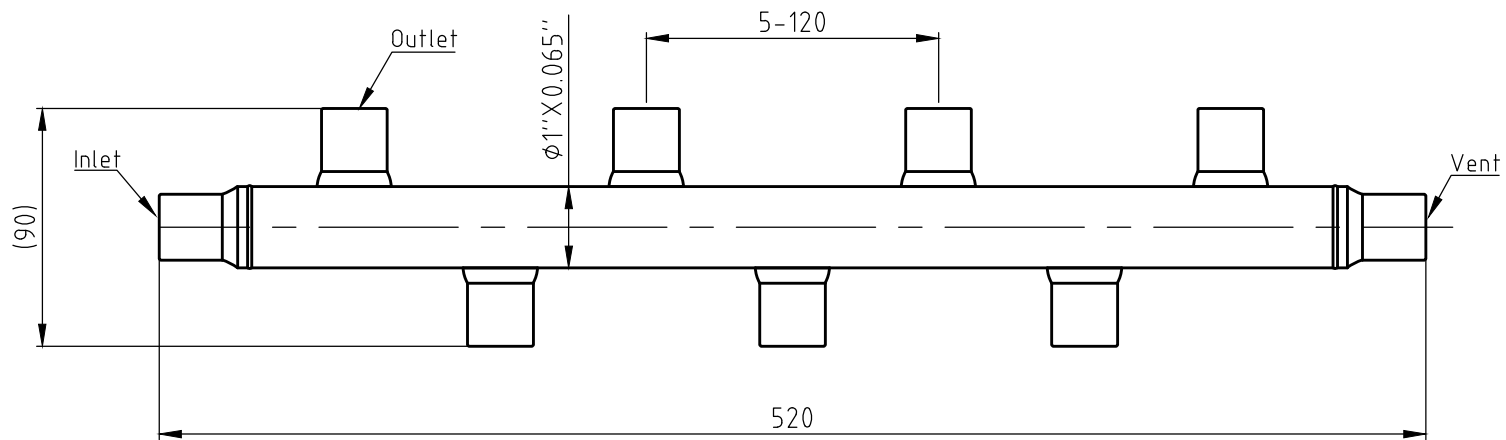
#### Technical Data:

|                   |           |
|-------------------|-----------|
| Inlet Size        | 0.D.Ø1"   |
| Outlet Size       | 0.D.Ø1/4" |
| Vent Size         | 0.D.Ø1"   |
| Number of Outlets | 8         |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -20 (-28) to 400 (204) | 100 (6.5)                      |                        |                                |
| 450 (232)              | 70 (4.6)                       |                        |                                |

| A              | Sep.04,2023   |         |                                        |          | YES    |
|----------------|---------------|---------|----------------------------------------|----------|--------|
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-F16Y-8F4V-VF16-BV6-316-FHW02       |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



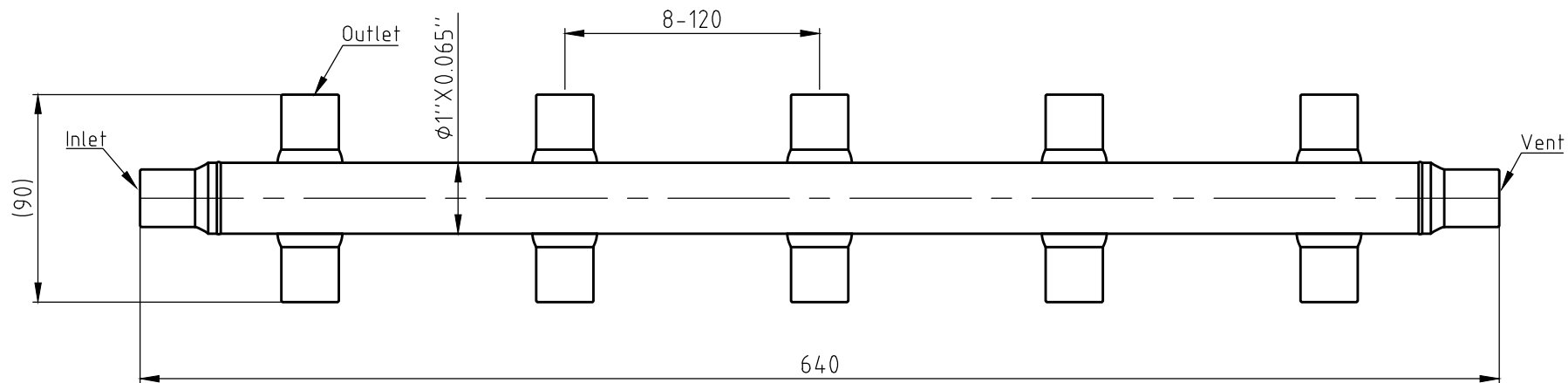
#### Technical Data:

|                   |             |
|-------------------|-------------|
| Inlet Size        | 1/2 BSPT(F) |
| Outlet Size       | 1/2 NPT(F)  |
| Vent Size         | 1/2 NPT(F)  |
| Number of Outlets | 7           |
|                   |             |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -40 (-40) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Jan.10,2024   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-FBT8N-7FNPT8N-FNPT8-316-GA901      |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



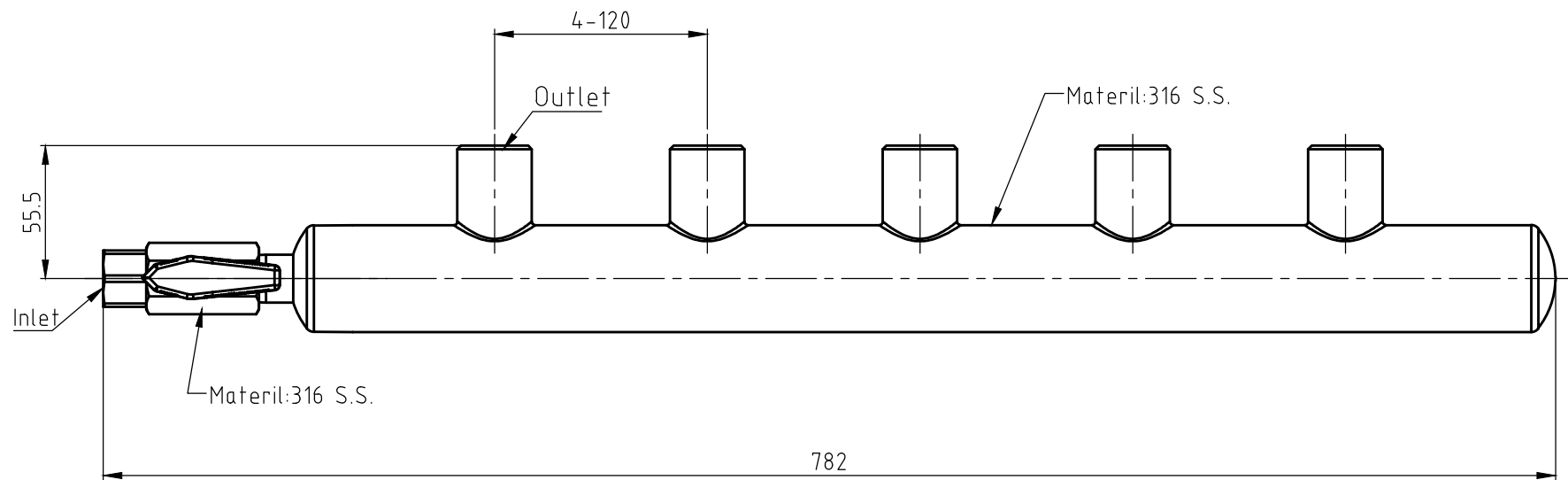
#### Technical Data:

|                   |             |
|-------------------|-------------|
| Inlet Size        | 1/2 BSPT(F) |
| Outlet Size       | 1/2 NPT(F)  |
| Vent Size         | 1/2 NPT(F)  |
| Number of Outlets | 10          |
|                   |             |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -40 (-40) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Jan.10,2024   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-FBT8N-10FNPT8N-FNPT8-316-GA901     |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



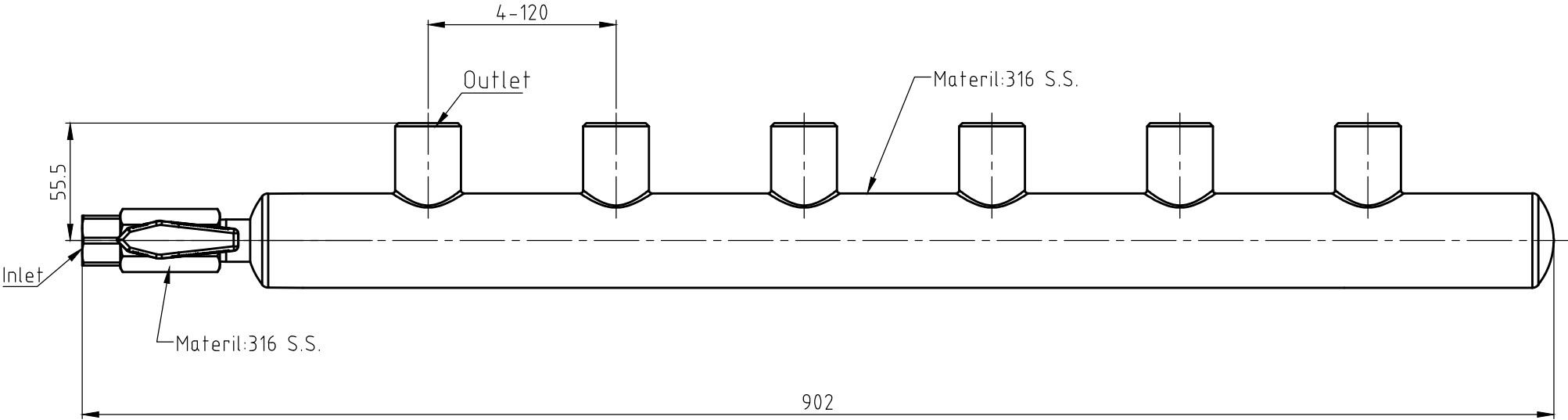
#### Technical Data:

|                   |             |
|-------------------|-------------|
| Inlet Size        | 1/4 NPT (F) |
| Outlet Size       | 1/4 NPT (F) |
| Number of Outlets | 5           |
|                   |             |
|                   |             |
|                   |             |
|                   |             |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -76 (-60) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Jan.27.2024   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-FNPT4Y-5FNPT4-316-LT-GAP01         |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



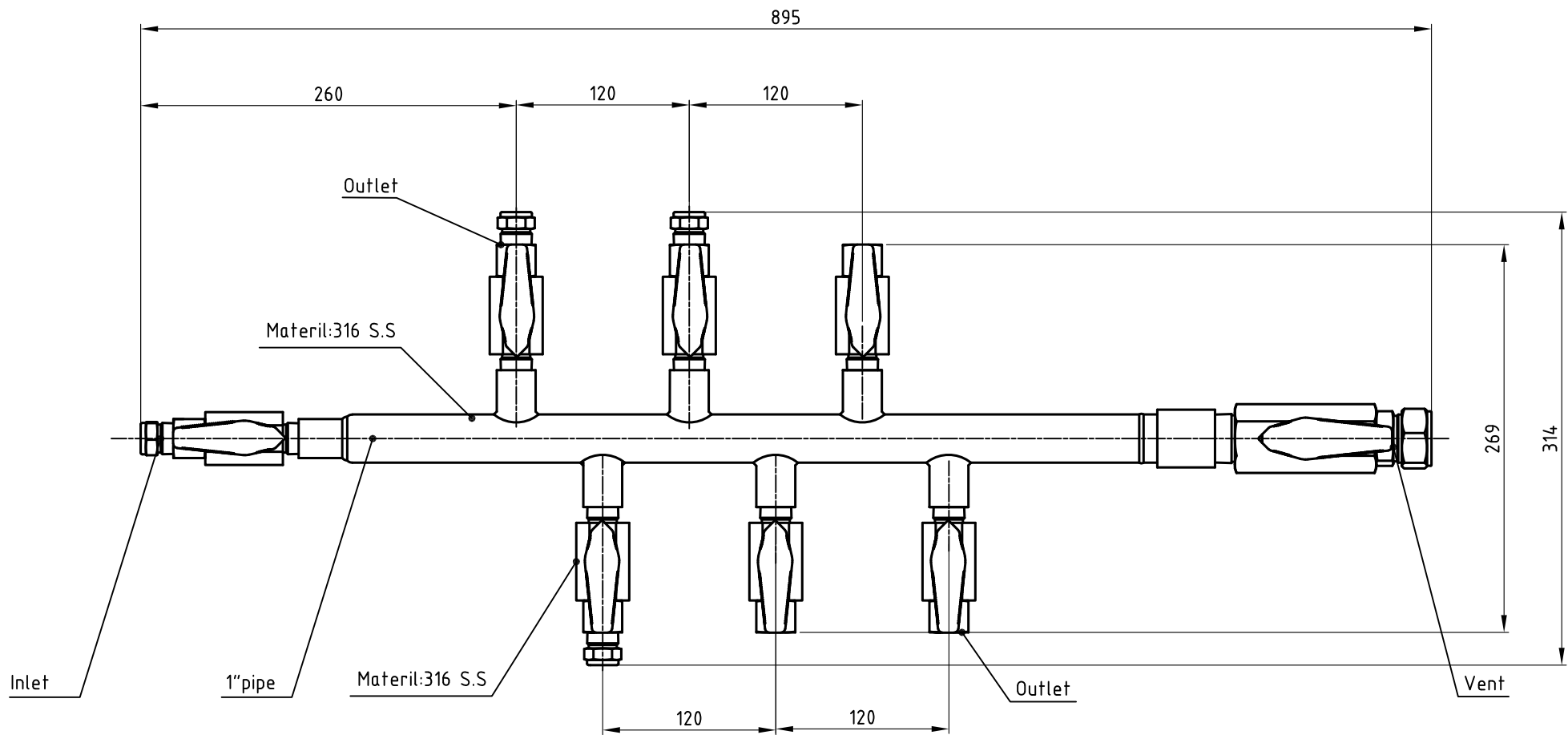
Technical Data:

|                   |             |
|-------------------|-------------|
| Inlet Size        | 1/4 NPT (F) |
| Outlet Size       | 1/4 NPT (F) |
| Number of Outlets | 6           |
|                   |             |
|                   |             |
|                   |             |
|                   |             |

Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -76 (-60) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Jan.27.2024   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-FNPT4Y-6FNPT4-316-LT-GAP01         |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



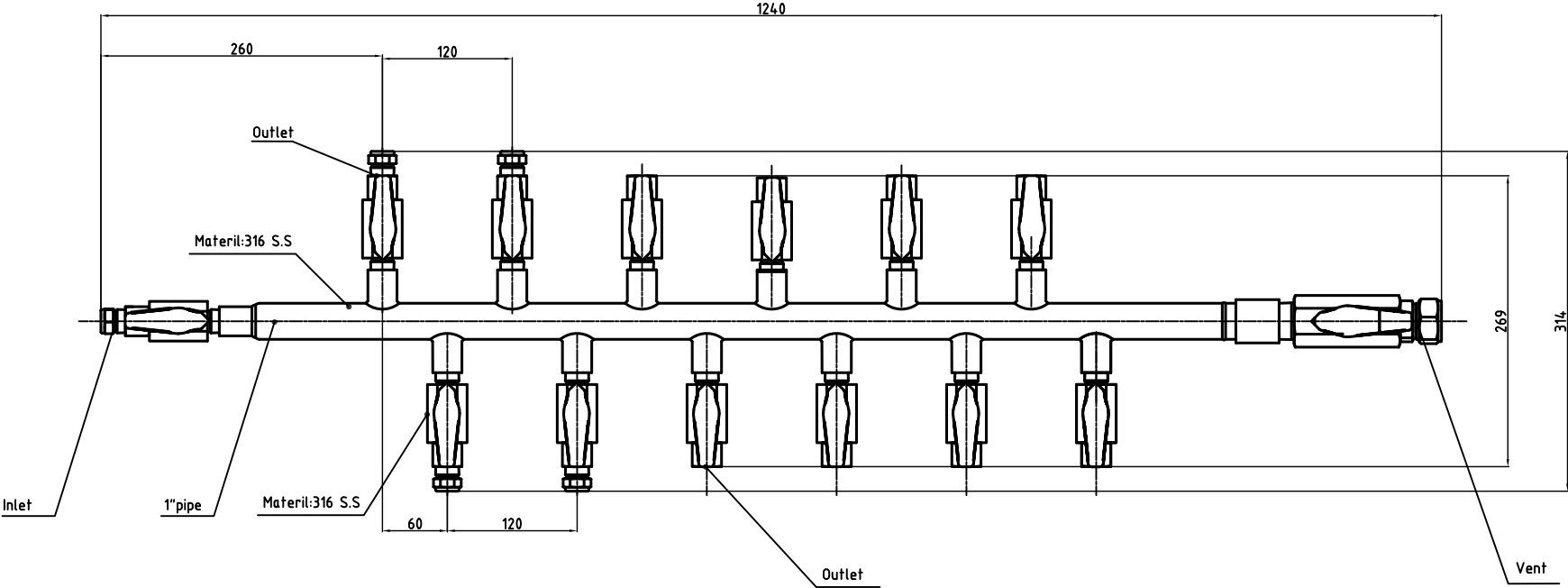
#### Technical Data:

|                   |                |
|-------------------|----------------|
| Inlet Size        | 1/2in. FNPT    |
| Outlet Size       | 1/2in. FNPT    |
| Vent Size         | 1in. F         |
| Number of Outlets | 6              |
| Orifice Size      | 0.35in (9.0mm) |
| Material          | 316 S.S        |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -30 (-34) to 100 (37)  | 1500 (20.6)                    | 400 (204)              | 330 (23)                       |
| 200 (93)               | 1000 (68)                      |                        |                                |
| 300 (148)              | 800(55)                        |                        |                                |
|                        |                                |                        |                                |
|                        |                                |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
| A              | Jul.10, 2024  |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-FNPT8A-6FNPT8V-VFNPT16-316-GG0501  |          |        |
| Format         | A1            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



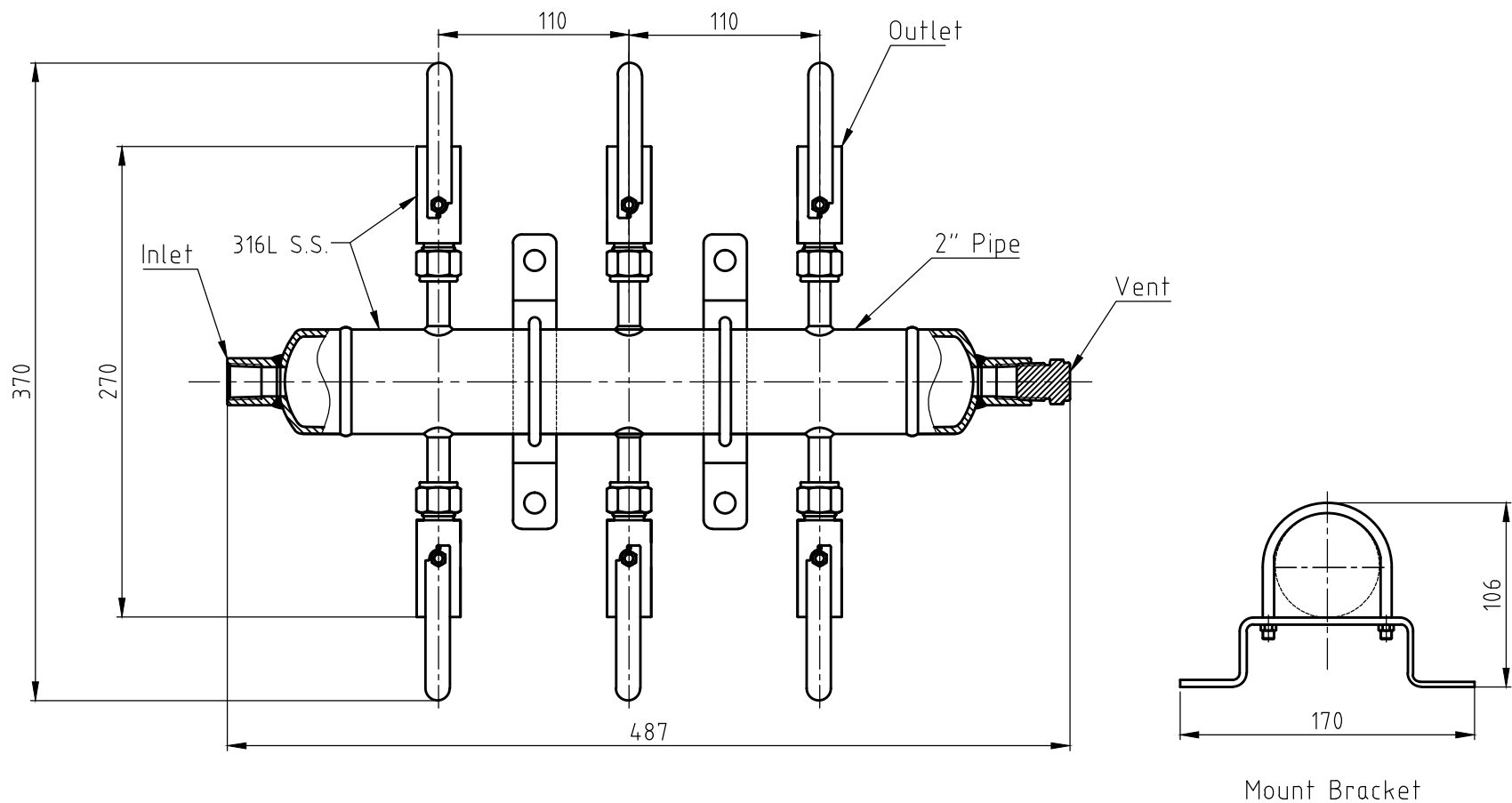
Technical Data:

|                   |                |
|-------------------|----------------|
| Inlet Size        | 1/2in. FNPT    |
| Outlet Size       | 1/2in. FNPT    |
| Vent Size         | 1in. F         |
| Number of Outlets | 12             |
| Orifice Size      | 0.35in (9.0mm) |
| Material          | 316 S.S        |
|                   |                |

Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -30 (-34) to 100 (37)  | 1500 (20.6)                    | 400 (204)              | 330 (23)                       |
| 200 (93)               | 1000 (68)                      |                        |                                |
| 300 (148)              | 800(55)                        |                        |                                |
|                        |                                |                        |                                |
|                        |                                |                        |                                |
|                        |                                |                        |                                |

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|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Jul.10, 2024  |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-FNPT8A-12FNPT8A-VFNPT16-316-GG0502 |          |        |
| Format         | A1            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



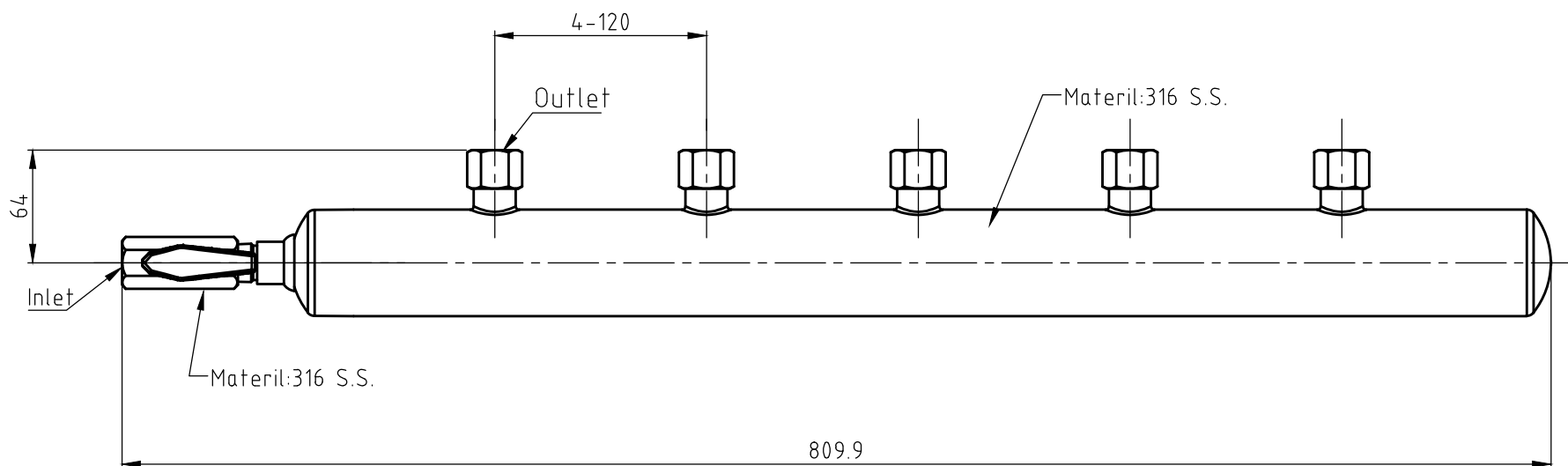
#### Technical Data:

|                   |            |
|-------------------|------------|
| Inlet Size        | 1/2 NPT(F) |
| Outlet Size       | 1/2 NPT(F) |
| Vent Size         | 1/2 NPT(F) |
| Number of Outlets | 6          |
|                   |            |
|                   |            |
|                   |            |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -40 (-40) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Jan.12, 2023  |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-FNPT8N-6FNPT8V-PFNPT8-316-BR       |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



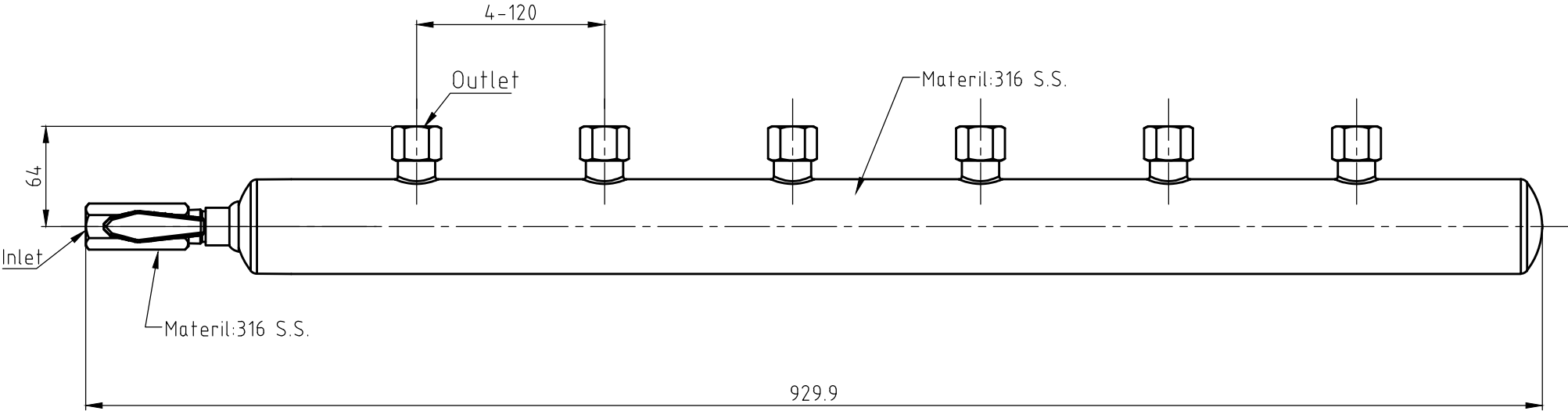
Technical Data:

|                   |             |
|-------------------|-------------|
| Inlet Size        | 1/2 NPT (F) |
| Outlet Size       | 1/2 NPT (F) |
| Number of Outlets | 5           |
|                   |             |
|                   |             |
|                   |             |
|                   |             |

Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -76 (-60) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Jan.27.2024   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-FNPT8Y-5FNPT8-316-LT-GAP01         |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



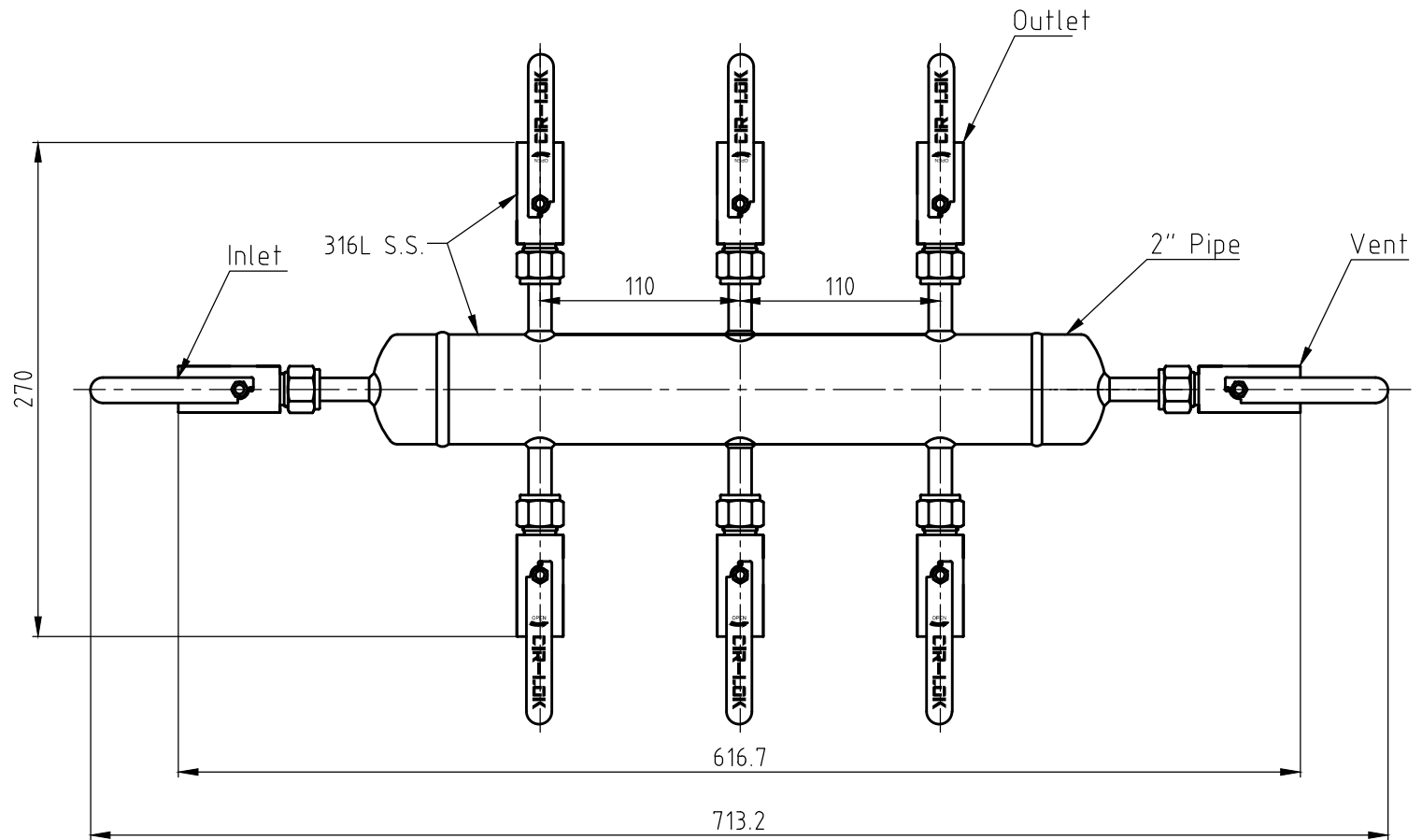
Technical Data:

|                   |             |
|-------------------|-------------|
| Inlet Size        | 1/2 NPT (F) |
| Outlet Size       | 1/2 NPT (F) |
| Number of Outlets | 6           |
|                   |             |
|                   |             |
|                   |             |
|                   |             |

Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -76 (-60) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Jan.27.2024   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-FNPT8Y-6FNPT8-316-LT-GAP01         |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



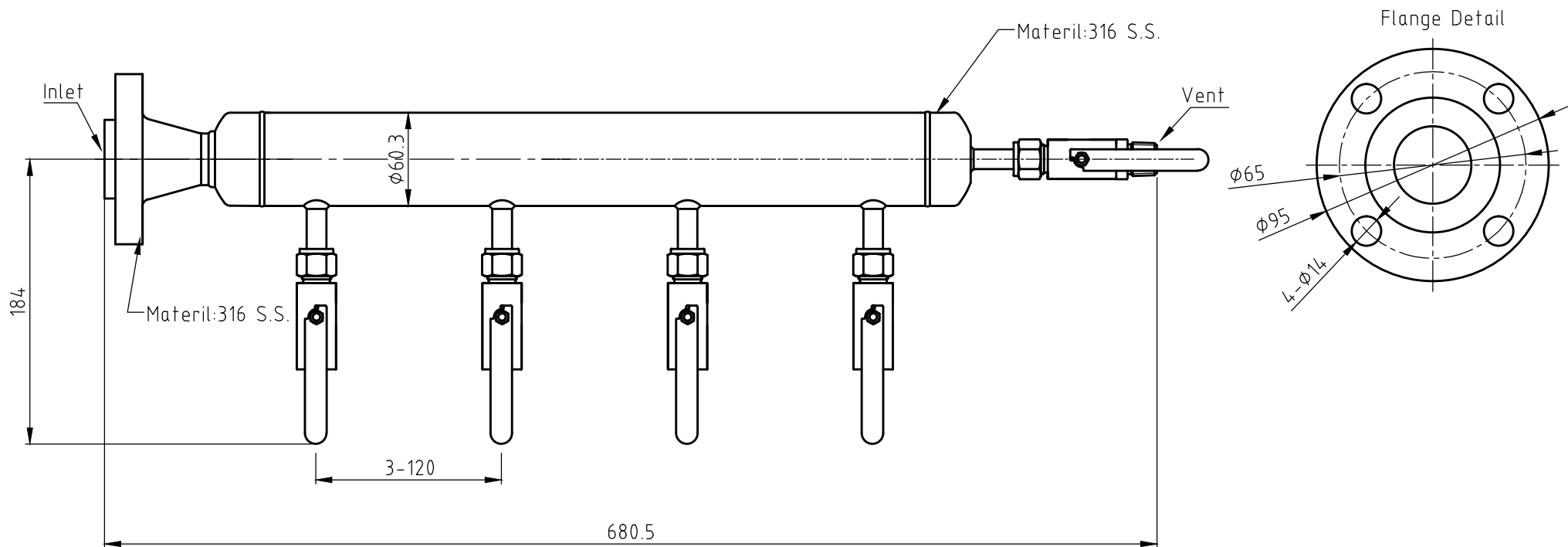
Pressure vs. Temperature Ratings:

Technical Data:

|                   |         |
|-------------------|---------|
| Inlet Size        | 1/2 NPT |
| Outlet Size       | 1/2 NPT |
| Vent Size         | 1/4 NPT |
| Number of Outlets | 6       |
|                   |         |
|                   |         |
|                   |         |

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -30 (-34)to 100 (37)   | 300 (20.6)                     |                        |                                |
| 200 (93)               | 200 (13.7)                     |                        |                                |
| 300 (148)              | 150 (10.2)                     |                        |                                |
| 400 (204)              | 100 (6.5)                      |                        |                                |
| 450 (232)              | 70 (4.6)                       |                        |                                |
|                        |                                |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Jan.19, 2024  |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-FNPT8Y-6FNPT8V-VFNPT4-316          |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



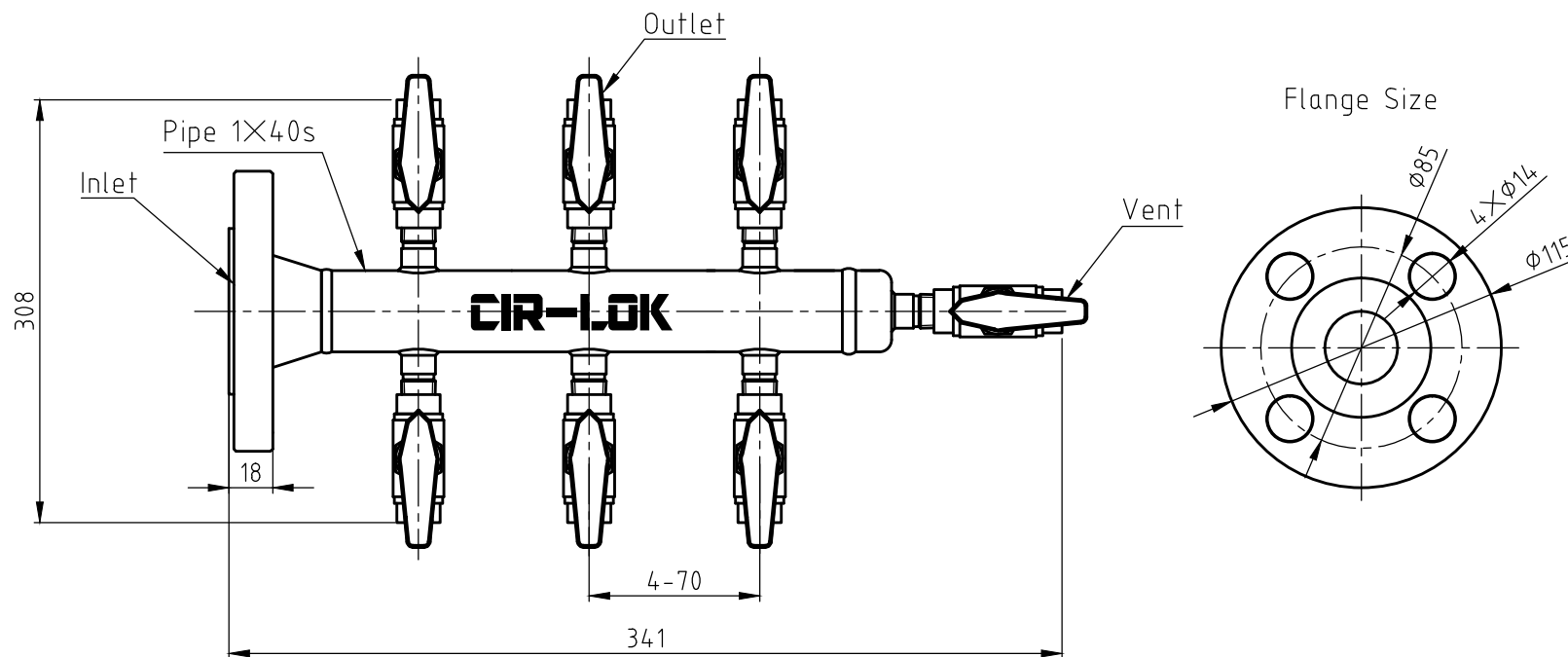
#### Technical Data:

|                   |                             |
|-------------------|-----------------------------|
| Inlet Size        | GOST 33259 DN15 PN25 Type B |
| Outlet Size       | 1/2NPT(F)                   |
| Vent Size         | 1/2NPT                      |
| Number of Outlets | 4                           |
|                   |                             |
|                   |                             |
|                   |                             |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -20 (-28) to 100 (37)  | 330 (22.7)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     |                        |                                |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Apr.18.2024   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | API-GOST1525BN-4FNPT8V-VNPT8-316-GDH01 |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



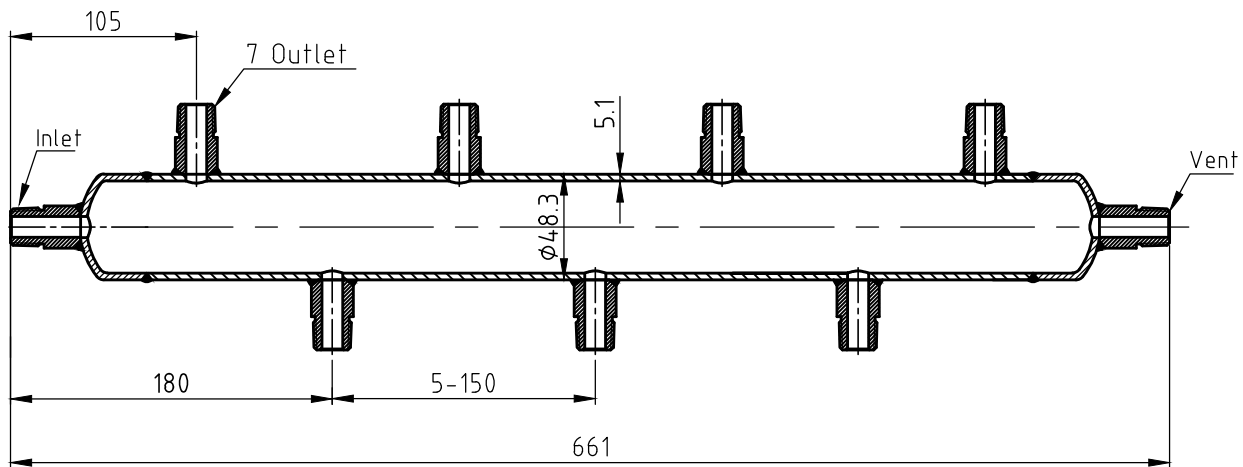
#### Technical Data:

|                   |                             |
|-------------------|-----------------------------|
| Inlet Size        | GOST 33259 DN25 PN16 Type B |
| Outlet Size       | 1/4 NPT (F)                 |
| Vent Size         | 1/4 NPT (F)                 |
| Number of Outlets | 6                           |
|                   |                             |
|                   |                             |
|                   |                             |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -65 (-53) to 300 (148) | 300 (20.6)                     |                        |                                |
|                        |                                |                        |                                |
|                        |                                |                        |                                |

|                |               |         |                                             |          |        |
|----------------|---------------|---------|---------------------------------------------|----------|--------|
|                |               |         |                                             |          |        |
|                |               |         |                                             |          |        |
|                |               |         |                                             |          |        |
| A              | Jul.25.2023   |         |                                             |          | YES    |
| REV            | Revision Date | Created | Checked                                     | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds      |          |        |
|                |               | Model   | AP1-GOST2516BN-6FNPT4V-VFNPT4-BV2-316-FG501 |          |        |
| Format         | A4            | Unit    | mm                                          | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                      |          |        |



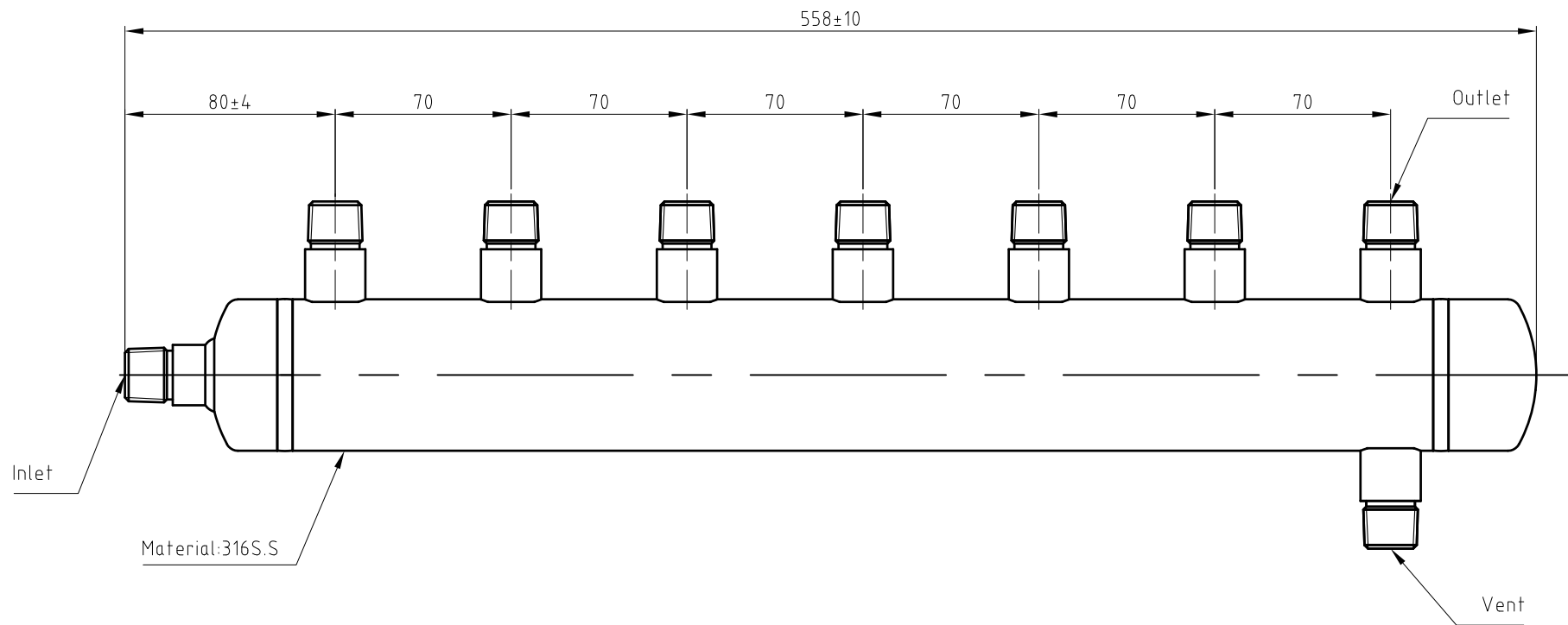
Technical Data:

|                   |          |
|-------------------|----------|
| Inlet Size        | 1/2 NPT  |
| Outlet Size       | 1/2 BSPT |
| Vent Size         | 1/2 NPT  |
| Number of Outlets | 7        |
|                   |          |
|                   |          |
|                   |          |

Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -20 (-28) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Jun.02.2023   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-NPT8N-7MBT8N-NPT8-316              |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



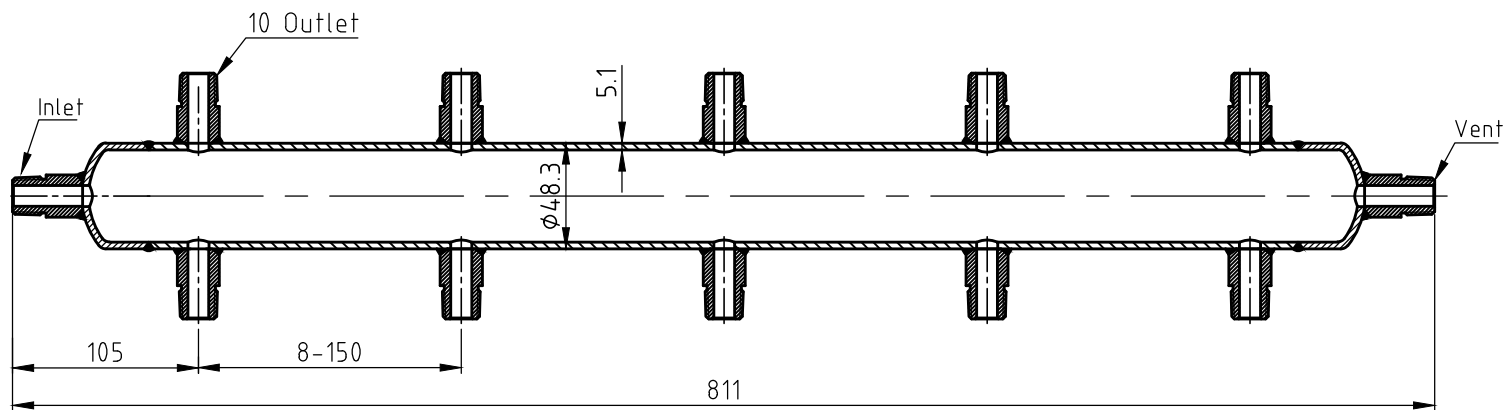
#### Technical Data:

|                   |         |
|-------------------|---------|
| Inlet Size        | 1/2 NPT |
| Outlet Size       | 1/2 NPT |
| Number of Outlets | 7       |
|                   |         |
|                   |         |
|                   |         |
|                   |         |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -65 (-53) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Apr.08.2025   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-NPT8N-8NPT4N-316-HD701             |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



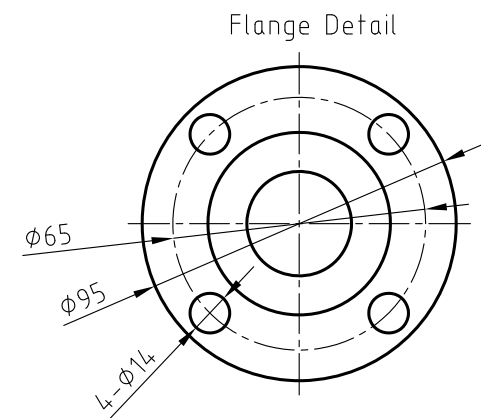
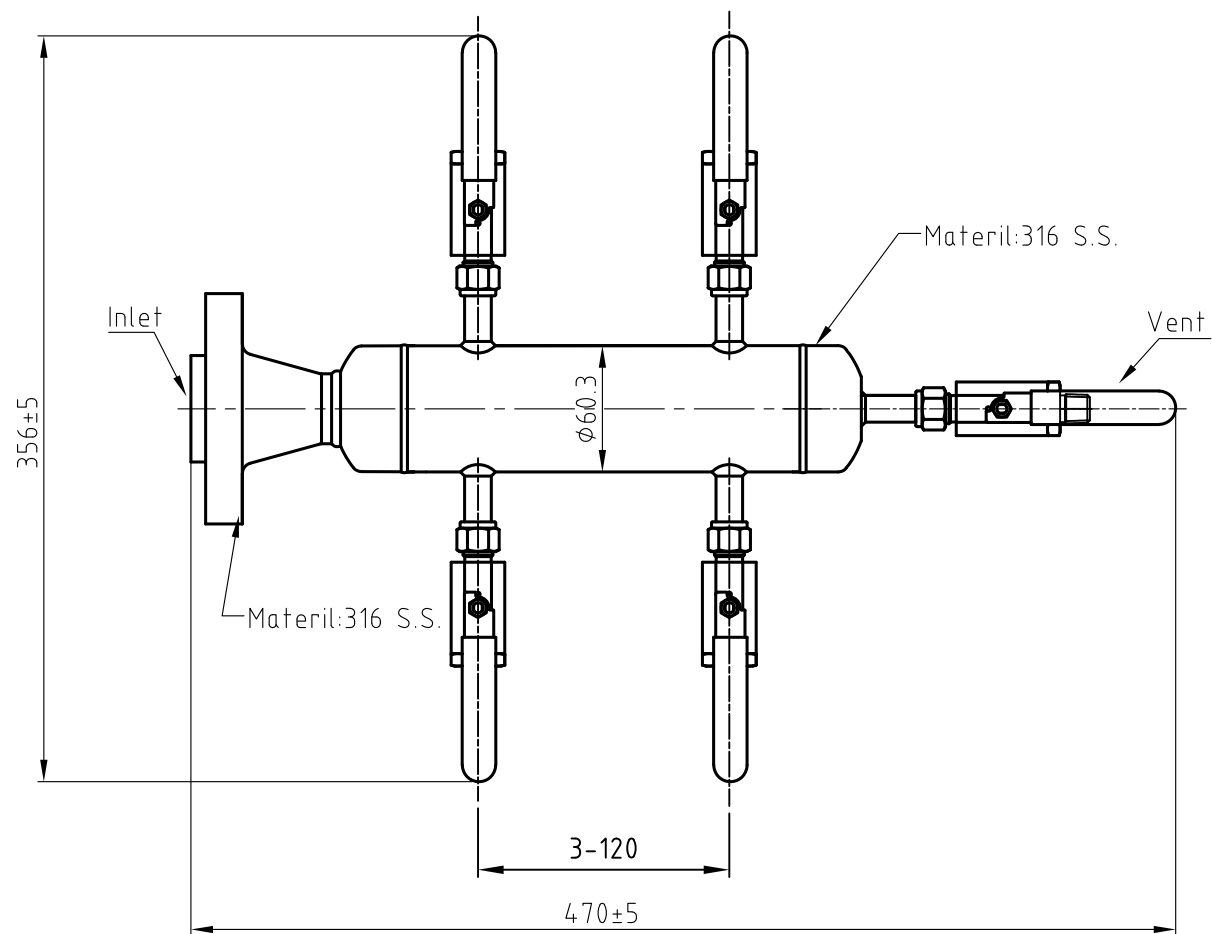
#### Technical Data:

|                   |          |
|-------------------|----------|
| Inlet Size        | 1/2 NPT  |
| Outlet Size       | 1/2 BSPT |
| Vent Size         | 1/2 NPT  |
| Number of Outlets | 10       |
|                   |          |
|                   |          |
|                   |          |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -20 (-28) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Jun.02.2023   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-NPT8N-10MBT8N-NPT8-316             |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



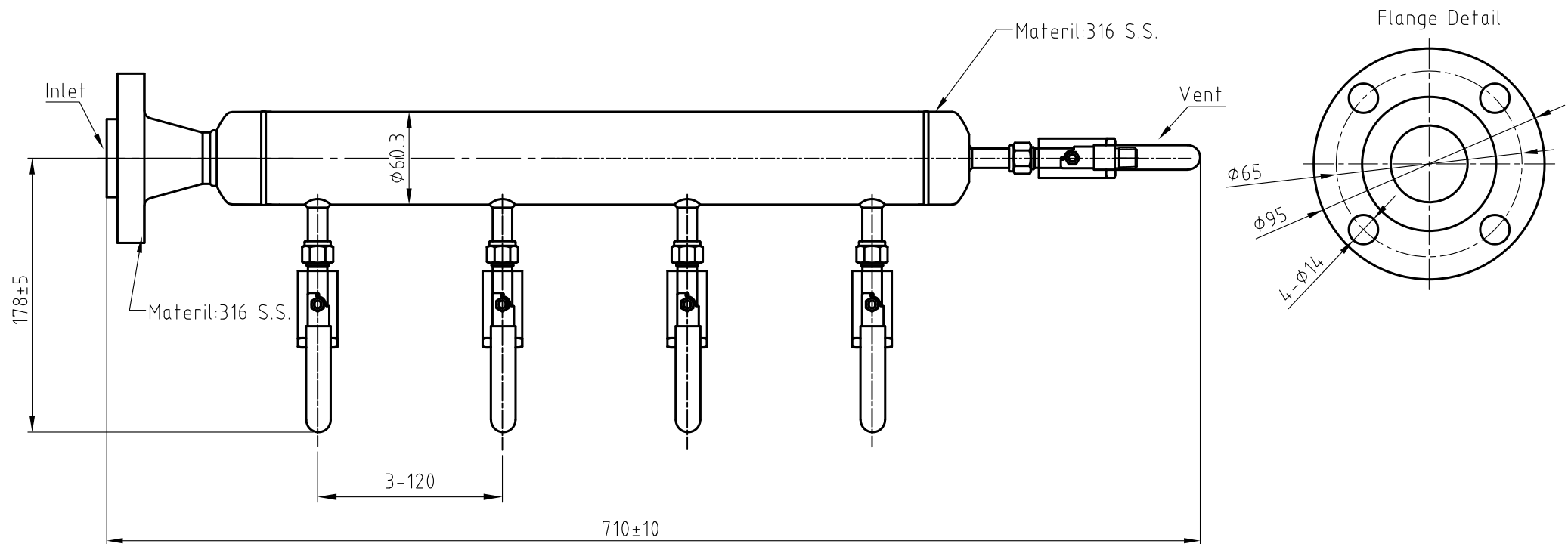
#### Technical Data:

|                   |                             |
|-------------------|-----------------------------|
| Inlet Size        | GOST 33259 DN15 PN25 Type B |
| Outlet Size       | 1/2 NPT(F)                  |
| Vent Size         | 1/4 NPT                     |
| Number of Outlets | 4                           |
|                   |                             |
|                   |                             |
|                   |                             |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -20 (-28) to 100 (37)  | 330 (22.7)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     |                        |                                |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| B              | Jan.14.2025   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-GOST1525BN-4FNPT8V-VNPT8-316       |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



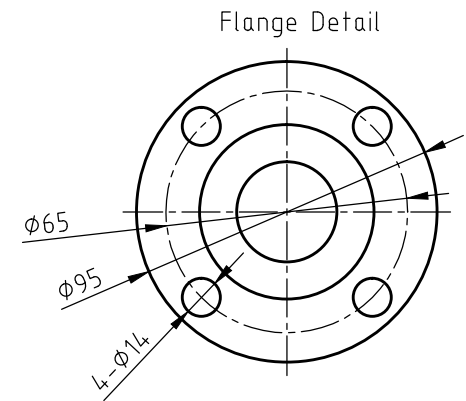
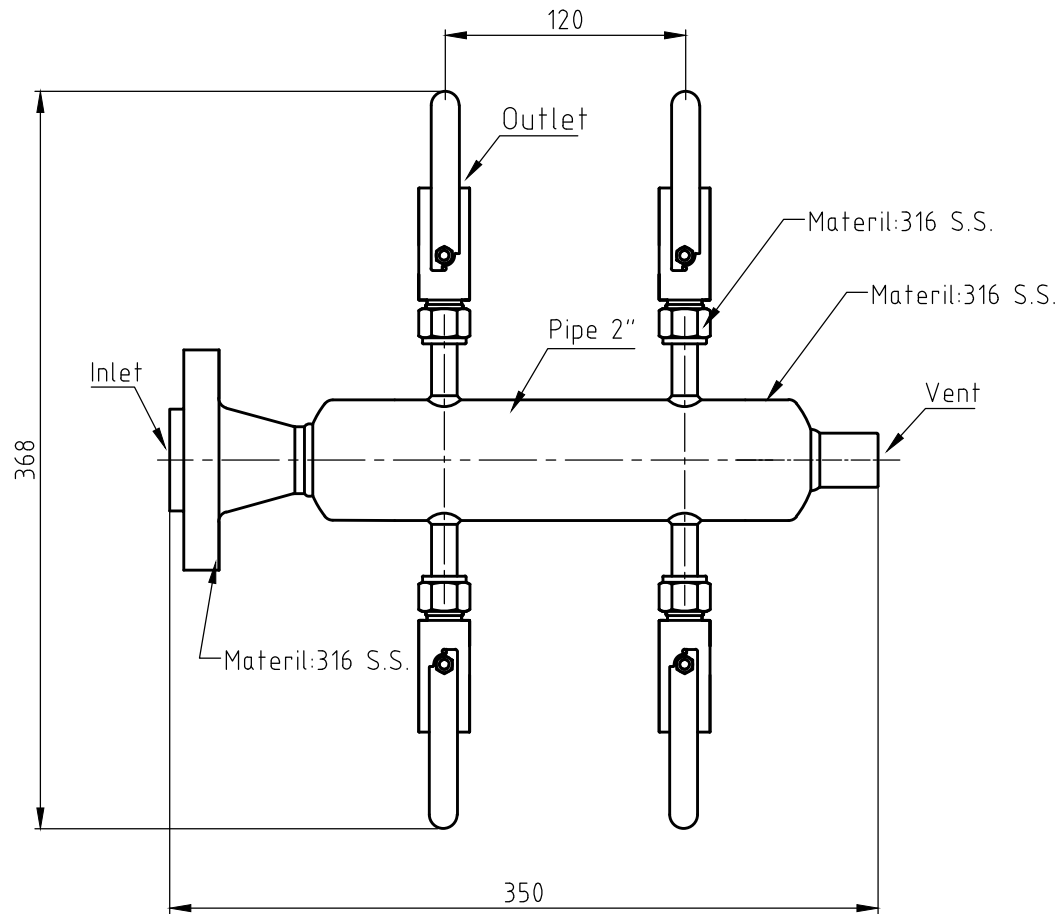
#### Technical Data:

|                   |                             |
|-------------------|-----------------------------|
| Inlet Size        | GOST 33259 DN15 PN25 Type B |
| Outlet Size       | 1/4 NPT(F)                  |
| Vent Size         | 1/4 NPT                     |
| Number of Outlets | 4                           |
|                   |                             |
|                   |                             |
|                   |                             |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -20 (-28) to 100 (37)  | 330 (22.7)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     |                        |                                |
| 300 (148)              | 150 (10.2)                     |                        |                                |

| A              | Dec.30.2024   |         |                                        |          | YES    |
|----------------|---------------|---------|----------------------------------------|----------|--------|
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-GOST1525BN-4FNPT4V-VNPT4-316-GDH01 |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



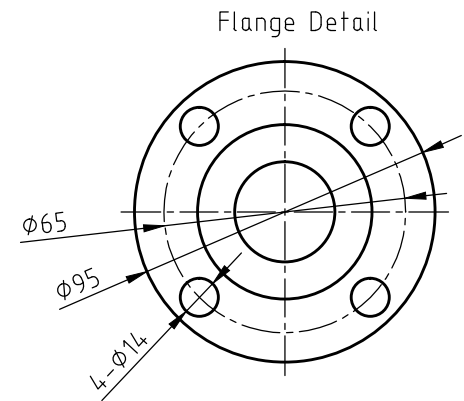
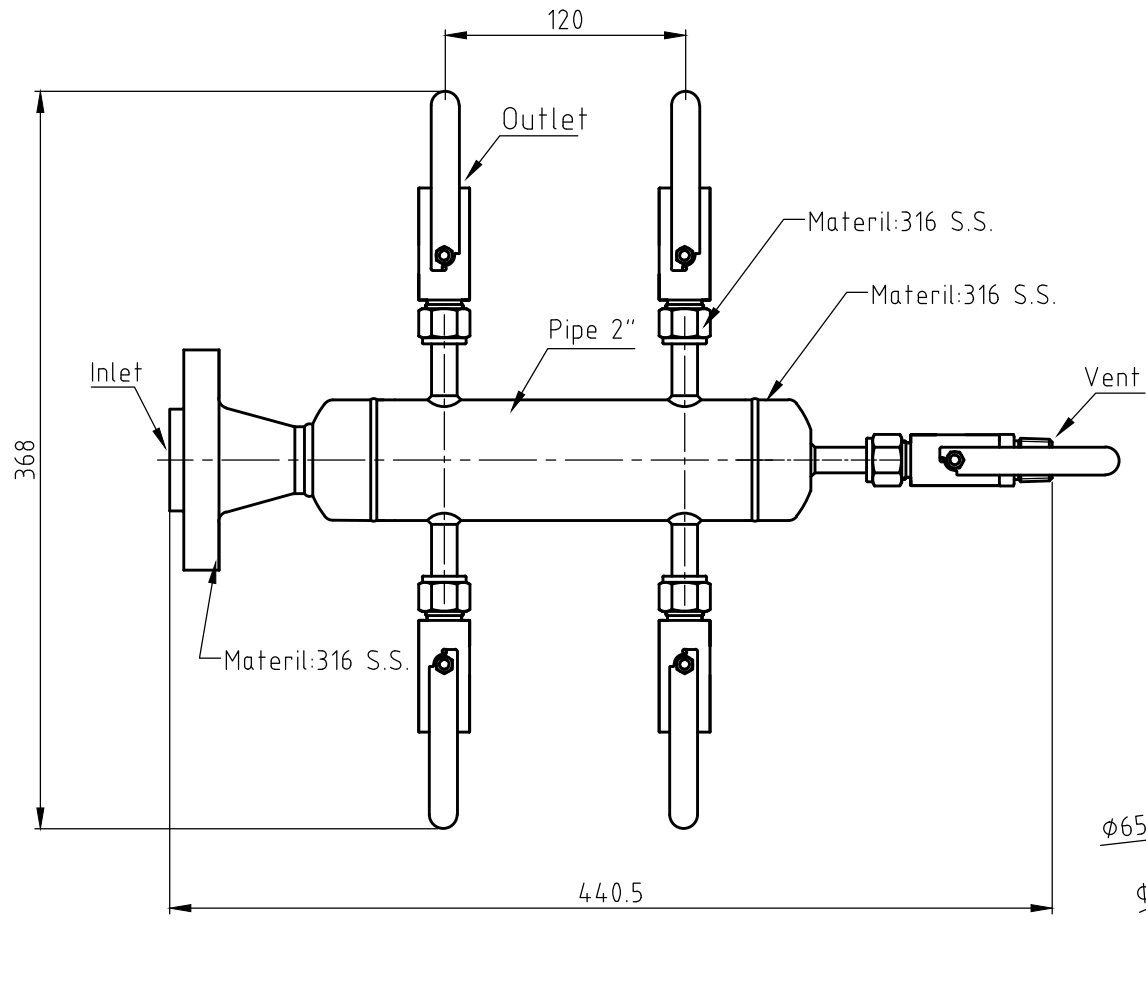
#### Technical Data:

|                   |                             |
|-------------------|-----------------------------|
| Inlet Size        | GOST 33259 DN15 PN25 Type B |
| Outlet Size       | 1/2NPT(F)                   |
| Vent Size         | 1/2NPT(F)                   |
| Number of Outlets | 4                           |
|                   |                             |
|                   |                             |
|                   |                             |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -20 (-28) to 100 (37)  | 330 (22.7)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     |                        |                                |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Feb.24.2024   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-GOST1525BN-4FNPT8V-FNPT8-316       |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



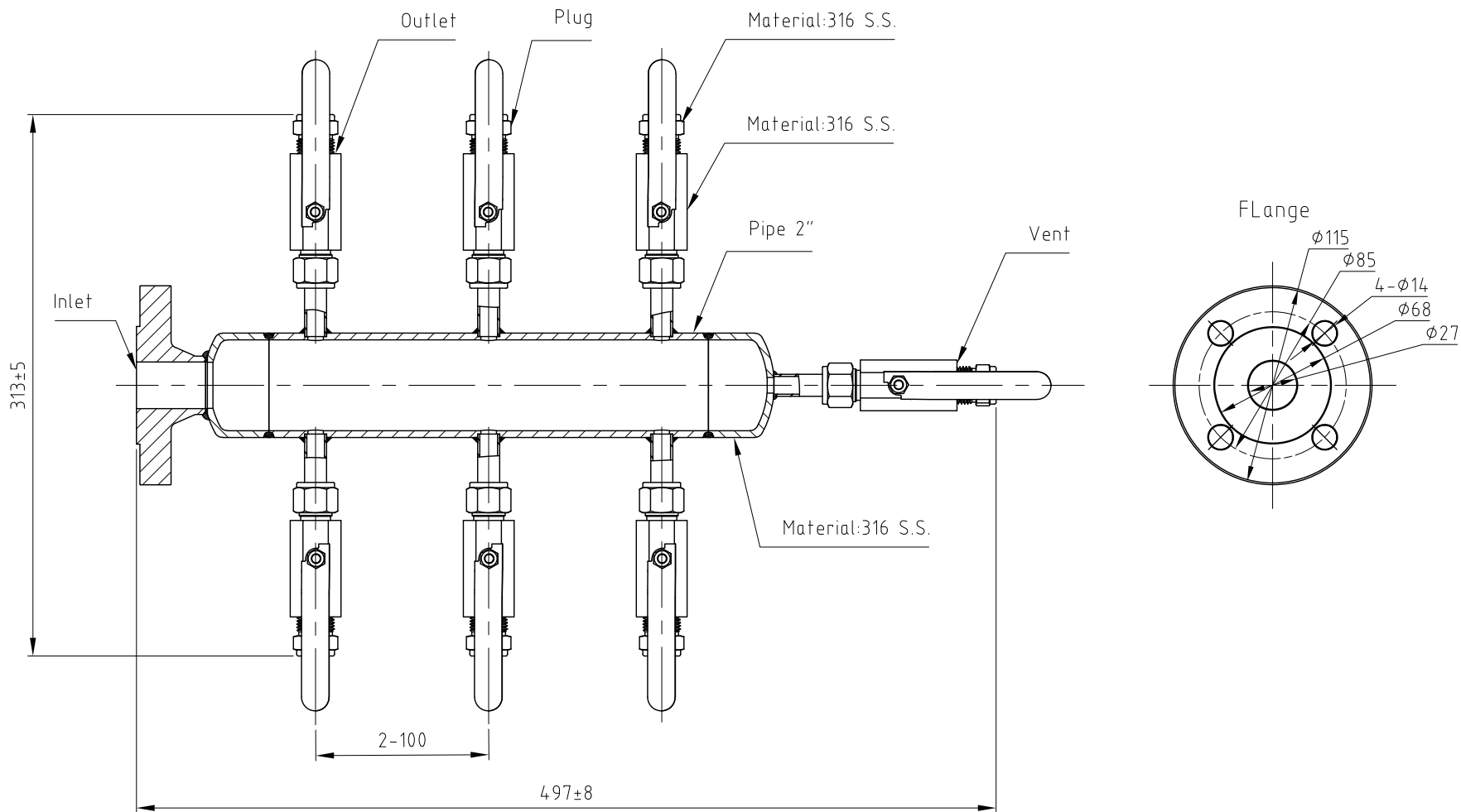
#### Technical Data:

|                   |                             |
|-------------------|-----------------------------|
| Inlet Size        | GOST 33259 DN15 PN25 Type B |
| Outlet Size       | 1/2NPT(F)                   |
| Vent Size         | 1/2NPT                      |
| Number of Outlets | 4                           |
|                   |                             |
|                   |                             |
|                   |                             |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -20 (-28) to 100 (37)  | 330 (22.7)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     |                        |                                |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Mar.11.2024   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-GOST1525BN-4FNPT8V-VNPT8-316       |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



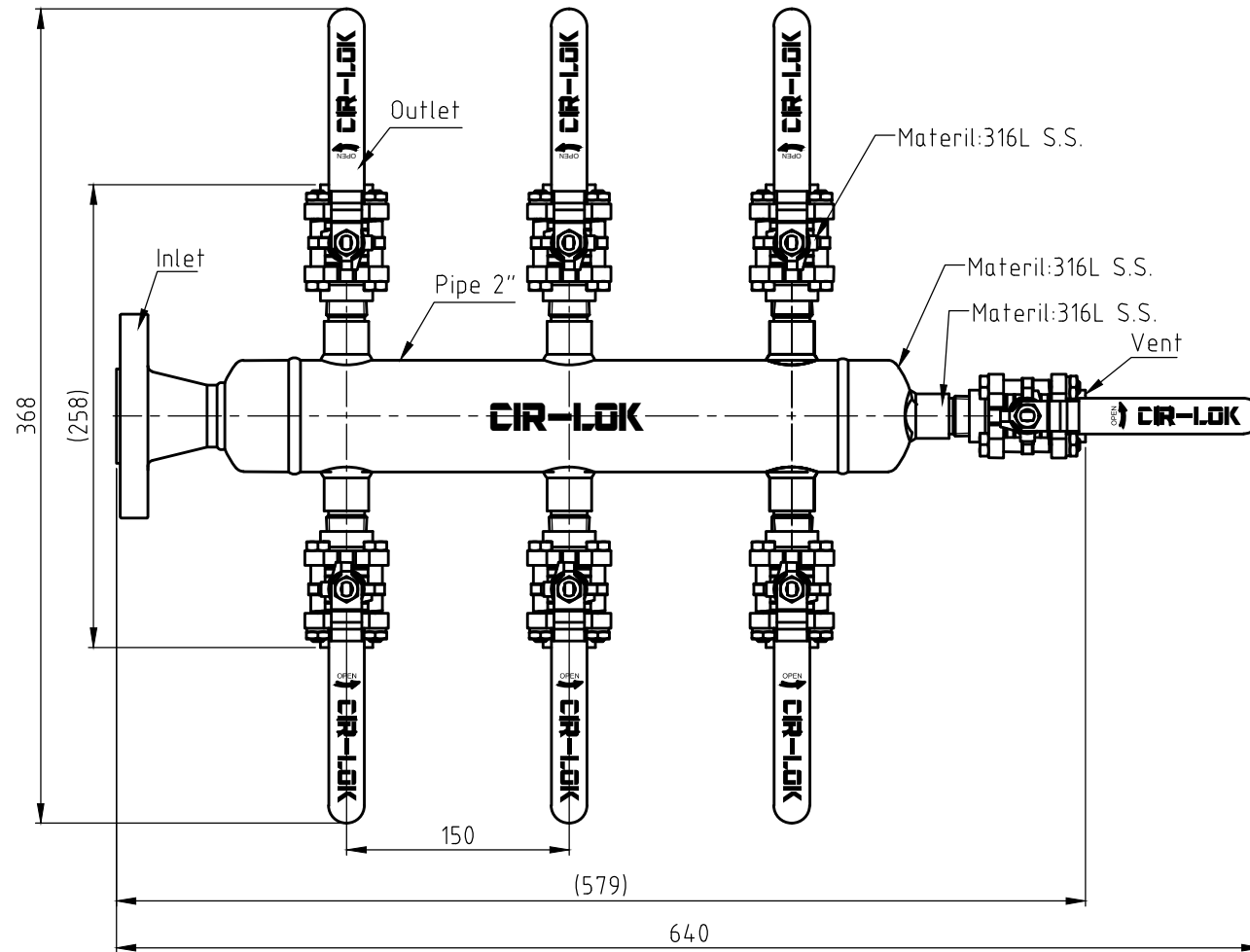
#### Technical Data:

|                   |                         |
|-------------------|-------------------------|
| Inlet Size        | HG/T 20592 DN25 PN16 RF |
| Outlet Size       | 1/2 NPT (F)             |
| Vent Size         | 1/2 NPT (F)             |
| Number of Outlets | 6                       |
|                   |                         |
|                   |                         |
|                   |                         |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -20 (-28) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

| A              | Jan.20.2025   |         |                                        |          | YES    |
|----------------|---------------|---------|----------------------------------------|----------|--------|
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-RF2516N-6FNPT8A-AFNPT8-316-HAK01   |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



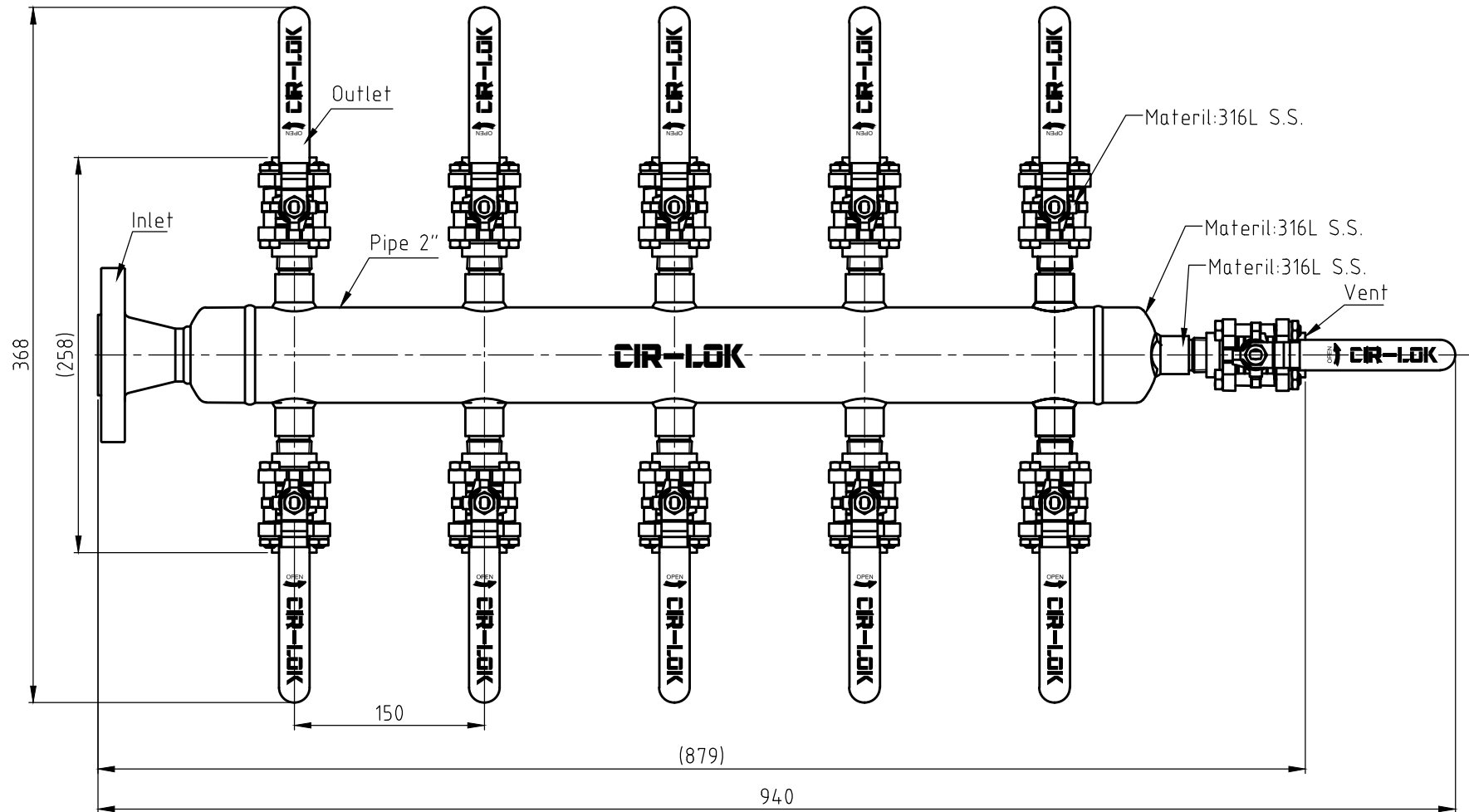
#### Technical Data:

|                   |                         |
|-------------------|-------------------------|
| Inlet Size        | HG/T 20592 DN25 PN40 RF |
| Outlet Size       | 1/2 NPT(F)              |
| Vent Size         | 1/2 NPT(F)              |
| Number of Outlets | 6                       |
|                   |                         |
|                   |                         |
|                   |                         |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°C (°F) | Working Pressure<br>bar (psig) | Temperature<br>°C (°F) | Working Pressure<br>bar (psig) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -53 (-65) to 37 (100)  | 36.8 (534)                     | 150 (302)              | 28.5 (413)                     |
| 50 (122)               | 35.6 (516)                     | 200 (392)              | 26.4 (383)                     |
| 100 (212)              | 31.3 (454)                     |                        |                                |

|                |               |         |                                          |          |        |
|----------------|---------------|---------|------------------------------------------|----------|--------|
|                |               |         |                                          |          |        |
|                |               |         |                                          |          |        |
|                |               |         |                                          |          |        |
| A              | Jan.24.2024   |         |                                          |          | YES    |
| REV            | Revision Date | Created | Checked                                  | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds   |          |        |
|                |               | Model   | AP1-RF16PN40N-6FNPT8V-VFNPT8-BV5-316L-LT |          |        |
| Format         | A4            | Unit    | mm                                       | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                   |          |        |



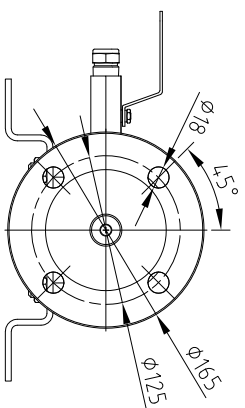
#### Technical Data:

|                   |                         |
|-------------------|-------------------------|
| Inlet Size        | HG/T 20592 DN25 PN40 RF |
| Outlet Size       | 1/2 NPT(F)              |
| Vent Size         | 1/2 NPT(F)              |
| Number of Outlets | 10                      |
|                   |                         |
|                   |                         |
|                   |                         |

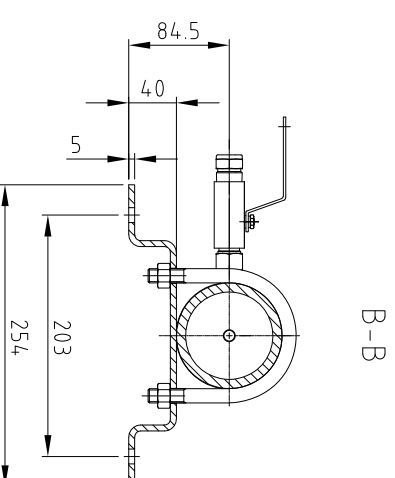
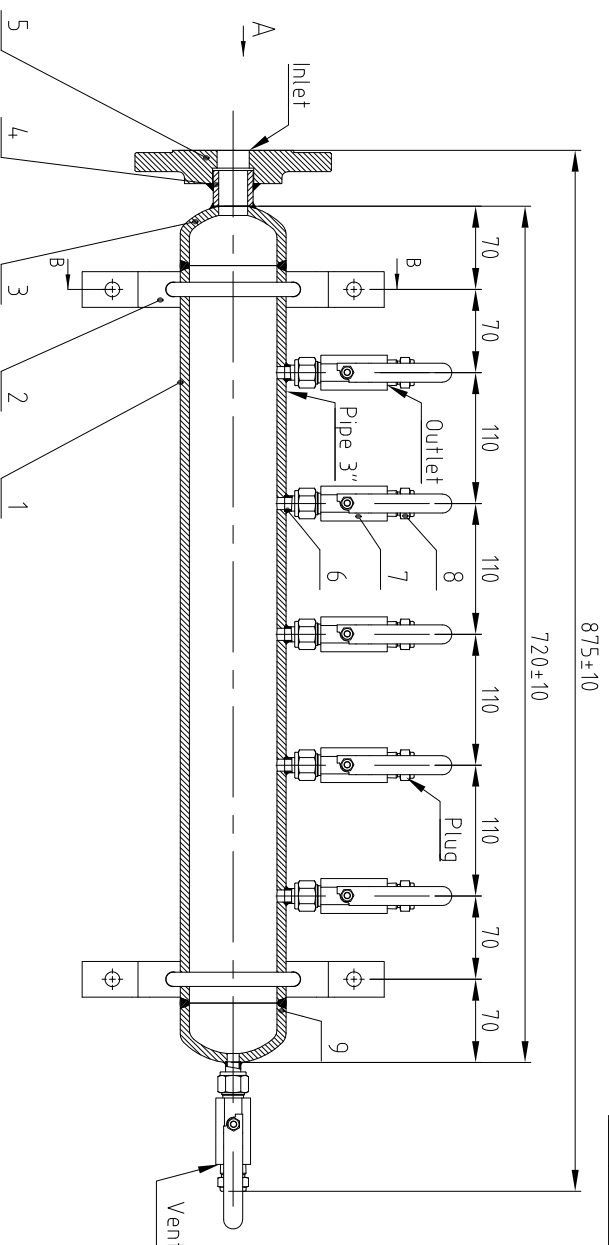
#### Pressure vs. Temperature Ratings:

| Temperature<br>°C (°F) | Working Pressure<br>bar (psig) | Temperature<br>°C (°F) | Working Pressure<br>bar (psig) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -53 (-65) to 37 (100)  | 36.8 (534)                     | 150 (302)              | 28.5 (413)                     |
| 50 (122)               | 35.6 (516)                     | 200 (392)              | 26.4 (383)                     |
| 100 (212)              | 31.3 (454)                     |                        |                                |

|                |               |         |                                           |          |        |
|----------------|---------------|---------|-------------------------------------------|----------|--------|
|                |               |         |                                           |          |        |
|                |               |         |                                           |          |        |
| A              | Jan.24.2024   |         |                                           |          | YES    |
| REV            | Revision Date | Created | Checked                                   | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds    |          |        |
|                |               | Model   | AP1-RF16PN40N-10FNPT8V-VFNPT8-BV5-316L-LT |          |        |
| Format         | A4            | Unit    | mm                                        | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                    |          |        |



| Component |             | Material          | Size                  | Q'TY |
|-----------|-------------|-------------------|-----------------------|------|
| 1         | Pipe        | TP316/ASTM A312   | NPS 3,Sch 80S         | 1    |
| 2         | U-bolt      | S.S.304           | M12,NPS3              | 2    |
| 3         | Weld Nipple | TP316/ASTM A312   | NPS3,NPS1,Sch80S      | 1    |
| 4         | Weld Nipple | TP316/ASTM A312   | NPS1,Sch80S           | 1    |
| 5         | Flange      | S.S.316/ASTM A182 | DN50,PN16,S,W,RF      | 1    |
| 6         | Tube        | TP316/ASTM A269   | O.D.ø1/2",0,049in     | 6    |
| 7         | Ball Valve  | S.S.316/ASTM A479 | O.D.ø1/2",1/2 NPT     | 6    |
| 8         | Plug        | S.S.316/ASTM A479 | 1/2 NPT               | 6    |
| 9         | Weld Nipple | TP316/ASTM A312   | NPS3,O.D.ø1/4",Sch80S | 1    |



Orifice Size: The ball valve has a bore diameter of 0.35in (9.0mm)

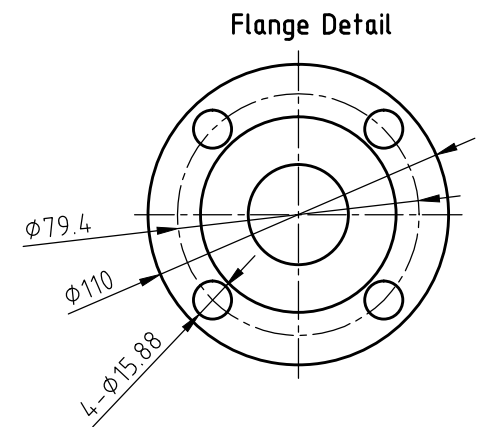
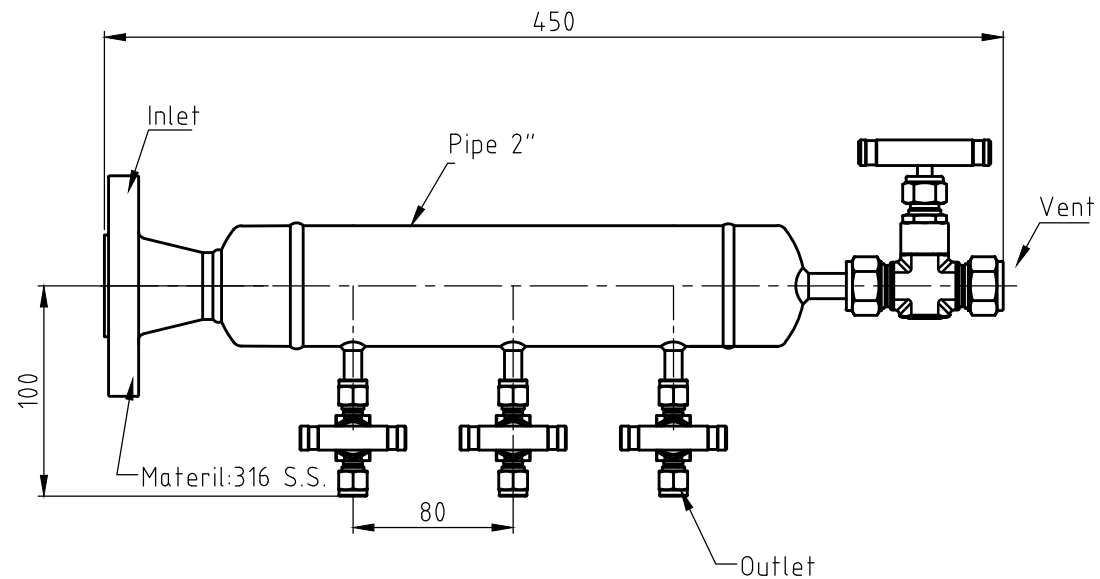
### Technical Data:

|                   |                         |
|-------------------|-------------------------|
| Inlet Size        | HG/T 20592 DN50 PN16 RF |
| Outlet Size       | 1/2 NPT(F)              |
| Vent Size         | 1/2 NPT(F)              |
| Number of Outlets | 5                       |
| Orifice Size      | 0.35in (9.0mm)          |
| Material          | TP316/S.S.316           |

### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -40 (-40) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|         |             |      |         |                                        |          |                                                                                   |  |     |  |
|---------|-------------|------|---------|----------------------------------------|----------|-----------------------------------------------------------------------------------|--|-----|--|
|         |             |      |         |                                        |          |                                                                                   |  |     |  |
|         |             |      |         |                                        |          |                                                                                   |  |     |  |
| A       | Dec.11.2024 |      |         |                                        |          |                                                                                   |  | YES |  |
| REV     | Revision    | Date | Created | Checked                                | Approved | Status                                                                            |  |     |  |
| CIR-LOK |             |      | Title   | Air Headers and Distribution Manifolds |          |                                                                                   |  |     |  |
| Formatt | A4          | Unit | Model   | AP1-RF32PM16N-5MPMT8A-AFNPT8-3Is-GM401 |          |                                                                                   |  |     |  |
| Scale   | Not 1:1     | Page | mm      | 1 of 1                                 | View     |  |  |     |  |



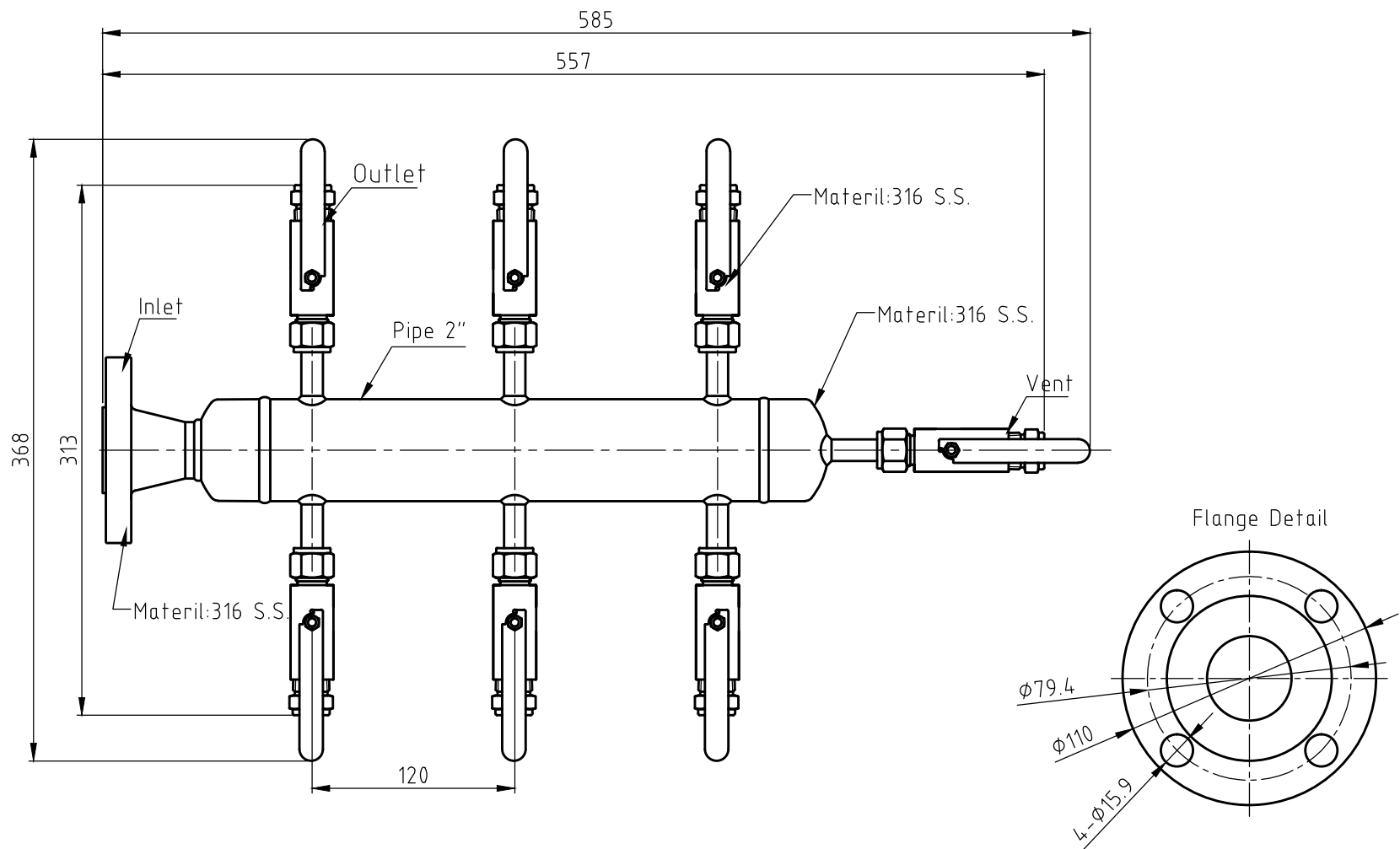
#### Technical Data:

|                   |                            |
|-------------------|----------------------------|
| Inlet Size        | 1" ASME B16.5 Class150 RF  |
| Outlet Size       | O.D. $\phi 1\frac{1}{4}$ " |
| Vent Size         | O.D. $\phi 1\frac{1}{2}$ " |
| Number of Outlets | 3                          |
|                   |                            |
|                   |                            |
|                   |                            |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -40 (-40) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Mar.17.2022   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-RF116N-3F4V-VF8-NV1-316            |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



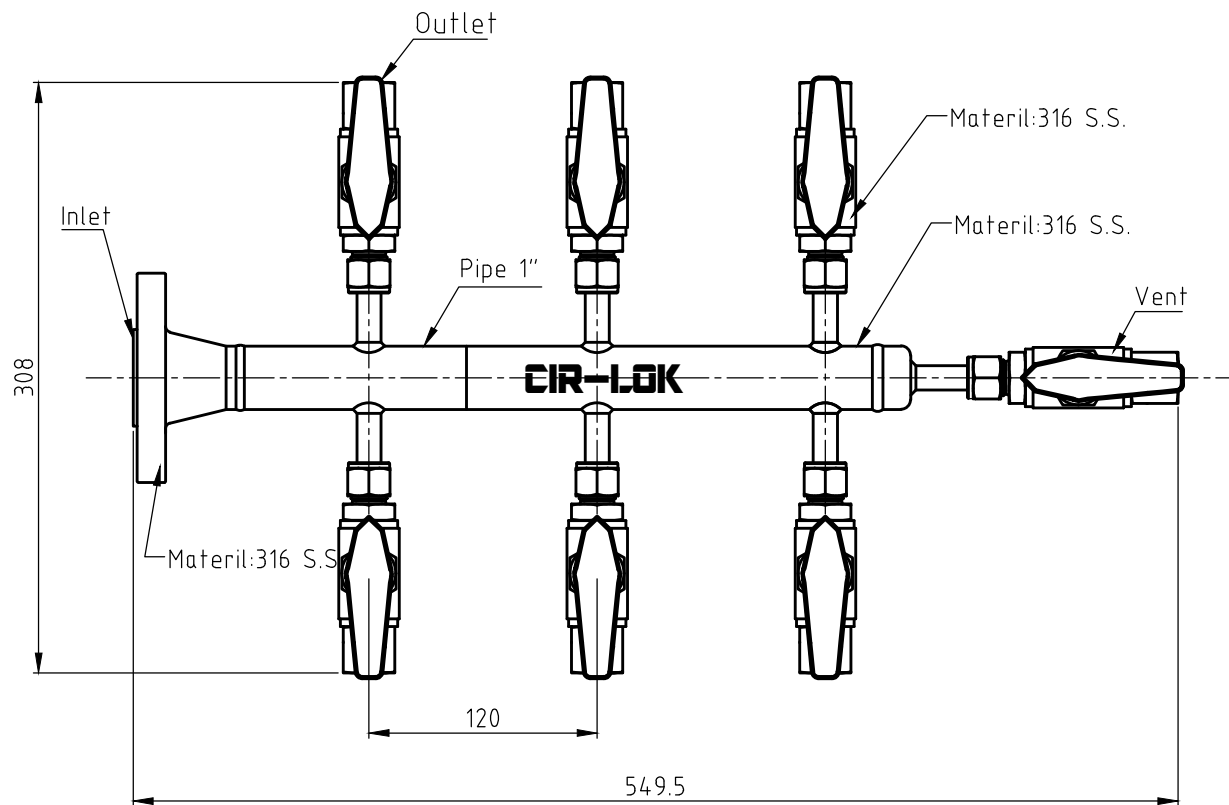
#### Technical Data:

|                   |                           |
|-------------------|---------------------------|
| Inlet Size        | 1" ASME B16.5 Class150 RF |
| Outlet Size       | 1/2 NPT (F)               |
| Vent Size         | 1/2 NPT (F)               |
| Number of Outlets | 6                         |
|                   |                           |
|                   |                           |
|                   |                           |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -40 (-40) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Jan.05.2024   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-RF116N-6FNPT8A-AFNPT8-316          |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



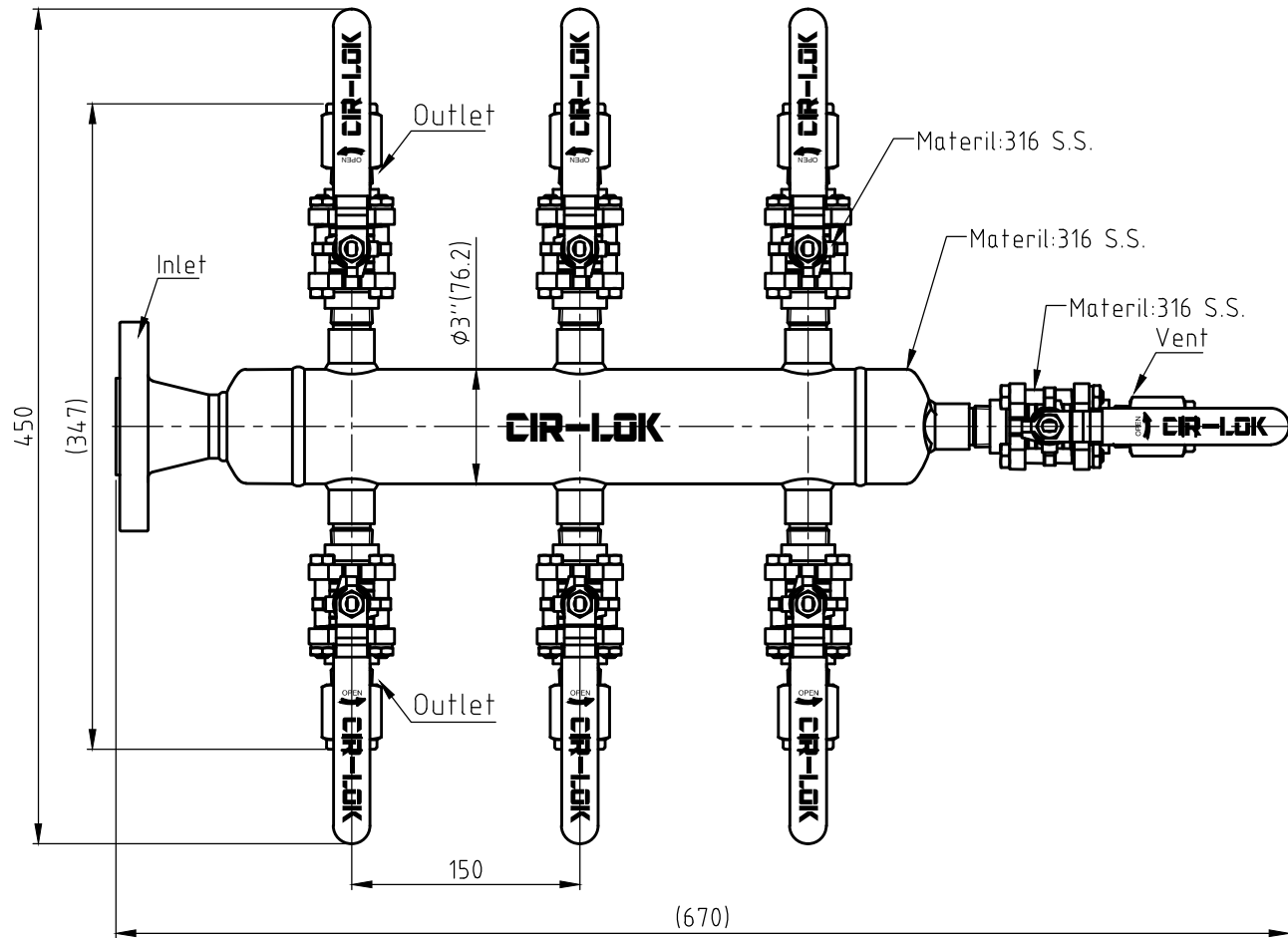
#### Technical Data:

|                   |                          |
|-------------------|--------------------------|
| Inlet Size        | ASME B16.5 1 Class150 RF |
| Outlet Size       | 1/2 NPT (F)              |
| Vent Size         | 1/2 NPT (F)              |
| Number of Outlets | 6                        |
|                   |                          |
|                   |                          |
|                   |                          |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -65 (-53) to 100 (37)  | 300 (20.6)                     | 350 (176)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     |                        |                                |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                         |          |        |
|----------------|---------------|---------|-----------------------------------------|----------|--------|
|                |               |         |                                         |          |        |
|                |               |         |                                         |          |        |
|                |               |         |                                         |          |        |
| A              | Jun.30.2023   |         |                                         |          | YES    |
| REV            | Revision Date | Created | Checked                                 | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds  |          |        |
|                |               | Model   | AP1-RF116N-6FNPT8V-VFNPT8-BV1-316-FFV01 |          |        |
| Format         | A4            | Unit    | mm                                      | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                  |          |        |



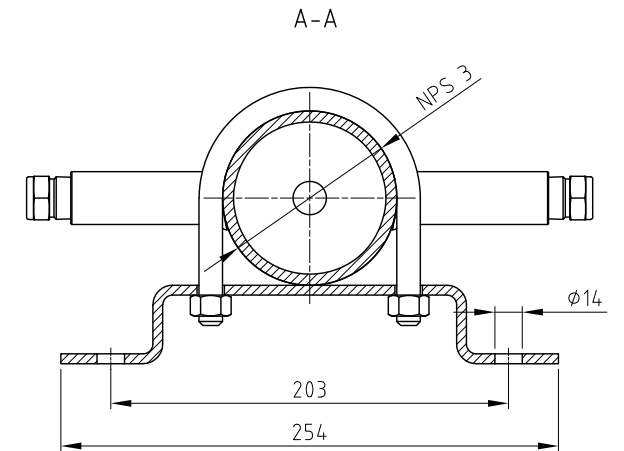
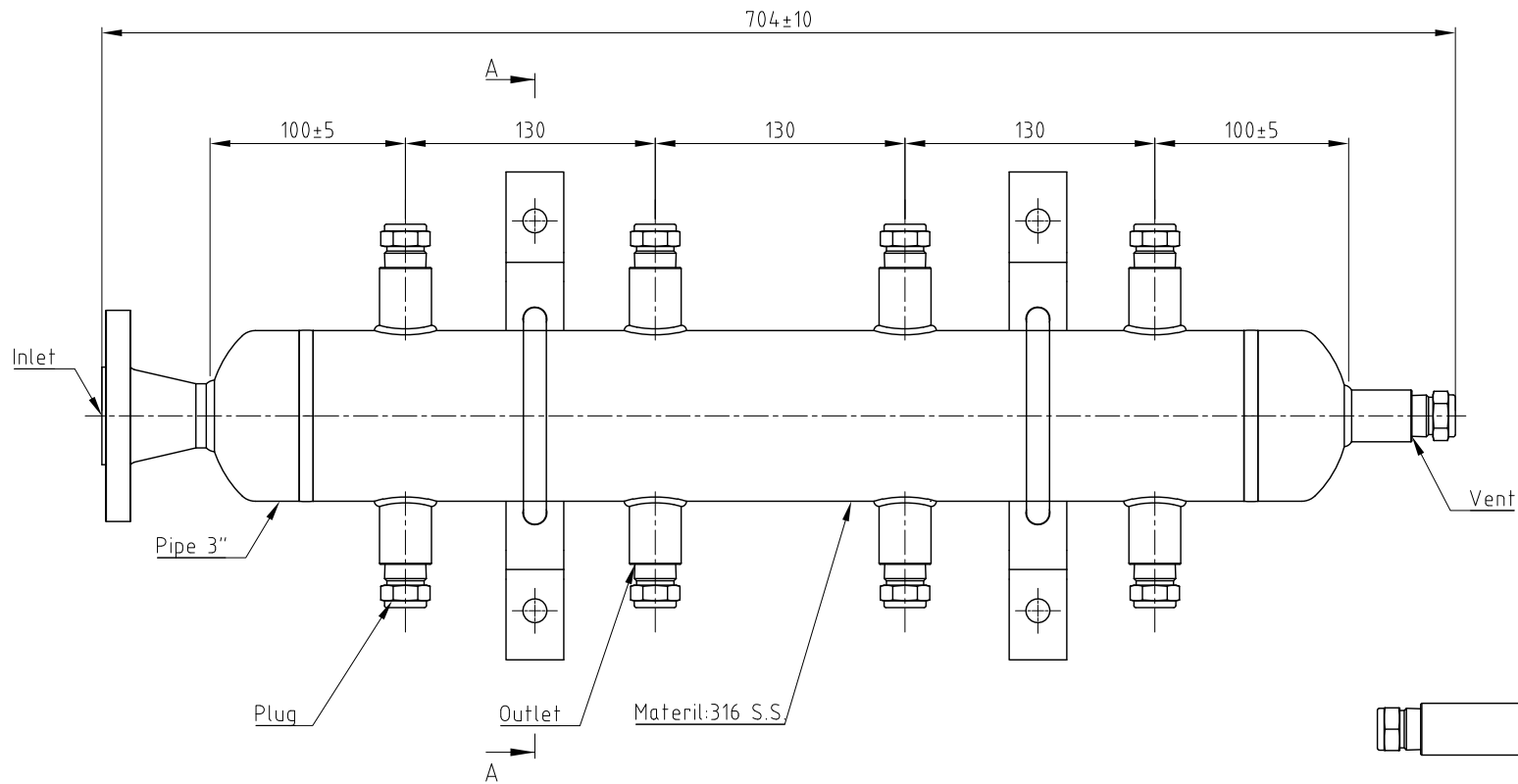
#### Technical Data:

|                   |                           |
|-------------------|---------------------------|
| Inlet Size        | 1" ASME B16.5 Class150 RF |
| Outlet Size       | 1/2 NPT (M) With Plug     |
| Vent Size         | 1/2 NPT (M) With Plug     |
| Number of Outlets | 6                         |
|                   |                           |
|                   |                           |
|                   |                           |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -40 (-40) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Dec.21.2023   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-RF116N-6NPT8V-ANPT8-BV5-316-FMJ02  |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



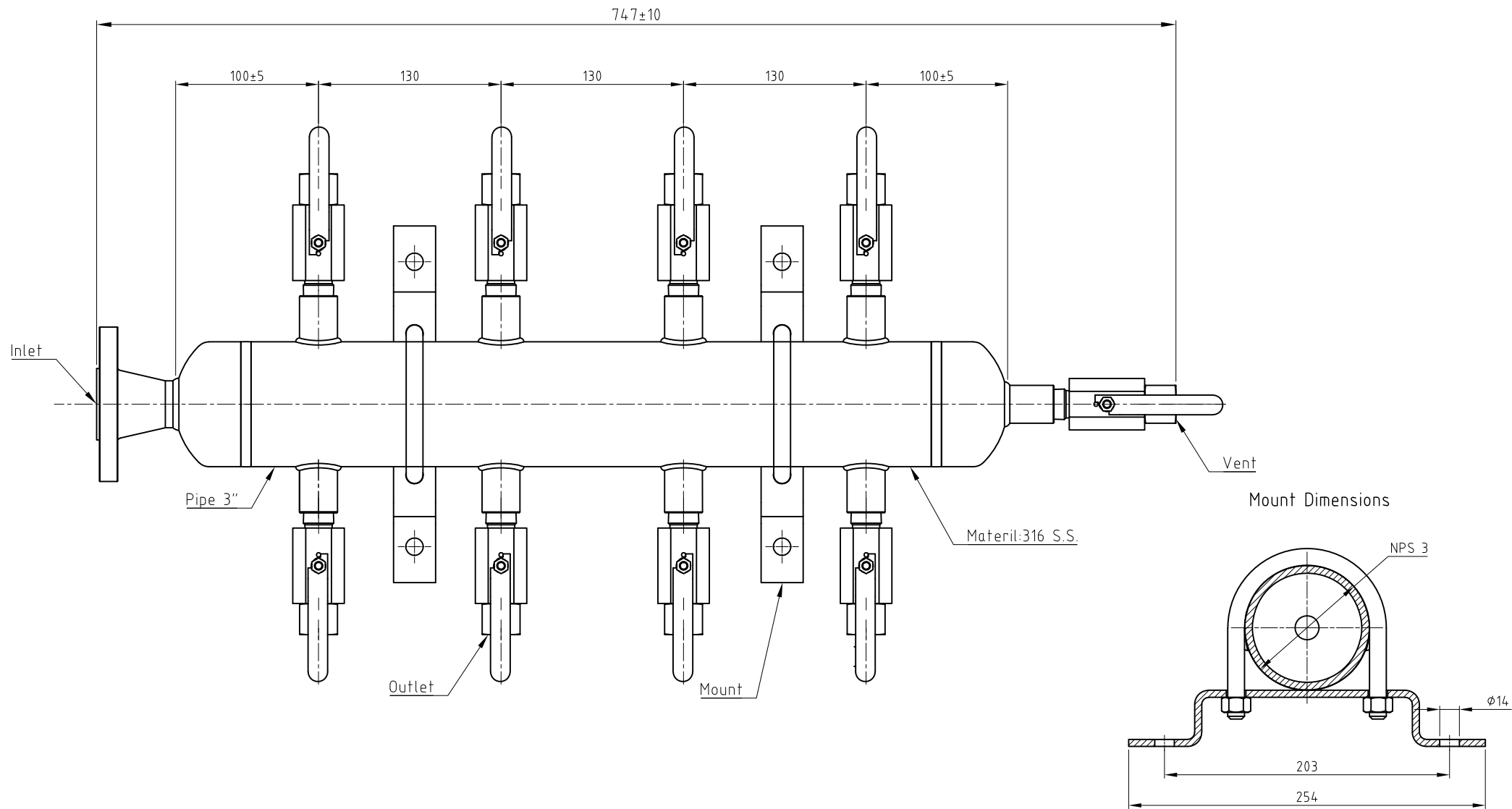
#### Technical Data:

|                   |                           |
|-------------------|---------------------------|
| Inlet Size        | 1" ASME B16.5 Class150 RF |
| Outlet Size       | 1/2 NPT(F)                |
| Vent Size         | 1/2 NPT(F)                |
| Number of Outlets | 8                         |
|                   |                           |
|                   |                           |
|                   |                           |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -40 (-40) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

| A              | Dec.17.2024   |         |                                           |          | YES    |
|----------------|---------------|---------|-------------------------------------------|----------|--------|
| REV            | Revision Date | Created | Checked                                   | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds    |          |        |
|                |               | Model   | AP1-RF116N-8FNPT8P-PFNPT8-316-MOUNT-GMF01 |          |        |
| Format         | A4            | Unit    | mm                                        | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                    |          |        |



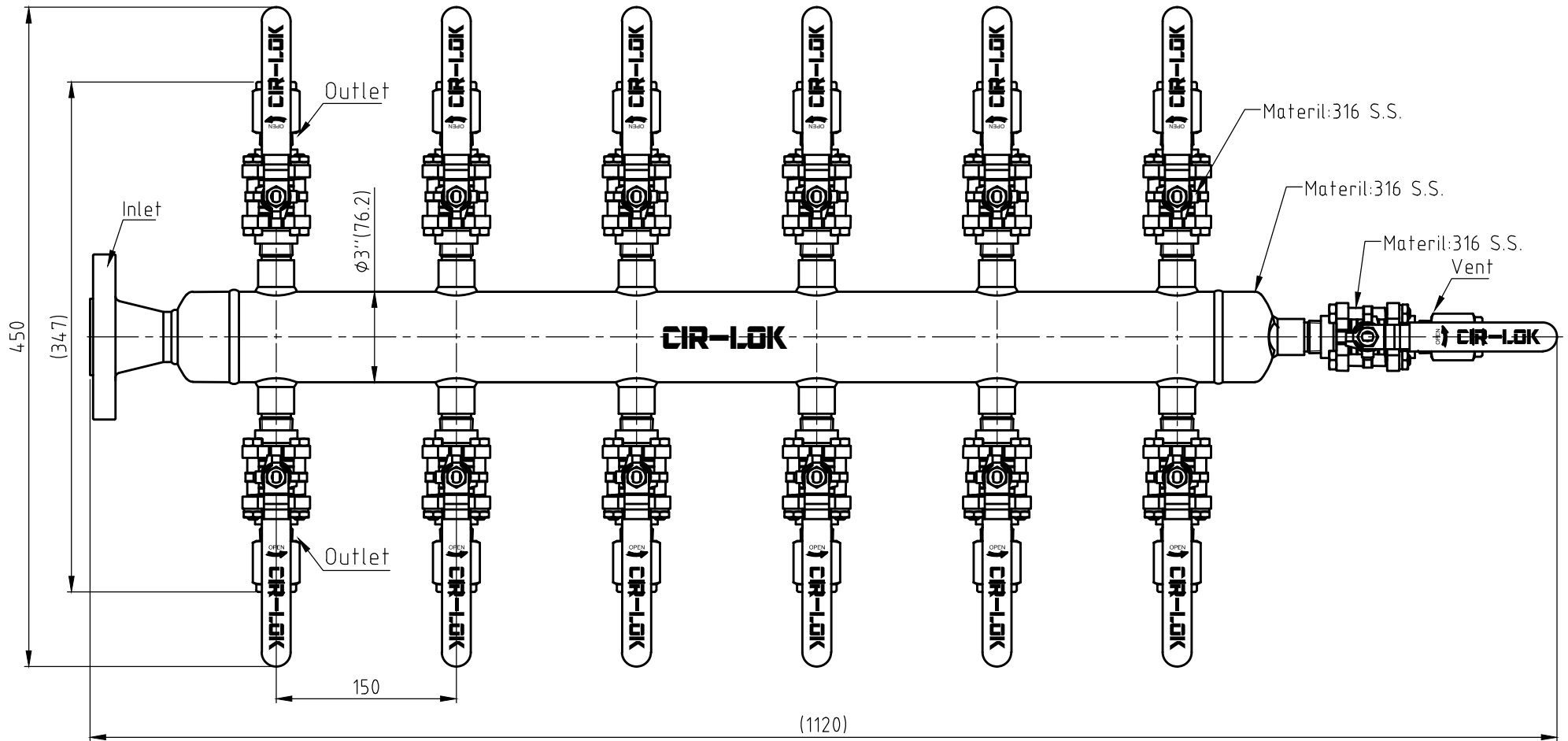
#### Technical Data:

|                   |                           |
|-------------------|---------------------------|
| Inlet Size        | 1" ASME B16.5 Class150 RF |
| Outlet Size       | 1/2 NPT(F)                |
| Vent Size         | 1/2 NPT(F)                |
| Number of Outlets | 8                         |
|                   |                           |
|                   |                           |
|                   |                           |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -20 (-29) to 100 (38)  | 275 (18.9)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     |                        |                                |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                           |          |        |
|----------------|---------------|---------|-------------------------------------------|----------|--------|
|                |               |         |                                           |          |        |
|                |               |         |                                           |          |        |
| A              | Mar.17.2025   |         |                                           |          | YES    |
| REV            | Revision Date | Created | Checked                                   | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds    |          |        |
|                |               | Model   | AP1-RF116N-8FNPT8V-VFNPT8-316-MOUNT-GMF01 |          |        |
| Format         | A4            | Unit    | mm                                        | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                    |          |        |



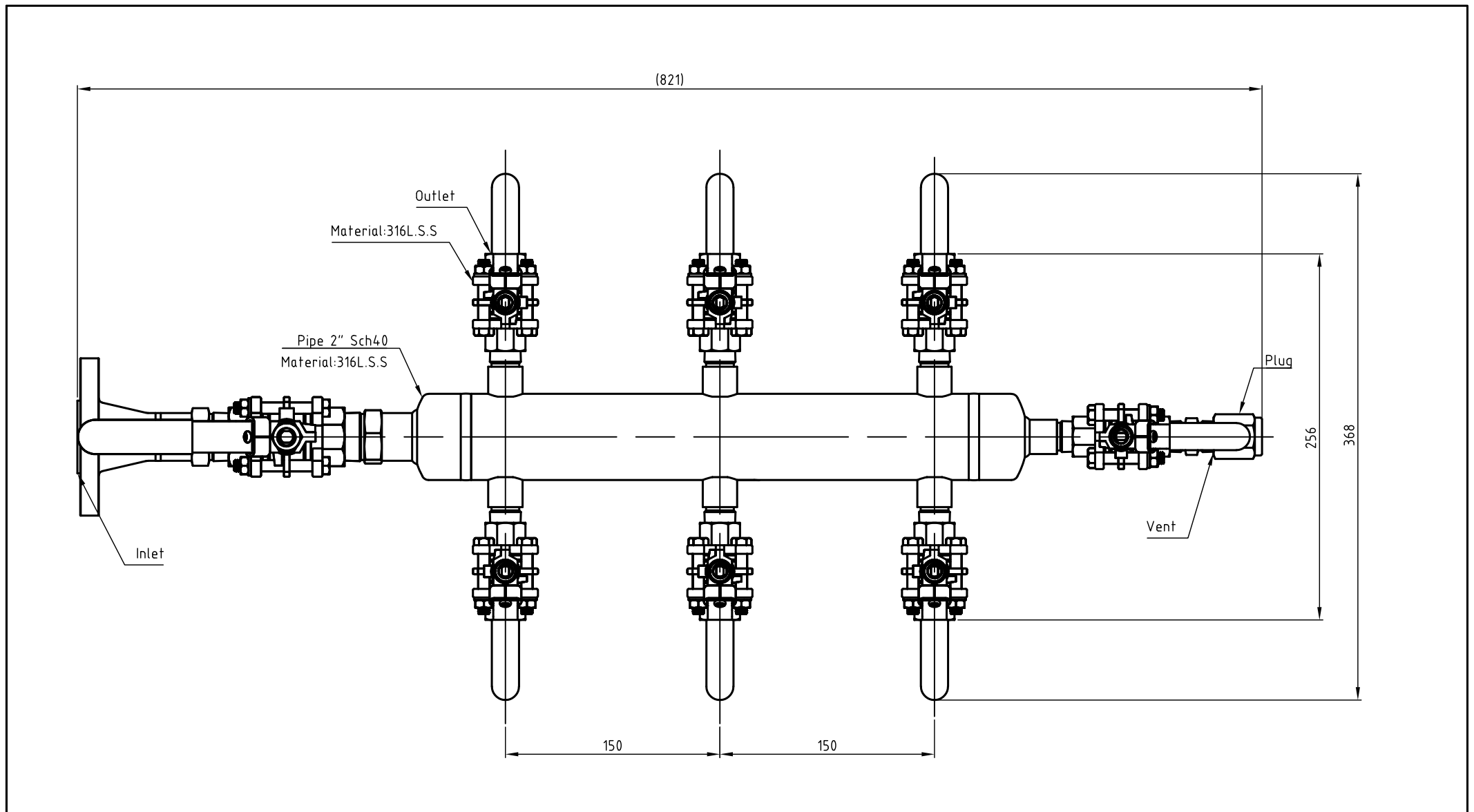
#### Technical Data:

|                   |                           |
|-------------------|---------------------------|
| Inlet Size        | 1" ASME B16.5 Class150 RF |
| Outlet Size       | 1/2 NPT (M) With Plug     |
| Vent Size         | 1/2 NPT (M) With Plug     |
| Number of Outlets | 12                        |
|                   |                           |
|                   |                           |
|                   |                           |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -40 (-40) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Dec.21.2023   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-RF116N-12NPT8V-ANPT8-BV5-316-FMJ02 |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



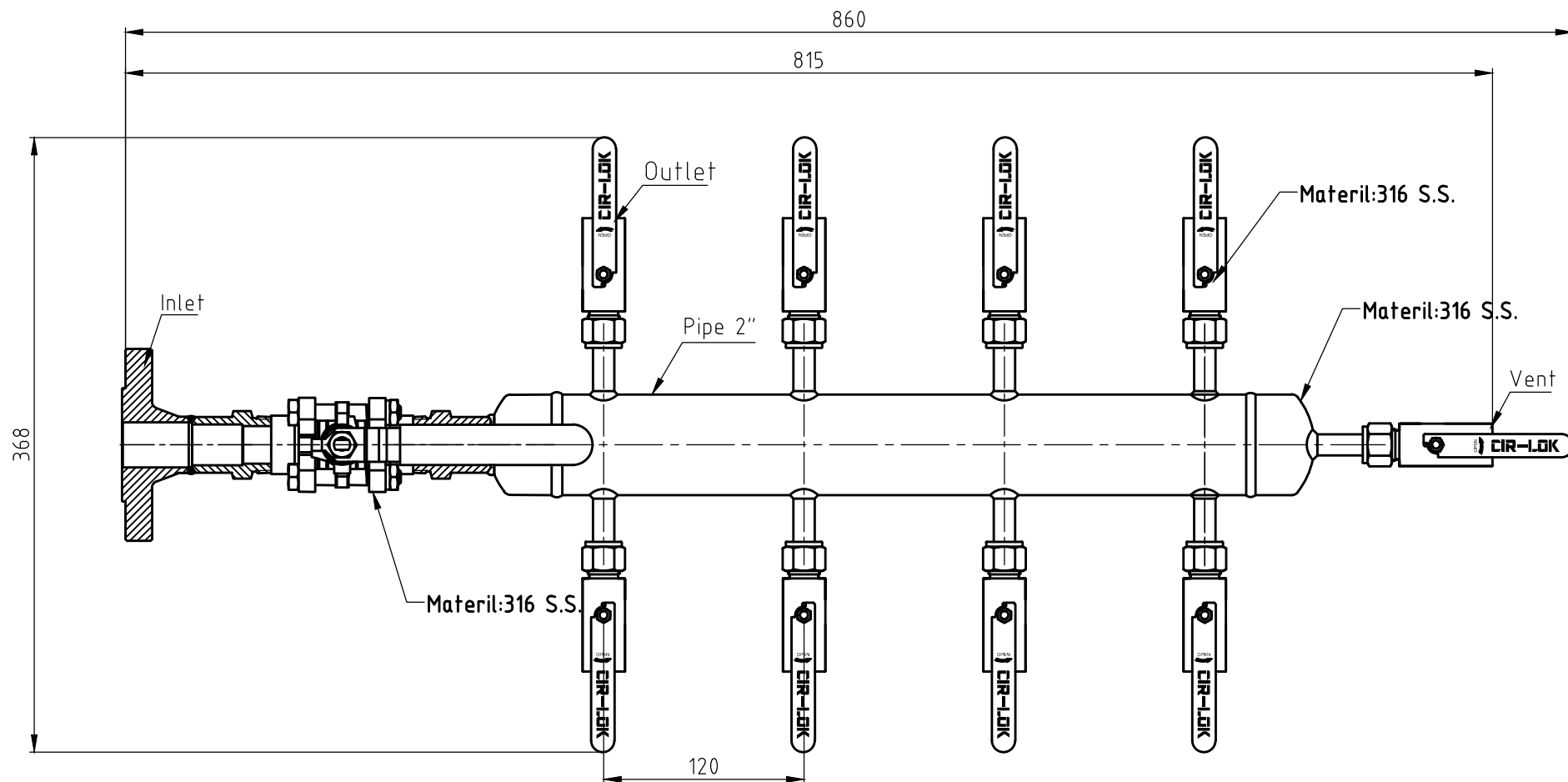
Technical Data:

|                   |                           |
|-------------------|---------------------------|
| Inlet Size        | 1" ASME B16.5 Class150 RF |
| Outlet Size       | 1/2 NPT(F)                |
| Vent Size         | 1/2 NPT                   |
| Number of Outlets | 6                         |
|                   |                           |
|                   |                           |
|                   |                           |

Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -20 (-28) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Aug.06,2024   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-RF116Y-6FNPT8Y-ANPT8-BV5-316L      |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



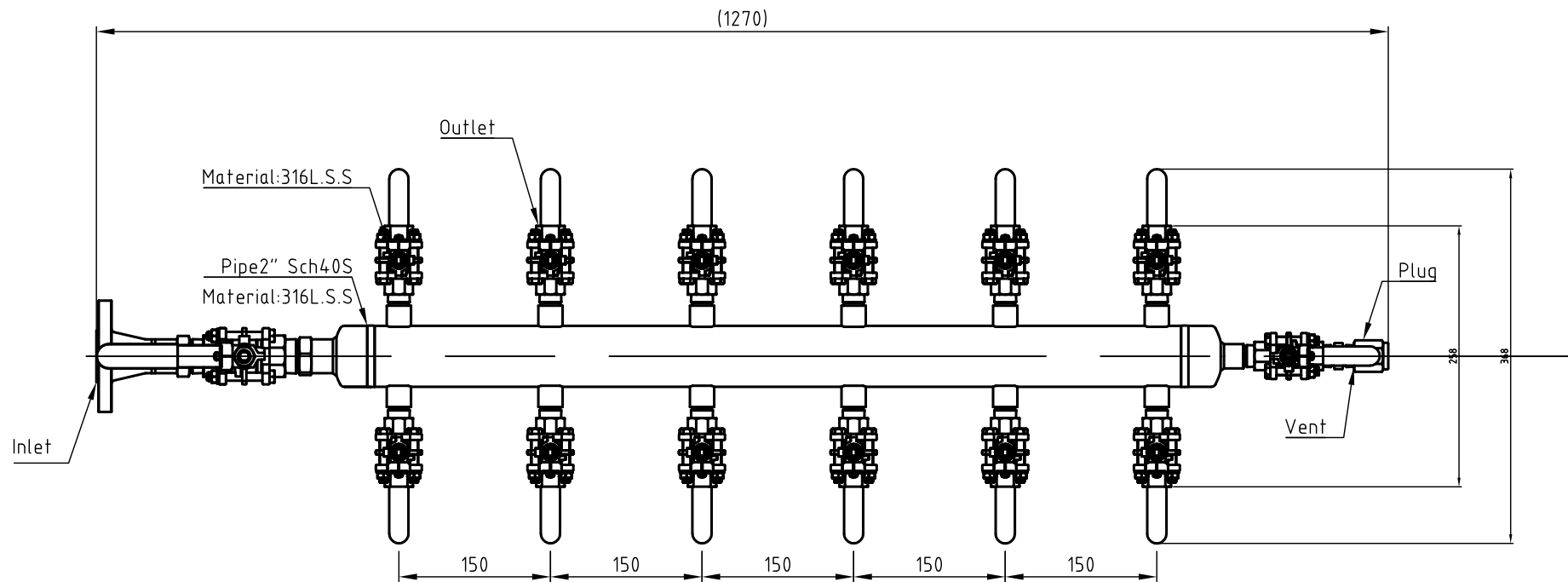
#### Technical Data:

|                   |                           |
|-------------------|---------------------------|
| Inlet Size        | 1" ASME B16.5 Class150 RF |
| Outlet Size       | 1/2 NPT (F)               |
| Vent Size         | 1/2 NPT (F)               |
| Number of Outlets | 8                         |
|                   |                           |
|                   |                           |
|                   |                           |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -40 (-40) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Mar.21.2022   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-RF116Y-8FNPT8V-VFNPT8-316          |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



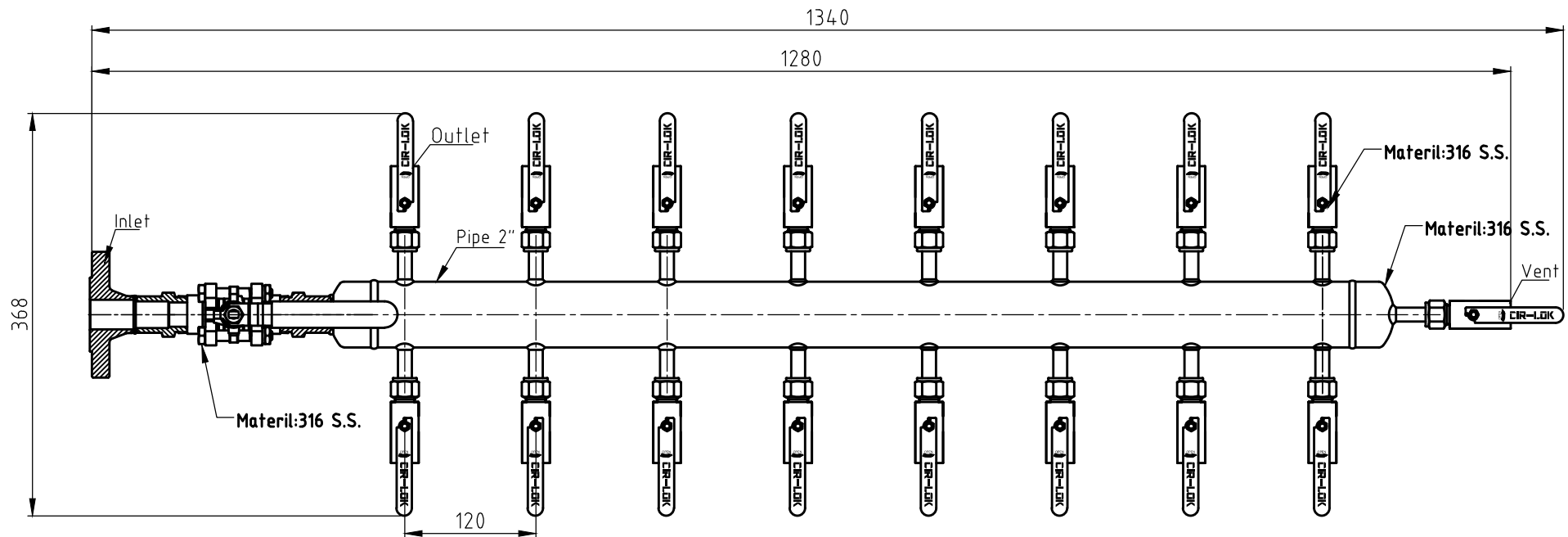
#### Technical Data:

|                   |                           |
|-------------------|---------------------------|
| Inlet Size        | 1" ASME B16.5 Class150 RF |
| Outlet Size       | 1/2 NPT(F)                |
| Vent Size         | 1/2 NPT                   |
| Number of Outlets | 12                        |
|                   |                           |
|                   |                           |
|                   |                           |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -20 (-28) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Aug.05,2024   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-RF116Y-12FNPT8Y-ANPT8-BV5-316L     |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



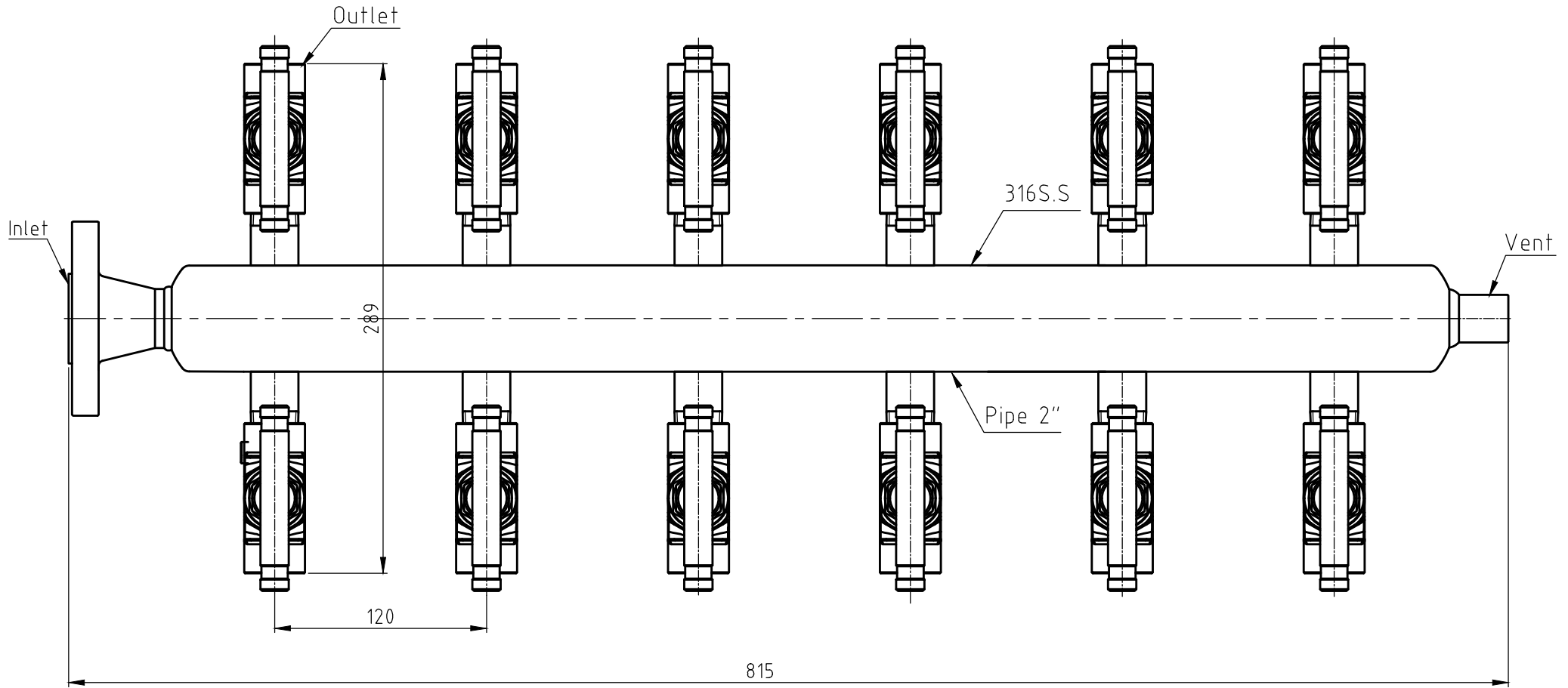
#### Technical Data:

|                   |                           |
|-------------------|---------------------------|
| Inlet Size        | 1" ASME B16.5 Class150 RF |
| Outlet Size       | 1/2 NPT (F)               |
| Vent Size         | 1/2 NPT (F)               |
| Number of Outlets | 16                        |
|                   |                           |
|                   |                           |
|                   |                           |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -40 (-40) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Mar.21.2022   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-RF116Y-16FNPT8V-VFNPT8-316         |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



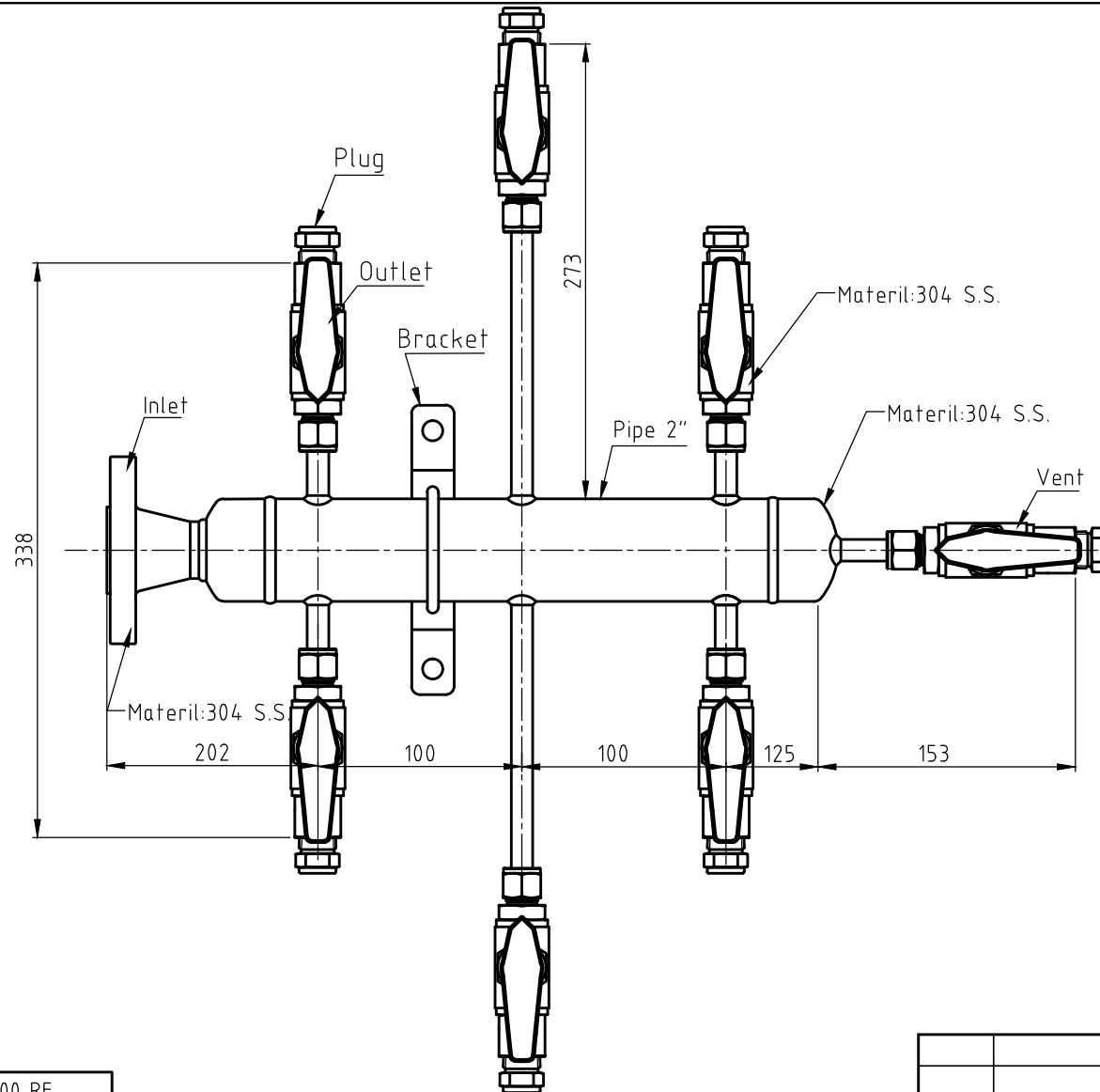
Technical Data:

|                   |                           |
|-------------------|---------------------------|
| Inlet Size        | ASME B16.5 2 Class 150 RF |
| Outlet Size       | 3/4 NPT (F)               |
| Vent Size         | 1/2 NPT (F)               |
| Number of Outlets | 12                        |
|                   |                           |
|                   |                           |
|                   |                           |

Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -20 (-28) to 100 (37)  | 300 (20.6)                     | 400 (204)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     | 450 (232)              | 70 (4.6)                       |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                        |          |        |
|----------------|---------------|---------|----------------------------------------|----------|--------|
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
|                |               |         |                                        |          |        |
| A              | Mar.11.2024   |         |                                        |          | YES    |
| REV            | Revision Date | Created | Checked                                | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds |          |        |
|                |               | Model   | AP1-RF132N-12FNPT12V-FNPT8-NV1-316     |          |        |
| Format         | A4            | Unit    | mm                                     | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                 |          |        |



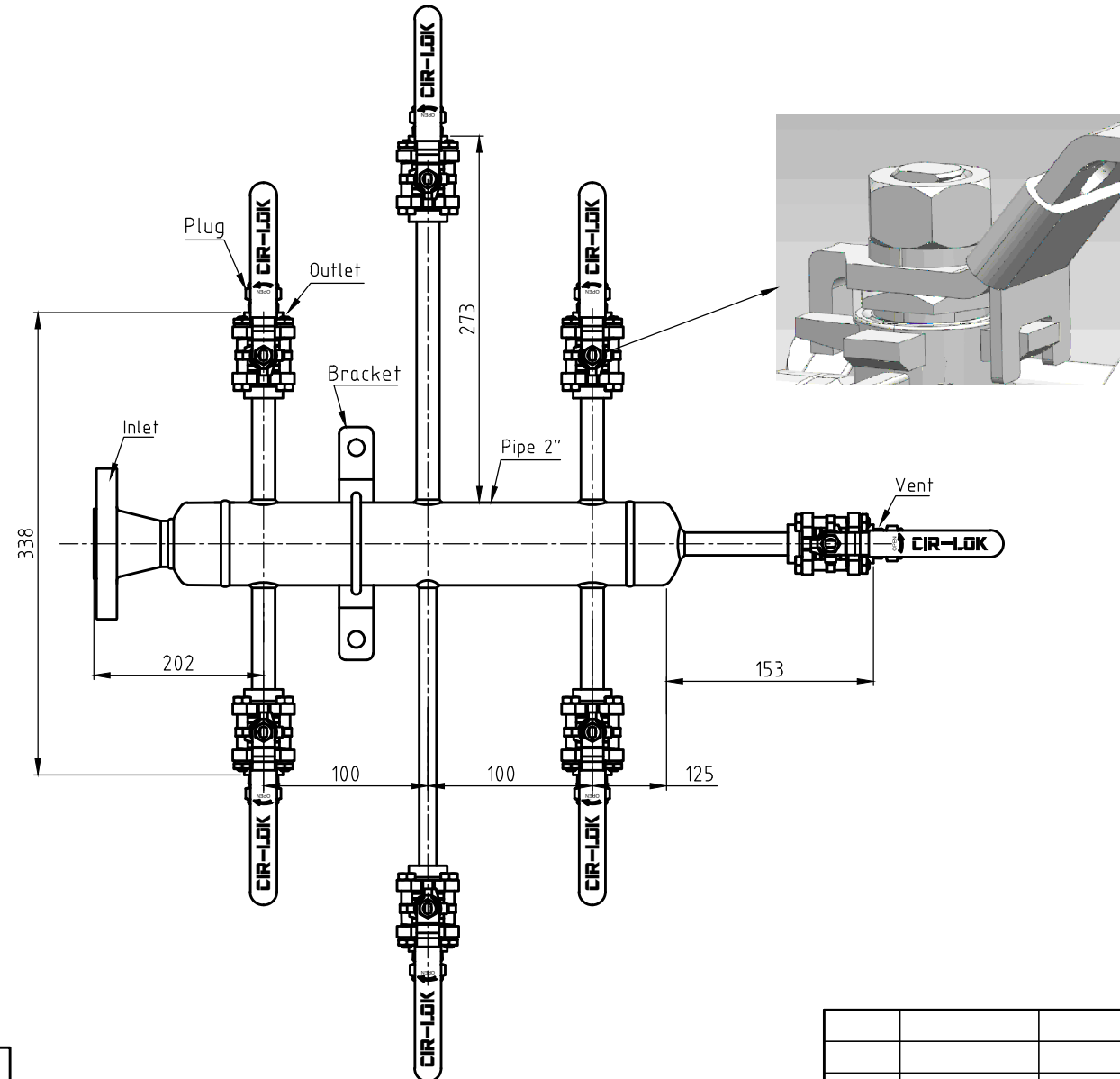
#### Technical Data:

|                   |                           |
|-------------------|---------------------------|
| Inlet Size        | 1" ASME B16.5 Class300 RF |
| Outlet Size       | 1/2 NPT (F)               |
| Vent Size         | 1/2 NPT (F)               |
| Number of Outlets | 6                         |
|                   |                           |
|                   |                           |
|                   |                           |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -65 (-53) to 100 (37)  | 300 (20.6)                     | 350 (176)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     |                        |                                |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                               |          |        |
|----------------|---------------|---------|-----------------------------------------------|----------|--------|
|                |               |         |                                               |          |        |
|                |               |         |                                               |          |        |
|                |               |         |                                               |          |        |
| A              | Jun.08.2022   |         |                                               |          | YES    |
| REV            | Revision Date | Created | Checked                                       | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds        |          |        |
|                |               | Model   | AP1-RF316N-6FNPT8A-AFNPT8-BV1-304-MOUNT-FF801 |          |        |
| Format         | A4            | Unit    | mm                                            | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                        |          |        |



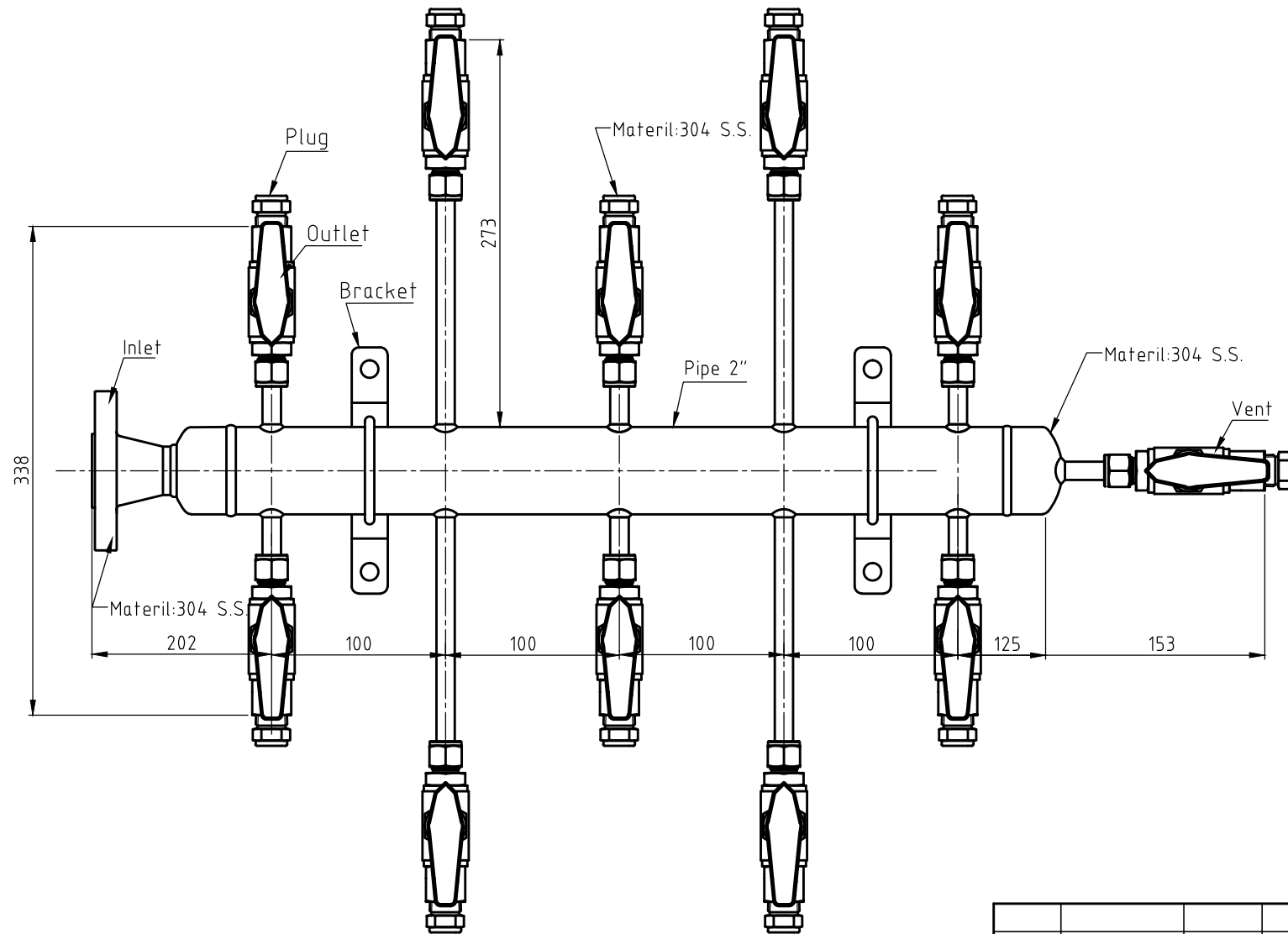
#### Technical Data:

|                   |                           |
|-------------------|---------------------------|
| Inlet Size        | 1" ASME B16.5 Class300 RF |
| Outlet Size       | 1/2 NPT (F)               |
| Vent Size         | 1/2 NPT (F)               |
| Number of Outlets | 6                         |
|                   |                           |
|                   |                           |
|                   |                           |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -65 (-53) to 100 (37)  | 300 (20.6)                     | 350 (176)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     |                        |                                |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                               |          |        |
|----------------|---------------|---------|-----------------------------------------------|----------|--------|
|                |               |         |                                               |          |        |
| A              | Aug.02.2023   |         |                                               |          | YES    |
| REV            | Revision Date | Created | Checked                                       | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds        |          |        |
|                |               | Model   | AP1-RF316N-6FNPT8A-AFNPT8-BV5-304-MOUNT-FF801 |          |        |
| Format         | A4            | Unit    | mm                                            | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                        |          |        |



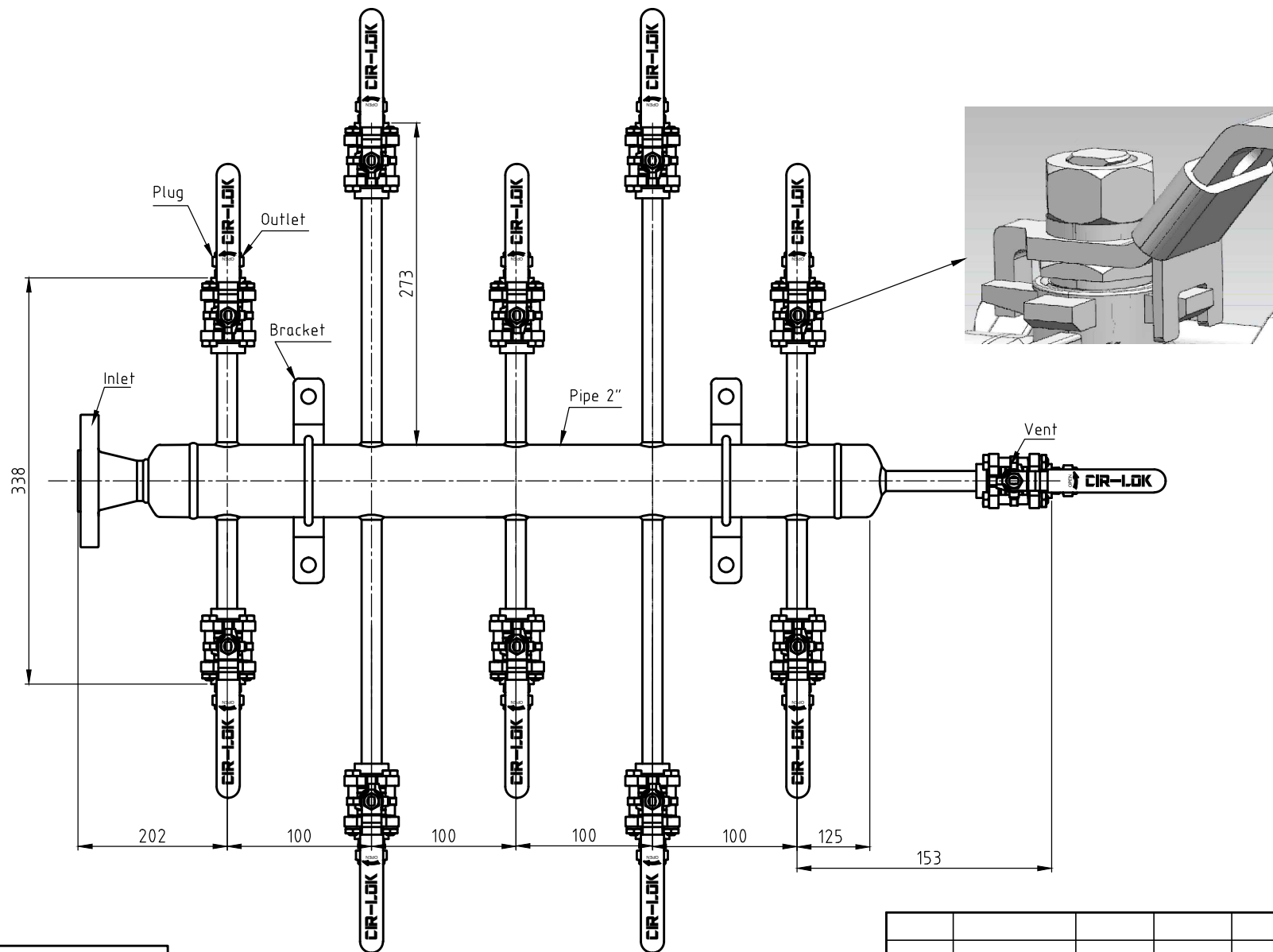
Technical Data:

|                   |                           |
|-------------------|---------------------------|
| Inlet Size        | 1" ASME B16.5 Class300 RF |
| Outlet Size       | 1/2 NPT (F)               |
| Vent Size         | 1/2 NPT (F)               |
| Number of Outlets | 10                        |
|                   |                           |
|                   |                           |
|                   |                           |

Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -65 (-53) to 100 (37)  | 300 (20.6)                     | 350 (176)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     |                        |                                |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                                |          |        |
|----------------|---------------|---------|------------------------------------------------|----------|--------|
|                |               |         |                                                |          |        |
|                |               |         |                                                |          |        |
|                |               |         |                                                |          |        |
| A              | Jun.15.2023   |         |                                                |          | YES    |
| REV            | Revision Date | Created | Checked                                        | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds         |          |        |
|                |               | Model   | API-RF316N-10FNPT8A-AFNPT8-BV1-304-MOUNT-FF801 |          |        |
| Format         | A4            | Unit    | mm                                             | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                         |          |        |



#### Technical Data:

|                   |                           |
|-------------------|---------------------------|
| Inlet Size        | 1" ASME B16.5 Class300 RF |
| Outlet Size       | 1/2 NPT (F)               |
| Vent Size         | 1/2 NPT (F)               |
| Number of Outlets | 10                        |
|                   |                           |
|                   |                           |
|                   |                           |

#### Pressure vs. Temperature Ratings:

| Temperature<br>°F (°C) | Working Pressure<br>psig (bar) | Temperature<br>°F (°C) | Working Pressure<br>psig (bar) |
|------------------------|--------------------------------|------------------------|--------------------------------|
| -65 (-53) to 100 (37)  | 300 (20.6)                     | 350 (176)              | 100 (6.5)                      |
| 200 (93)               | 200 (13.7)                     |                        |                                |
| 300 (148)              | 150 (10.2)                     |                        |                                |

|                |               |         |                                                |          |        |
|----------------|---------------|---------|------------------------------------------------|----------|--------|
|                |               |         |                                                |          |        |
| A              | Aug.02.2023   |         |                                                |          | YES    |
| REV            | Revision Date | Created | Checked                                        | Approved | Status |
| <b>CIR-LOK</b> |               | Title   | Air Headers and Distribution Manifolds         |          |        |
|                |               | Model   | AP1-RF316N-10FNPT8A-AFNPT8-BV5-304-MOUNT-FF801 |          |        |
| Format         | A4            | Unit    | mm                                             | View     |        |
| Scale          | Not 1:1       | Page    | 1 of 1                                         |          |        |