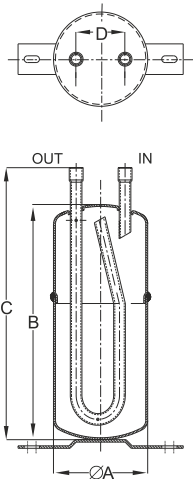
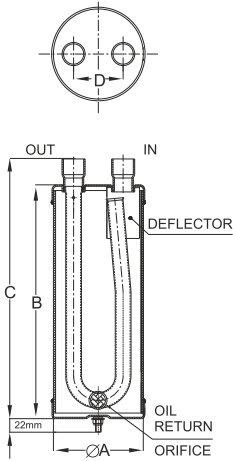
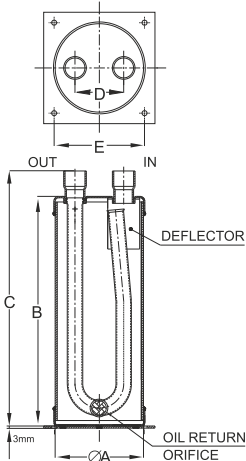
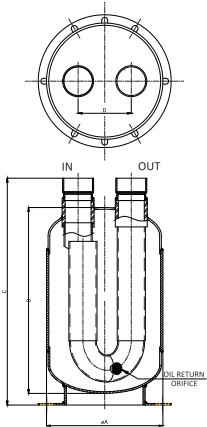
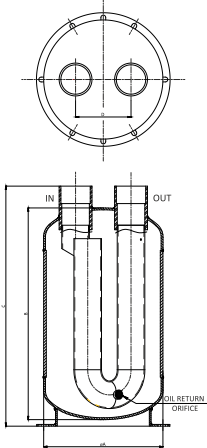


# SUCTION LINE ACCUMULATOR IMAGES & DRAWING



|                                                                                     |                                                                                     |                                                                                      |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
|    |                                                                                     |   |
| <p>Mounting Stud</p>                                                                |                                                                                     | <p>Mounting Flange</p>                                                               |
| <p>DIMENSIONAL DATA</p>                                                             |                                                                                     |                                                                                      |
|   |   |  |
| <p>DRAWING - 1</p>                                                                  | <p>DRAWING - 2</p>                                                                  | <p>DRAWING - 3</p>                                                                   |
|  |  |                                                                                      |
| <p>DRAWING - 5</p>                                                                  | <p>DRAWING - 6</p>                                                                  |                                                                                      |

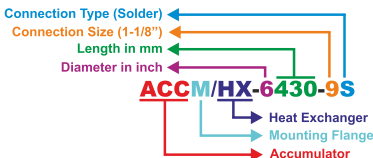
# SUCTION LINE ACCUMULATOR

## MODEL AVAILABLE & SELECTION RECOMMENDATION



| Sr. No.        | Model           | Holding Capacity<br>at +40°F<br>R-410A Liquid |      | Approx Max.<br>Ton. R-410A<br>AT + 40°F<br>( Evaporating<br>Temp ) | Connection<br>Size<br>(inch) | Dimensions |      |     |       |       |       |     |      |       |             | Mounting Flange<br>Options |       | Refer<br>Drg.<br>No. | 1/4" NPT<br>Connection |                 |                 |   |  |
|----------------|-----------------|-----------------------------------------------|------|--------------------------------------------------------------------|------------------------------|------------|------|-----|-------|-------|-------|-----|------|-------|-------------|----------------------------|-------|----------------------|------------------------|-----------------|-----------------|---|--|
|                |                 | LBS                                           | KG   |                                                                    |                              | ØA         |      | B   |       | C     |       | D   |      | E     |             |                            |       |                      |                        |                 |                 |   |  |
|                |                 |                                               |      |                                                                    |                              | mm         | inch | mm  | inch  | mm    | inch  | mm  | inch | mm    | inch        |                            |       |                      |                        |                 |                 |   |  |
| UL LISTED      |                 |                                               |      |                                                                    |                              |            |      |     |       |       |       |     |      |       |             |                            |       |                      |                        |                 |                 |   |  |
| SERIES - Ø 3"  |                 |                                               |      |                                                                    |                              |            |      |     |       |       |       |     |      |       |             |                            |       |                      |                        |                 |                 |   |  |
| 1              | ACC-3150-3S     | 1.1                                           | 0.50 | 0.5                                                                | 3/8" ODF                     | 76.2       | 3    | 150 | 5.91  | 187   | 7.36  | 40  | 1.57 | 122.5 | 4.82        | Mounting Flange            | 1     | NA                   |                        |                 |                 |   |  |
| 2              | ACC-3185-4S     | 1.5                                           | 0.68 | 0.94                                                               | 1/2" ODF                     |            |      | 185 | 7.28  | 223   | 8.78  |     |      |       |             |                            |       |                      |                        |                 |                 |   |  |
| 3              | ACC-3239-5S     | 2                                             | 0.91 | 2.1                                                                | 5/8" ODF                     |            |      | 239 | 9.41  | 277   | 10.91 |     |      |       |             |                            |       |                      |                        |                 |                 |   |  |
| 4              | ACC-3349-6S     | 2.8                                           | 1.27 | 3.15                                                               | 3/4" ODF                     |            |      | 349 | 13.74 | 387   | 15.24 |     |      |       |             |                            |       |                      |                        |                 |                 |   |  |
| 5              | ACC-3370-4S     | 3                                             | 1.36 | 0.94                                                               | 1/2" ODF                     |            |      | 370 | 14.57 | 408   | 16.06 |     |      |       |             |                            |       |                      |                        |                 |                 |   |  |
| SERIES - Ø 4"  |                 |                                               |      |                                                                    |                              |            |      |     |       |       |       |     |      |       |             |                            |       |                      |                        |                 |                 |   |  |
| 6              | ACC-4254-4S     | 3.53                                          | 1.6  | 0.94                                                               | 1/2" ODF                     | 101.6      | 4    | 254 | 10    | 290   | 11.41 | 48  | 1.89 | NA    | NA          | M10 X 1.5 PITCH            | 2     | NA                   |                        |                 |                 |   |  |
| 7              | ACC-4254-5S     |                                               |      | 2.1                                                                | 5/8" ODF                     |            |      |     |       |       |       |     |      |       |             |                            |       |                      |                        |                 |                 |   |  |
| SERIES - Ø 5"  |                 |                                               |      |                                                                    |                              |            |      |     |       |       |       |     |      |       |             |                            |       |                      |                        |                 |                 |   |  |
| 8              | ACC-5216-6S     | 5                                             | 2.26 | 3.15                                                               | 3/4" ODF                     | 127        | 5    | 216 | 8.51  | 252   | 9.92  | 70  | 2.76 | NA    | NA          | M10 X 1.5 PITCH            | 2     | NA                   |                        |                 |                 |   |  |
| 9              | ACC-5216-7S     | 5                                             | 2.26 | 4.2                                                                | 7/8" ODF                     |            |      |     |       | 253.5 | 9.98  |     |      | 130   | 5.12        | Mounting Flange            | 3     |                      |                        |                 |                 |   |  |
| 10             | ACCM-5216-7S    | 5                                             | 2.26 | 4.2                                                                | 7/8" ODF                     |            |      |     |       | 253.5 | 9.98  |     |      | NA    | NA          | M10 X 1.5 PITCH            | 2     |                      |                        |                 |                 |   |  |
| 11             | ACC-5330-7S     | 7.5                                           | 3.40 | 4.2                                                                | 7/8" ODF                     |            |      | 330 | 12.99 | 367.5 | 14.46 |     |      | 130   | 5.12        | Mounting Flange            | 3     |                      |                        |                 |                 |   |  |
| 12             | ACCM-5330-7S    |                                               |      |                                                                    |                              |            |      |     |       |       |       |     |      | 130   | 5.12        | Mounting Flange            | 3     |                      |                        |                 |                 |   |  |
| 13             | ACC-5330-9S     |                                               |      |                                                                    |                              |            |      |     |       |       |       |     |      | NA    | NA          | M10 X 1.5 PITCH            | 2     |                      |                        |                 |                 |   |  |
| 14             | ACCM-5330-9S    | 7.5                                           | 3.40 | 9.45                                                               | 1-1/8" ODF                   |            |      | 430 | 16.93 | 467.5 | 18.41 |     |      | 130   | 5.12        | Mounting Flange            | 3     |                      |                        |                 |                 |   |  |
| 15             | ACC-5430-9S     |                                               |      |                                                                    |                              |            |      |     |       |       |       |     |      | NA    | NA          | M10 X 1.5 PITCH            | 2     |                      |                        |                 |                 |   |  |
| 16             | ACCM-5430-9S    |                                               |      |                                                                    |                              |            |      |     |       |       |       |     |      | 10    | 4.54        | 9.45                       | 130   |                      | 5.12                   | Mounting Flange | 3               |   |  |
| 17             | ACC-5430-11S    | 10                                            | 4.54 | 17.8                                                               | 1-3/8" ODF                   |            |      |     |       |       |       |     |      | 474.5 | 18.68       | NA                         | NA    |                      | M10 X 1.5 PITCH        | 2               |                 |   |  |
| 18             | ACCM-5430-11S   |                                               |      |                                                                    |                              |            |      |     |       |       |       |     |      | 130   | 5.12        | Mounting Flange            | 3     |                      |                        |                 |                 |   |  |
| SERIES - Ø 6"  |                 |                                               |      |                                                                    |                              |            |      |     |       |       |       |     |      |       |             |                            |       |                      |                        |                 |                 |   |  |
| 19             | ACC-6330-7S     | 11                                            | 4.99 | 4.2                                                                | 7/8" ODF                     | 152.4      | 6    | 330 | 12.99 | 366.5 | 14.43 | 70  | 2.76 | NA    | NA          | M10 X 1.5 PITCH            | 2     | NA                   |                        |                 |                 |   |  |
| 20             | ACCM-6330-7S    |                                               |      |                                                                    |                              |            |      |     |       |       |       |     |      | 130   | 5.12        | Mounting Flange            | 3     |                      |                        |                 |                 |   |  |
| 21             | ACC-6330-9S     | 11                                            | 4.99 | 9.45                                                               | 1-1/8" ODF                   |            |      |     |       |       |       |     |      | NA    | NA          | M10 X 1.5 PITCH            | 2     |                      |                        |                 |                 |   |  |
| 22             | ACCM-6330-9S    |                                               |      |                                                                    |                              |            |      |     |       |       |       |     |      | 130   | 5.12        | Mounting Flange            | 3     |                      |                        |                 |                 |   |  |
| 23             | ACC-6430-7S     | 14.5                                          | 6.58 | 4.2                                                                | 7/8" ODF                     |            |      | 430 | 16.93 | 466.5 | 18.36 |     |      | NA    | NA          | M10 X 1.5 PITCH            | 2     |                      |                        |                 |                 |   |  |
| 24             | ACCM-6430-7S    |                                               |      |                                                                    |                              |            |      |     |       |       |       |     |      | 130   | 5.12        | Mounting Flange            | 3     |                      |                        |                 |                 |   |  |
| 25             | ACC-6430-9S     |                                               |      |                                                                    |                              |            |      |     |       |       |       |     |      | 9.45  | 1"- 1/8 ODF | NA                         | NA    |                      | M10 X 1.5 PITCH        | 2               |                 |   |  |
| 26             | ACCM-6430-9S    |                                               |      | 17.8                                                               | 1-3/8" ODF                   |            |      |     |       |       |       |     |      | 130   | 5.12        | Mounting Flange            | 3     |                      |                        |                 |                 |   |  |
| 27             | ACC-6430-11S    |                                               |      |                                                                    |                              |            |      |     |       |       |       |     |      | NA    | NA          | M10 X 1.5 PITCH            | 2     |                      |                        |                 |                 |   |  |
| 28             | ACCM-6430-11S   |                                               |      |                                                                    |                              |            |      |     |       |       |       |     |      | 130   | 5.12        | Mounting Flange            | 3     |                      |                        |                 |                 |   |  |
| 29             | ACC-6430-13S    |                                               |      | 29.4                                                               | 1"-5/8 ODF                   |            |      |     |       |       |       |     |      |       |             | 489                        | 19.25 |                      | NA                     | NA              | M10 X 1.5 PITCH | 2 |  |
| 30             | ACCM-6430-13S   |                                               |      |                                                                    |                              |            |      |     |       |       |       |     |      |       |             | 130                        | 5.12  |                      | Mounting Flange        | 3               |                 |   |  |
| NON UL LISTED  |                 |                                               |      |                                                                    |                              |            |      |     |       |       |       |     |      |       |             |                            |       |                      |                        |                 |                 |   |  |
| SERIES - Ø 8"  |                 |                                               |      |                                                                    |                              |            |      |     |       |       |       |     |      |       |             |                            |       |                      |                        |                 |                 |   |  |
| 31             | ACCM-8350-17S   | 24.2                                          | 11   |                                                                    | 2 - 1/8" ODF                 | 219        | 8    | 350 | 13.8  | 427   | 16.8  | 100 | 3.9  | -     | -           | Mounting Flange            | 5     | NA                   |                        |                 |                 |   |  |
| SERIES - Ø 10" |                 |                                               |      |                                                                    |                              |            |      |     |       |       |       |     |      |       |             |                            |       |                      |                        |                 |                 |   |  |
| 32             | ACCM-105485-21S | 51.6                                          | 23.4 |                                                                    | 2 - 5/8" ODF                 | 273        | 10   | 485 | 19    | 550   | 21.7  | 127 | 5    | -     | -           | Mounting Flange            | 6     | NA                   |                        |                 |                 |   |  |

- 1) Mounting Flange Shown As 'M' In Model Number, With 4 Holes Of Ø7mm Available On Customer Request As Shown In Drawing - 3
- 2) For Holding Capacity Of R-134A, Multiply R-410a Capacity By 1.11 For R-22, Multiply R-410a Capacity By 1.09 & For R-404a, Multiply R-410a Capacity By 0.98
- 3) The Refrigerant Holding Capacity Of Dry All Accumulator Is Based On Average Condition Of More Than 50% Fill Under Running Condition
- 4) When Selecting Or Sizing An Accumulator Connections May Not Necessarily Match The Suction Line Size
- 5) Maximum Working Pressure - 25bar (355psig) Approx..
- 6) Temperature Range: -40°C To +80°C
- 7) Fusible Plug Available On Specific Models

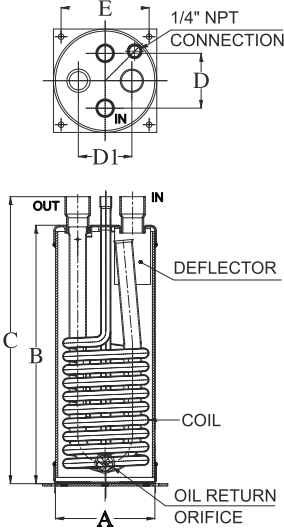


# SUCTION LINE ACCUMULATOR WITH HEAT EXCHANGER IMAGE, DRAWING & SELECTION RECOMMENDATION



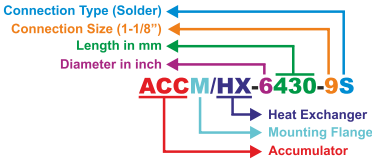


### DIMENSIONAL DATA

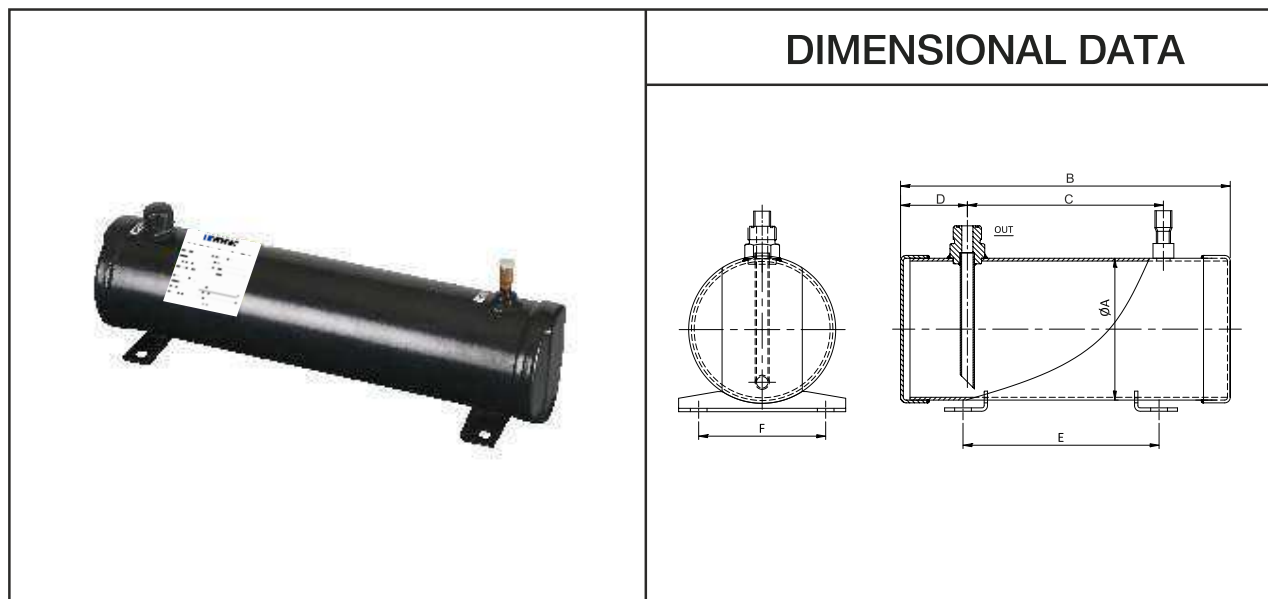


| Sr. No. | Dry All Model    | Holding capacity for R410A Liquid (Kg) | Connection Size (inch) | Heat Exchanger Coil Conn Size (inch) | Dimensions |      |     |      |     |       |    |      |    |      | Mounting Details |
|---------|------------------|----------------------------------------|------------------------|--------------------------------------|------------|------|-----|------|-----|-------|----|------|----|------|------------------|
|         |                  |                                        |                        |                                      | ØA         |      | B   |      | C   |       | D1 |      | D  |      |                  |
|         |                  |                                        |                        |                                      | mm         | inch | mm  | inch | mm  | inch  | mm | inch | mm | inch |                  |
| 1       | ACCHX-4254-4S    | 1.5                                    | 1/2" ODS               | 3/8" ODS                             | 102        | 4    | 254 | 10   | 290 | 11.42 | 48 | 1.89 | 64 | 2.50 | M10 X 1.5 Pitch  |
| 2       | ACCHX-4254- 5S   | 1.5                                    | 5/8" ODS               | 3/8" ODS                             | 102        | 4    | 254 | 10   | 290 | 11.42 | 48 | 1.89 | 64 | 2.50 | M10 X 1.5 Pitch  |
| 3       | ACCMHX-5330-7S   | 3.2                                    | 7/8" ODS               | 1/2" ODS                             | 127        | 5    | 330 | 13   | 368 | 14.47 | 70 | 2.76 | 70 | 2.76 | Mounting Flange  |
| 4       | ACCMHX - 6430-9S | 6.5                                    | 1-1/8" ODS             | 5/8" ODS                             | 152        | 6    | 430 | 17   | 467 | 18.37 | 70 | 2.76 | 70 | 2.76 | Mounting Flange  |
| 5       | ACCMHX-6635- 11S | 7.5                                    | 1-3/8" ODS             | 5/8" ODS                             | 152        | 6    | 635 | 25   | 679 | 26.71 | 70 | 2.76 | 70 | 2.76 | Mounting Flange  |
| 6       | ACCMHX-6635- 13S | 7.5                                    | 1-5/8" ODS             | 3/4" ODS                             | 152        | 6    | 635 | 25   | 694 | 27.32 | 70 | 2.76 | 70 | 2.76 | Mounting Flange  |

\*Note-Mounting Flange for 4" ACCHX Model is available as per customer requirement  
 Maximum working pressure: 450 psig.  
 Temperature Range: -40°C To +80°C.  
 Compatible with R134A, R22, R404A ,  
 R410A, R407C etc.

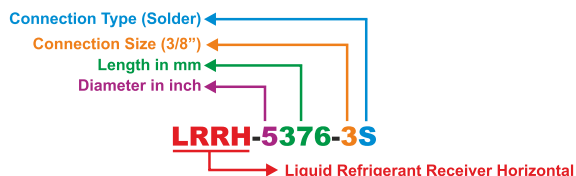


# LIQUID REFRIGERANT RECEIVER HORIZONTAL IMAGE, DRAWING & MODEL AVAILABLE

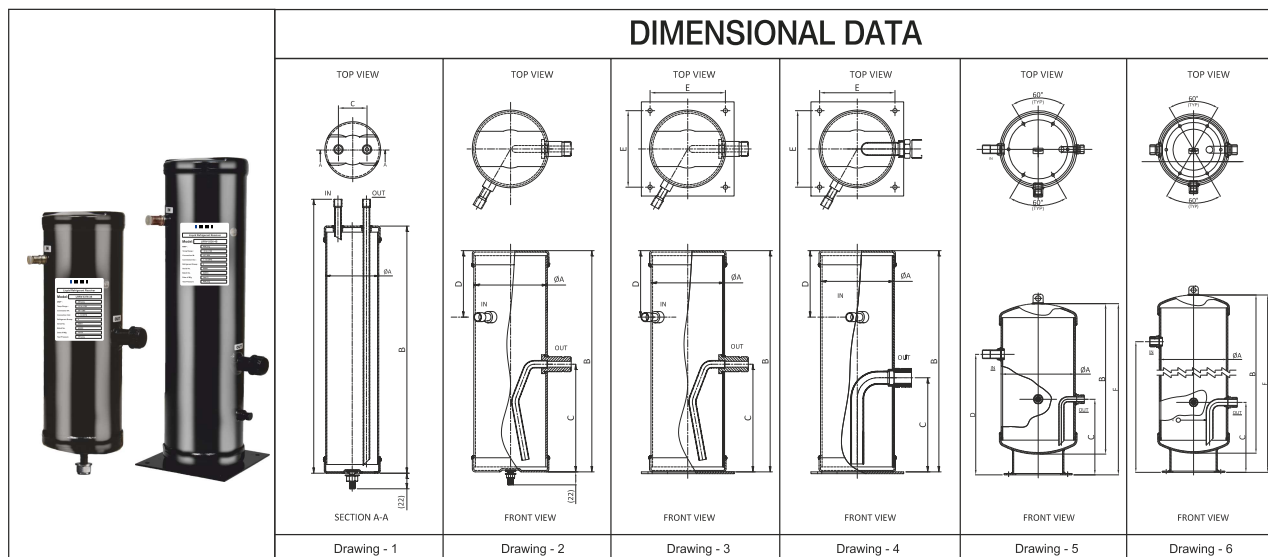


| Sr. No. | Model No.      | Internal Volume Capacity Liters | Pump Down Capacity (Kg) | Suggested Connection Sizes |               | Dimensions |      |     |       |     |       |    |      |     |       | Mounting Options | Refer Drawing No. | 1/4" NPT Connections                               |    |      |                                                    |    |    |                                                    |    |    |
|---------|----------------|---------------------------------|-------------------------|----------------------------|---------------|------------|------|-----|-------|-----|-------|----|------|-----|-------|------------------|-------------------|----------------------------------------------------|----|------|----------------------------------------------------|----|----|----------------------------------------------------|----|----|
|         |                |                                 |                         |                            |               | ØA         |      | B   |       | C   |       | D  |      | E   |       |                  |                   |                                                    | F  |      |                                                    |    |    |                                                    |    |    |
|         |                |                                 |                         | Inlet                      | Outlet        | mm         | inch | mm  | inch  | mm  | inch  | mm | inch | mm  | inch  |                  |                   |                                                    | mm | inch |                                                    |    |    |                                                    |    |    |
| 1       | LRRH -5296-3S  | 3                               | 3                       | 3/8" ODF                   | 1"-14 UNS     | 127        | 5    | 296 | 11.66 | 176 | 6.93  | 60 | 2.36 | 176 | 6.93  | 114              | 4.48              | MOUNTING<br>BRACKET WITH<br>Ø15mm HOLES<br>X 4nos. | H1 | CR   |                                                    |    |    |                                                    |    |    |
| 2       | LRRH -5376-3S  | 4                               | 4                       |                            |               |            |      | 376 | 14.81 | 256 | 10.08 |    |      | 256 | 10.08 |                  |                   |                                                    |    |      |                                                    |    |    |                                                    |    |    |
| 3       | LRRH - 5456-3S | 5                               | 5                       |                            |               |            |      | 456 | 17.96 | 336 | 13.23 |    |      | 336 | 13.23 |                  |                   |                                                    |    |      |                                                    |    |    |                                                    |    |    |
| 4       | LRRH - 5536-3S | 6                               | 6                       |                            |               |            |      | 536 | 21.11 | 416 | 16.37 |    |      | 416 | 16.37 |                  |                   |                                                    |    |      |                                                    |    |    |                                                    |    |    |
| 5       | LRRH - 5566-4S | 6                               | 7                       | 1/2" ODF                   | 1"-14 UNS     | 127        | 5    | 566 | 21.88 | 436 | 17.16 | 60 | 2.36 | 436 | 17.16 | 114              | 4.48              |                                                    |    |      | MOUNTING<br>BRACKET WITH<br>Ø15mm HOLES<br>X 4nos. | H1 | CR |                                                    |    |    |
| 6       | LRRH - 6465-4S | 7                               | 8                       |                            |               |            |      | 465 | 18.31 | 345 | 13.58 |    |      | 345 | 13.58 |                  |                   |                                                    |    |      |                                                    |    |    |                                                    |    |    |
| 7       | LRRH - 6526-4S | 8                               | 9                       |                            |               |            |      | 526 | 21.71 | 406 | 15.98 |    |      | 406 | 15.98 |                  |                   |                                                    |    |      |                                                    |    |    |                                                    |    |    |
| 8       | LRRH - 6587-4S | 9                               | 10                      |                            |               |            |      | 587 | 23.12 | 467 | 18.38 |    |      | 467 | 18.38 |                  |                   |                                                    |    |      |                                                    |    |    |                                                    |    |    |
| 9       | LRRH - 6648-5S | 10                              | 11                      | 5/8" ODF                   | 1-1/4"-12 UNF | 152.4      | 6    | 648 | 25.52 | 528 | 20.78 | 60 | 2.36 | 528 | 20.78 | 140              | 5.53              |                                                    |    |      |                                                    |    |    | MOUNTING<br>BRACKET WITH<br>Ø15mm HOLES<br>X 4nos. | H1 | CR |
| 10      | LRRH - 6709-5S | 11                              | 12                      |                            |               |            |      | 709 | 27.92 | 589 | 23.18 |    |      | 589 | 23.18 |                  |                   |                                                    |    |      |                                                    |    |    |                                                    |    |    |
| 11      | LRRH - 6770-5S | 12                              | 13                      |                            |               |            |      | 770 | 30.32 | 650 | 25.59 |    |      | 650 | 25.59 |                  |                   |                                                    |    |      |                                                    |    |    |                                                    |    |    |
| 12      | LRRH - 6800-5S | 13                              | 13                      |                            |               |            |      | 800 | 31.49 | 680 | 26.77 |    |      | 680 | 26.77 |                  |                   |                                                    |    |      |                                                    |    |    |                                                    |    |    |

\*Receiver with NPT Connection are also provided as per Customer Requirement  
Maximum working pressure: 450 psig  
Design temperature: -10° C to 100° C



# LIQUID REFRIGERANT RECEIVER VERTICAL IMAGE, DRAWING & MODEL AVAILABLE



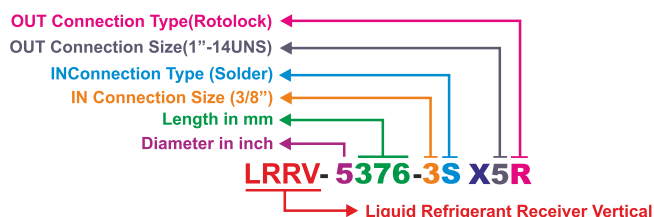
| No. | Model No.       | Internal Volume Capacity (Liters)* | Pump Down Capacity (KG) | Connection        |                   | Ø A       |   | B             |       | C     |      | D   |      | E             |    | Mounting Option      | Refer Drawing No. | Liquid Indicator | Inbuilt Fusible Plug |    |  |
|-----|-----------------|------------------------------------|-------------------------|-------------------|-------------------|-----------|---|---------------|-------|-------|------|-----|------|---------------|----|----------------------|-------------------|------------------|----------------------|----|--|
|     |                 |                                    |                         | Inlet             | Outlet            |           |   | mm            |       | inch  |      | mm  |      | inch          |    |                      |                   |                  |                      | mm |  |
|     |                 |                                    |                         |                   |                   | UL LISTED |   |               |       |       |      |     |      |               |    |                      |                   |                  |                      |    |  |
| 1   | LRRV-3350-3SX3S | 1.4                                | 1.4                     | 3/8" ODF (COPPER) | 3/8" ODF (COPPER) | 76.2      | 3 | 350           | 13.78 | 41    | 1.62 | NA  | NA   | NA            | NA | M8 X1.25 Bolt & Nut  | 1                 | Not Applicable   | Not Applicable       |    |  |
| 2   | LRRV-3482-3SX3S | 1.9                                | 2.0                     |                   |                   |           |   | 482           | 18.87 | 175   | 6.88 | 80  | 3.14 |               |    | M10 X 1.5 Bolt & Nut | 2                 |                  |                      |    |  |
| 3   | LRRV-5296-3SX5R | 3.3                                | 2.7                     |                   |                   |           |   | 296           | 11.65 | 183   | 7.20 | 60  | 2.36 |               |    |                      |                   |                  |                      |    |  |
| 4   | LRRV-5376-4SX5R | 4.3                                | 3.5                     | 1/2" ODF (COPPER) | 1/2" ODF (COPPER) | 127       | 5 | 376           | 14.81 |       |      | 74  | 2.91 | NA            | NA | Sqaure Flange        | 3                 |                  |                      |    |  |
| 5   | LRRV-5456-4SX5R | 5.2                                | 4.3                     |                   |                   |           |   | 456           | 17.96 |       |      | 86  | 3.38 |               |    |                      |                   |                  |                      |    |  |
| 6   | LRRV-5536-4SX5R | 6.1                                | 5.0                     |                   |                   |           |   | 536           | 21.11 |       |      | 106 | 4.17 |               |    |                      |                   |                  |                      |    |  |
| 7   | LRRV-5566-5SX5R | 6.4                                | 5.3                     | 5/8" ODF (COPPER) | 1"-14 UNS         | 152.4     | 6 | 566           | 22.28 | 111   | 4.37 | 130 | 5.12 | Sqaure Flange | 4  |                      |                   |                  |                      |    |  |
| 8   | LRRV-6465-4SX5R | 7.4                                | 6.1                     | 1/2" ODF (COPPER) |                   |           |   | 465           | 18.31 | 93    | 3.66 |     |      |               |    |                      |                   |                  |                      |    |  |
| 9   | LRRV-6526-5SX5R | 8.4                                | 6.9                     | 5/8" ODF (COPPER) |                   |           |   | 526           | 20.71 | 106   | 4.17 |     |      |               |    |                      |                   |                  |                      |    |  |
| 10  | LRRV-6587-5SX5R | 9.5                                | 7.7                     |                   |                   |           |   | 587           | 23.12 | 117   | 4.60 |     |      |               |    |                      |                   |                  |                      |    |  |
| 11  | LRRV-6648-5SX5R | 10.4                               | 8.6                     |                   |                   |           |   | 648           | 25.52 | 128   | 5.03 |     |      |               |    |                      |                   |                  |                      |    |  |
| 12  | LRRV-6709-5SX5R | 11.4                               | 9.4                     | 7/8" ODF (COPPER) |                   |           |   | 1-1/4"-12 UNF | 709   | 27.92 | 139  |     |      |               |    | 5.47                 |                   |                  |                      |    |  |
| 13  | LRRV-6770-7SX7R | 12.4                               | 10                      |                   |                   |           |   |               | 770   | 30.32 | 150  |     |      |               |    | 5.90                 |                   |                  |                      |    |  |

**Note:**  
MWP for above Receivers with UL is 450 Psig.  
Can be custom built with MWP as 653 Psig  
Fusible relief temperature = 221°C

| NON UL LISTED |                    |      |      |                   |               |     |   |     |       |     |      |     |       |    |    |              |   |           |    |
|---------------|--------------------|------|------|-------------------|---------------|-----|---|-----|-------|-----|------|-----|-------|----|----|--------------|---|-----------|----|
| 14            | LRRV-8446-7SX5R(F) | 15   | 10.3 | 7/8" ODF (COPPER) | 1"-14 UNS     | 219 | 8 | 446 | 17.56 | 224 | 8.82 | 357 | 14.06 | NA | NA | Round Flange | 5 | Available | No |
| 15            | LRRV-8530-7RX7R(F) | 17.8 | 13.0 | 1-1/4"-12 UNF     | 1-1/4"-12 UNF |     |   | 530 | 20.87 |     |      | 441 | 19.09 |    |    |              | 6 |           |    |
| 16            | LRRV-8588-7RX7R(F) | 19.9 | 15.1 |                   |               |     |   | 588 | 23.15 |     |      | 499 | 19.65 |    |    |              |   |           |    |
| 17            | LRRV-8732-7RX7R(F) | 24.8 | 20.2 |                   |               |     |   | 732 | 28.82 |     |      | 643 | 25.31 |    |    |              |   |           |    |

**Note :**  
Maximum working pressure: 600 psig  
Design temperature: -10° C to 100° C  
\*Capacity mentioned as per ARI-495 @32°C

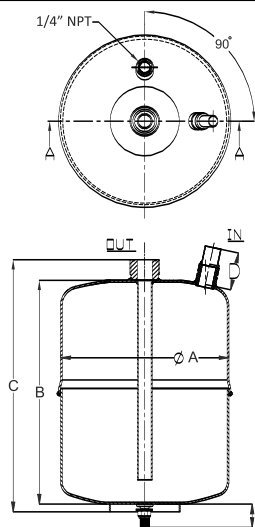
| Rotolock       | Sizes Available :        |
|----------------|--------------------------|
| 1 - 14 UNS     | 3/8", 1/2", 5/8", 7/8"   |
| 1 1/4" -12 UNF | 5/8", 3/4", 7/8", 1 1/8" |



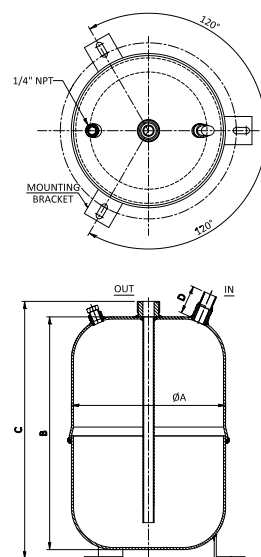
# LIQUID REFRIGERANT RECEIVER DEEP DRAW TYPE IMAGE, DRAWING & MODEL AVAILABLE



## DIMENSIONAL DATA



DRAWING-1

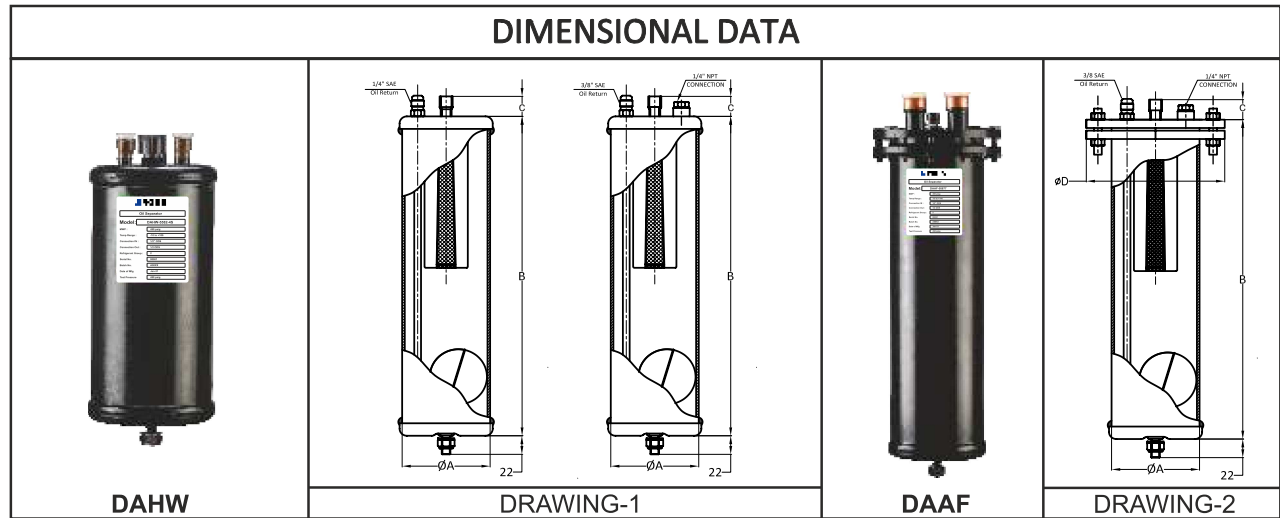


DRAWING-2

| Liquid Refrigerant Receiver Deep Draw Type |                 |                                   |                         |                  |                          |           |      |     |       |     |       |    |      |                    |
|--------------------------------------------|-----------------|-----------------------------------|-------------------------|------------------|--------------------------|-----------|------|-----|-------|-----|-------|----|------|--------------------|
| Sr. No.                                    | Model No.       | Internal Volume (Capacity) Liters | Pump Down Capacity (KG) | Connection Sizes |                          | Dimension |      |     |       |     |       |    |      | Mounting Options   |
|                                            |                 |                                   |                         | Inlet            | Outlet\Rotolock Valve    | ØA        |      | B   |       | C   |       | D  |      | Refer Drawing No.  |
|                                            |                 |                                   |                         |                  |                          | mm        | inch | mm  | inch  | mm  | inch  | mm | inch |                    |
| 1                                          | LRRVD-36-180-3S | 1                                 | 0.92                    | 3/8" ODF         | 1"-14 UNS \ 3/8" ODF     | 91        | 3.58 | 180 | 7.09  | 210 | 8.27  | 53 | 2.09 | M10X1.5 BOLT & NUT |
| 2                                          | LRRVD-47-210-3S | 2                                 | 1.84                    | 3/8" ODF         | 1"-14 UNS \ 3/8" ODF     | 120       | 4.72 | 210 | 8.27  | 240 | 9.45  | 53 | 2.09 |                    |
| 3                                          | LRRVD-59-270-4S | 4                                 | 3.69                    | 1/2" ODF         | 1"-14 UNS \ 1/2" ODF     | 150       | 5.91 | 270 | 10.63 | 300 | 11.81 | 55 | 2.17 |                    |
| 4                                          | LRRVD-70-240-5S | 6                                 | 5.53                    | 5/8" ODF         | 1-1/4"-12 UNF \ 5/8" ODF | 180       | 7.09 | 240 | 9.45  | 270 | 10.63 | 40 | 1.57 |                    |
| 5                                          | LRRVD-70-300-5S | 8                                 | 7.37                    | 5/8" ODF         | 1-1/4"-12 UNF \ 5/8" ODF | 180       | 7.09 | 300 | 11.81 | 332 | 13.07 | 40 | 1.57 | Three leg mounting |
| 6                                          | LRRVD-86-309-5S | 10                                | 10.35                   | 5/8" ODF         | 1-1/4"-12 UNF \ 5/8" ODF | 219       | 8.62 | 300 | 11.81 | 348 | 13.70 | 40 | 1.57 |                    |
| 7                                          | LRRVD-86-349-6S | 12                                | 12.42                   | 3/4" ODF         | 1-1/4"-12 UNF \ 3/4" ODF | 219       | 8.62 | 350 | 13.78 | 400 | 15.75 | 42 | 1.65 |                    |



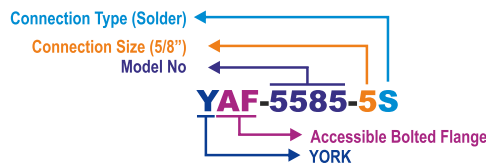
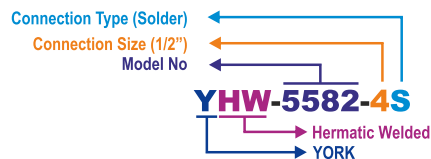
# OIL SEPARATOR IMAGE, DRAWING & MODEL AVAILABLE



| Sr. No.                       | Model       | Connection Size | Oil Return Connection | Dimension |    |      |       |      |      |      |      | Mounting Option                  | Oil Charge Amount | Refer Drawing No. |
|-------------------------------|-------------|-----------------|-----------------------|-----------|----|------|-------|------|------|------|------|----------------------------------|-------------------|-------------------|
|                               |             | ØA              |                       | B         |    | C    |       | D    |      |      |      |                                  |                   |                   |
|                               |             | mm              |                       | Inch      | mm | Inch | mm    | Inch | mm   | Inch |      |                                  |                   |                   |
| HERMETIC WELDED TYPE          |             |                 |                       |           |    |      |       |      |      |      |      |                                  |                   |                   |
| 1                             | YHW-5582-3S | 3/8" ODF        | 1/4" SAE              | 101.6     | 4  | 160  | 6.3   | 26   | 1.02 | NA   | NA   | M10 X 1.5 BOLT WITH WASHER & NUT | 500 ml            | 1                 |
| 2                             | YHW-5582-4S | 1/2" ODF        | 3/8" SAE              | 101.6     | 4  | 250  | 9.84  | 37   | 1.46 |      |      |                                  |                   | 1                 |
| 3                             | YHW-5585-5S | 5/8" ODF        |                       | 101.6     | 4  | 297  | 11.69 | 38   | 1.50 |      |      |                                  |                   |                   |
| 4                             | YHW-5587-7S | 7/8" ODF        |                       | 101.6     | 4  | 344  | 13.54 | 37   | 1.46 |      |      |                                  |                   |                   |
| 5                             | YHW-5588-9S | 1-1/8" ODF      |                       | 101.6     | 4  | 375  | 14.76 | 37   | 1.46 |      |      |                                  |                   |                   |
| ACCESSIBLE BOLTED FLANGE TYPE |             |                 |                       |           |    |      |       |      |      |      |      |                                  |                   |                   |
| 1                             | YAF-5585-5S | 5/8" ODF        | 3/8" SAE              | 101.6     | 4  | 335  | 13.19 | 35   | 1.38 | 142  | 5.59 | M10 X 1.5 BOLT WITH WASHER & NUT | 500 ml            | 2                 |
| 2                             | YAF-5588-7S | 7/8" ODF        |                       | 101.6     | 4  | 416  | 16.38 | 40   | 1.57 | 142  | 5.59 |                                  |                   |                   |
| 3                             | YAF-5588-9S | 1-1/8" ODF      |                       | 101.6     | 4  | 498  | 19.6  | 42   | 1.65 | 142  | 5.59 |                                  |                   |                   |

| Sr. No. | Model No.       | Maximum Capacity of Refrigerant at Evaporator Tempreature. |       |            |       |             |       |            |       |                    |        |            |       |             |      |            |      |
|---------|-----------------|------------------------------------------------------------|-------|------------|-------|-------------|-------|------------|-------|--------------------|--------|------------|-------|-------------|------|------------|------|
|         |                 | R-134a                                                     |       |            |       | R-22/R-407C |       |            |       | R-404A/R-502/R-507 |        |            |       | R-410A      |      |            |      |
|         |                 | -40°F/-40°C                                                |       | +40°F/40°C |       | -40°F/-40°C |       | +40°F/40°C |       | -40°F/-40°C        |        | +40°F/40°C |       | -40°F/-40°C |      | +40°F/40°C |      |
|         |                 | Tons                                                       | kw    | Tons       | kw    | Tons        | kw    | Tons       | kw    | Tons               | kw     | Tons       | kw    | Tons        | kw   | Tons       | kw   |
| 1       | YHW - 5582 - 3S | 0.8                                                        | 2.81  | 1.0        | 3.51  | 1.0         | 3.51  | 1.5        | 5.27  | 1.0                | 3.51   | 1.5        | 5.27  | 1.7         | 6.0  | 2.1        | 7.3  |
| 2       | YHW - 5582 - 4S | 1.2                                                        | 4.2   | 1.8        | 6.3   | 1.5         | 5.25  | 2          | 7     | 1.5                | 5.25   | 2          | 7     | 2.7         | 9.5  | 3.1        | 10.9 |
| 3       | YHW - 5585 - 5S | 3.3                                                        | 11.55 | 4.5        | 15.75 | 4.5         | 15.75 | 5.5        | 19.25 | 4                  | 14     | 5.5        | 19.25 | 7.3         | 25.7 | 8.4        | 29.5 |
| 4       | YHW - 5587 - 7S | 4.8                                                        | 16.8  | 6.5        | 22.75 | 7           | 24.5  | 8          | 28    | 6.5                | 22.75  | 8.5        | 29.75 | 9           | 31.7 | 10.5       | 36.9 |
| 5       | YHW - 5588 - 9S | 6.5                                                        | 22.75 | 8.5        | 29.75 | 9           | 31.5  | 11         | 38.5  | 8.5                | 29.75  | 11         | 38.5  | 14          | 49.2 | 16         | 56.3 |
| 6       | YAF - 5585 - 5S | 3.3                                                        | 11.55 | 4.6        | 16.1  | 4.7         | 16.45 | 5.6        | 19.6  | 4.76               | 16.66  | 5.6        | 19.6  | 7.3         | 25.7 | 8.4        | 29.5 |
| 7       | YAF - 5587 - 7S | 4.8                                                        | 16.8  | 6.7        | 23.45 | 7           | 24.5  | 8.5        | 29.75 | 7.15               | 25.025 | 8.5        | 29.75 | 9           | 31.7 | 10.5       | 36.5 |
| 8       | YAF - 5588 - 9S | 6.5                                                        | 22.75 | 8.7        | 30.45 | 9.5         | 33.25 | 11         | 38.5  | 9.52               | 33.32  | 11.2       | 39.2  | 14          | 49.2 | 16         | 56.3 |

- 1) Maximum working pressure of 610 psig.  
2) Working Temperature range -10 to 100°C



# MOISTURE & LIQUID INDICATOR IMAGE, DRAWING & MODEL AVAILABLE



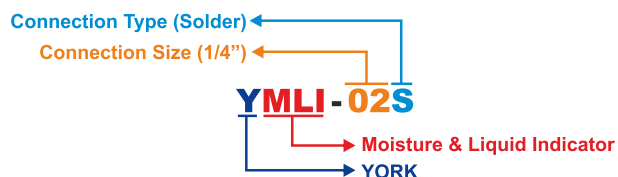
| FLARE CONNECTION | DIMENSIONAL DATA |
|------------------|------------------|
|                  |                  |

| Sr. No. | Model No. | End Connection | A  |      | B  |      |
|---------|-----------|----------------|----|------|----|------|
|         |           |                | mm | inch | mm | inch |
| 1       | YMLI-02F  | 1/4"SAE        | 73 | 2.87 | 19 | 0.75 |
| 2       | YMLI-03F  | 3/8"SAE        | 70 | 2.76 | 30 | 1.81 |
| 3       | YMLI-04F  | 1/2"SAE        | 70 | 2.76 | 30 | 1.81 |
| 4       | YMLI-05F  | 5/8"SAE        | 80 | 3.15 | 30 | 1.81 |

| ODF CONNECTION | DIMENSIONAL DATA |
|----------------|------------------|
|                |                  |

| Sr. No. | Model No.  | End Connection | A   |      | B    |      | C    |      | D     |      | E  |      | F    |      | G     |      | H    |      |
|---------|------------|----------------|-----|------|------|------|------|------|-------|------|----|------|------|------|-------|------|------|------|
|         |            |                | mm  | inch | mm   | inch | mm   | inch | mm    | inch | mm | inch | mm   | inch | mm    | inch | mm   | inch |
| 1       | YMLI - 02S | 1/4" ODF       | 101 | 3.98 | 7    | 0.27 | 14   | 0.55 | 6.35  | 0.25 | 27 | 1.06 | 18.5 | 0.72 | 4     | 0.51 | 8    | 0.31 |
| 2       | YMLI - 03S | 3/8" ODF       | 119 | 4.69 | 9    | 0.35 | 14   | 0.55 | 9.52  | 0.37 | 27 | 1.06 | 19   | 0.74 | 5.75  | 0.39 | 11.5 | 0.45 |
| 3       | YMLI - 04S | 1/2" ODF       | 146 | 5.75 | 11.5 | 0.45 | 18   | 0.71 | 12.7  | 0.50 | 27 | 1.06 | 19   | 0.74 | 7.25  | 0.28 | 14.5 | 0.57 |
| 4       | YMLI - 05S | 5/8" ODF       | 146 | 5.75 | 12   | 0.47 | 20.5 | 0.8  | 15.8  | 0.62 | 27 | 1.06 | 19   | 0.74 | 8.75  | 0.34 | 17.5 | 0.68 |
| 5       | YMLI - 06S | 3/4" ODF       | 172 | 6.77 | 18   | 0.70 | 21   | 0.83 | 19.05 | 0.75 | 32 | 1.26 | 23.5 | 0.93 | 10.65 | 0.41 | 21.3 | 0.83 |
| 6       | YMLI - 07S | 7/8" ODF       | 173 | 6.81 | 19   | 0.75 | 27   | 1.06 | 22.2  | 0.87 | 31 | 1.22 | 23.8 | 0.93 | 12.25 | 0.48 | 24.5 | 0.96 |

- 1) Maximum Working Pressure -653 psig
- 2) Temperature range -40 to 70° C







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