

REFRIGERATION SYSTEM COMPONENTS



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Conventional Oil Separators

The function of an Oil Separator is to remove oil from the discharge gas and return it to the Compressor either directly or through an Oil Management System.

- ODS refrigerant connection
- SAE flare oil connections
- Low pressure drop
- No moving parts within oil separation zone
- 1/8" NPT oil drain

- Serviceable models available, S-58**, S-57** and S-19** series
- Magnet on oil float to collect debris
- Replacement parts available
- Maximum working pressure = 450 PSI (31 Bar)
- Allowable operating temperature = $+15^{\circ}$ F to $+300^{\circ}$ F (-10° C to $+149^{\circ}$ C)





| | | | Non-Se | rviceable Oil Sep | arators | | |
|--------|--------|------|---------------|-------------------|---------------|------------|--------|
| Part | ODS | Dime | nsions (inch) | Min Discharge | Max Discharge | Pre-charge | Weight |
| No | (Inch) | Ø | Height | CFM | CFM | Amount | (lbs) |
| S-5580 | 1/4 | 4.0 | 8.25 | 0.25 | 0.75 | 12 | 4.2 |
| S-5581 | 3/8 | 4.0 | 8.25 | 0.33 | 1.0 | 12 | 4.2 |
| S-5582 | 1/2 | 4.0 | 10.25 | 0.50 | 1.5 | 12 | 5.1 |
| S-5585 | 5/8 | 4.0 | 14.25 | 1.32 | 4.0 | 12 | 7.1 |
| S-5587 | 7/8 | 4.0 | 17.75 | 2.15 | 6.5 | 12 | 7.9 |
| S-5588 | 1 1/8 | 4.0 | 21.00 | 2.64 | 8.0 | 12 | 9.0 |
| S-5590 | 1 3/8 | 4.0 | 21.25 | 3.30 | 10.0 | 12 | 9.9 |
| S-5687 | 7/8 | 6.0 | 11.13 | 2.48 | 7.5 | 30 | 12.1 |
| S-5688 | 1 1/8 | 6.0 | 15.38 | 2.97 | 9.0 | 30 | 15.0 |
| S-5588 | 1 1/8 | 4.0 | 21.00 | 2.64 | 8.0 | 12 | 15.0 |
| S-5590 | 1 3/8 | 4.0 | 21.25 | 3.30 | 10.0 | 12 | 18.1 |
| S-5692 | 1 5/8 | 6.0 | 18.63 | 4.62 | 14.0 | 30 | 19.0 |
| | | | | | | | |

| | | | Ser | viceable Oil Sepa | ırators | | |
|--------|--------|-------|------------------|-------------------|---------------|------------|--------|
| Part | ODS | Dimen | sions (inch) | Min Discharge | Max Discharge | Pre-charge | Weight |
| No | (Inch) | Ø | Ø Height CFM CFM | | CFM | Amount | (lbs) |
| S-5882 | 1/2 | 4.0 | 10.25 | 0.50 | 1.5 | 12 | 9.0 |
| S-5885 | 3/8 | 4.0 | 14.25 | 1.32 | 4.0 | 12 | 11.0 |
| S-5887 | 1/2 | 4.0 | 17.75 | 1.98 | 6.0 | 12 | 12.1 |
| S-5888 | 5/8 | 4.0 | 12.00 | 2.64 | 8.0 | 12 | 13.0 |
| S-5890 | 7/8 | 4.0 | 21.25 | 3.30 | 10.0 | 12 | 13.0 |
| S-5792 | 1 1/8 | 6.0 | 29.25 | 4.62 | 14.0 | 20 | 27.1 |
| S-5794 | 1 3/8 | 6.0 | 29.56 | 7.43 | 22.5 | 20 | 27.1 |
| S-1901 | 7/8 | 8.0 | 21.00 | 5.94 | 18.0 | 20 | 31.1 |
| S-1902 | 1 1/8 | 8.0 | 21.00 | 8.91 | 27.0 | 20 | 32.0 |
| S-1903 | 1 1/8 | 10.0 | 21.50 | 16.17 | 49.0 | 20 | 44.1 |
| S-1904 | 1 3/8 | 12.0 | 25.75 | 22.44 | 68.0 | 20 | 75.0 |
| | | | | | | | |

Helical Oil Separators



The AC&R, patented Helical Oil separators combine high oil separation efficiency with low pressure drop design and unlike coalescing type separators, do not have an internal filter that requires regular & costly replacement.

- Patented Henry Technologies' Design
- ODS refrigerant connections
- SAE flare or ODS oil connection
- High oil removal efficiency up to 99%
- Low pressure drop
- Serviceable models available, S-52** series
- 1/8 NPT oil drain
- · Magnet on oil float to collect debris
- · Replacement parts available
- Maximum working pressure = 450 PSI (31 Bar)
- No moving parts within oil separation zone Allowable operating temperature = $+15^{\circ}$ F to $+300^{\circ}$ F (-10° C to $+149^{\circ}$ C)



| Non-Serviceable Oil Separators | | | | | | | | | | |
|--------------------------------|--------|----------|------------|----------------|--------|--|--|--|--|--|
| Part No | ODS | Dimensio | ons (inch) | Pre-charge Oil | Weight | | | | | |
| rait NO | (Inch) | Ø | Height | (oz) | (lbs) | | | | | |
| S-5180 | 1/4 | 2.5 | 6.38 | 14 | 2.65 | | | | | |
| S-5181 | 3/8 | 2.5 | 7.50 | 14 | 7.50 | | | | | |
| S-5182 | 1/2 | 4.0 | 13.00 | 14 | 8.60 | | | | | |
| S-5185 | 5/8 | 4.0 | 15.00 | 14 | 19.62 | | | | | |
| S-5187 | 7/8 | 4.0 | 17.00 | 14 | 2.65 | | | | | |
| S-5188 | 1 1/8 | 4.0 | 19.00 | 40 | 19.62 | | | | | |
| S-5190 | 1 3/8 | 6.0 | 15.00 | 40 | 2.65 | | | | | |
| S-5192 | 1 5/8 | 6.0 | 17.00 | 40 | 19.62 | | | | | |
| S-5194 | 2 1/8 | 6.0 | 17.00 | 40 | 2.65 | | | | | |
| | | | | | | | | | | |

| Serviceable Oil Separators | | | | | | | | | | | |
|----------------------------|--------|----------|------------|----------------|-----------------|--|--|--|--|--|--|
| Part No | ODS | Dimensio | ons (inch) | Pre-charge Oil | Weight (lbs) | | | | | | |
| rait NO | (Inch) | Ø | Height | (oz) | | | | | | | |
| S-5290 | 1 3/8 | 6.0 | 20.19 | 25 | 25.00 | | | | | | |
| S-5292 | 1 5/8 | 6.0 | 22.00 | 25 | 25.00 | | | | | | |
| S-5294 | 2 1/8 | 6.0 | 22.25 | 25 | 25.00 | | | | | | |
| S-5202 | 2 1/8 | 8.0 | 24.00 | 25 | 39.00 | | | | | | |
| S-5203 | 2 5/8 | 10.0 | 27.29 | 25 | 58.00 | | | | | | |
| S-5204 | 3 1/8 | 12.0 | 29.31 | 25 | 94.00 | | | | | | |
| | | | | | | | | | | | |

Notes: Standard 3/8" flare oil return connection. 3/8" O.D.S. oil return connection available by ordering an "X" suffix (i.e. S-5292X). See Selection Guidelines for sizing instructions



Mechanical Oil Level Regulators





The AC&R range of mechanical float type oil level regulators enjoy a reputation for quality & reliability, with a broad range of solutions for all low pressure oil management systems, including the new S-95** series.

- 3 bolt on 1-7/8" or universal flange compressor connections
- SAE flare oil and equalization connections
- · Adjustable oil level on select models
- · Pressure equalization ports for multi compressor applications
- Adapters available for most popular compress models
- Maximum working pressure = 450 PSI (31 Bar)
- Allowable pressure differential S-9010 = 5 to 30 PSI (0.35 to 2.0 Bar)
- Allowable pressure differential S-9090 & S-9130 = 5 to 90 PSI (0.35 to 6.2 Bar)
- Allowable operating temperature = +32°F to +266°F (0°C to +130°C)

| S-90** & S-91** Series | | | | | | | | | | |
|------------------------|-----|------|--------------|-------------|---------------|------------------|--------------|--|--|--|
| Part No | | Dir | nensions (in | Flance Tune | M : 1 / / / / | | | | | |
| | ØA | В | С | D | Е | Flange Type | Weight (lbs) | | | |
| S-9010 | 3.0 | 3.18 | 4.56 | 2.09 | 1.96 | 3 on 1-7/8" | 3.2 | | | |
| S-9090 | 3.0 | 3.18 | 4.56 | 2.09 | 1.96 | 3 on 1-7/8" | 3.3 | | | |
| S-9130 | 4.0 | 3.18 | 4.56 | 2.25 | 2.12 | Universal Flange | 3.9 | | | |
| | | | | | | | | | | |

Ball Valves and Ball Valves with Sight Glass

The function of a Ball Valve is to provide isolation in liquid and gas applications with single or bi-directional flow, where little restriction is desired.

- · Bi-directional flow
- · Indicator on stem shows valve position open or closed
- Positive stem stop ensures precise positioning in the open or closed position
- Blow-out proof stem
- Ball cavity vented to prevent over-pressure
- Vented seal cap
- Mounting pad
- Large clear sight glass (BVSG only)
- Positive colour contrast indicator (BVSG only)
- Plastic protection cap for sight glass supplied as standard (BVSG only)





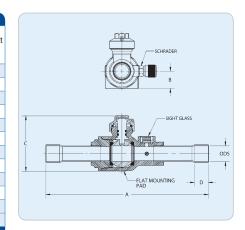
| riasti | c protectio | псар | 101 31 | 9 9 | 1433 3 | аррі | ica as standard (Broc on | • • • • | | | | |
|----------|-------------------|---------------|--------|------|--------|----------------------------|--|---------------------|-----------------|--------------|--------|--------|
| | | | | | | Bal | l Valves Imperial | | | | | |
| Pari | t No | | | | | Dimer | nsions (inch) | | | | _ | c= c . |
| Standard | Schrader Valve | ODS (inch) | А | В | С | D | Mounting pad hole thread details -2 off | Port Size (inch) | Weight (lbs) | MWP (PSI) | Cv | CE Cat |
| 907202 | 937202 | 1/4 | 6.50 | 0.63 | 2.13 | 0.32 | 8-36 UNF-2B X 0.79 pitch | 0.50 | 0.73 | 700 | 2.09 | SEP |
| 907203 | 937203 | 3/8 | 6.50 | 0.63 | 2.13 | 0.32 | 8-36 UNF-2B X 0.79 pitch | 0.50 | 0.73 | 700 | 4.28 | SEP |
| 907204 | 937204 | 1/2 | 6.50 | 0.63 | 2.13 | 0.39 | 8-36 UNF-2B X 0.79 pitch | 0.50 | 0.73 | 700 | 6.96 | SEP |
| 907205 | 937205 | 5/8 | 6.50 | 0.63 | 2.13 | 0.51 | 8-36 UNF-2B X 0.79 pitch | 0.50 | 0.73 | 700 | 13.82 | SEP |
| 907306 | 937306 | 3/4 | 7.24 | 0.83 | 2.64 | 0.51 | 8-36 UNF-2B X 1.26 pitch | 0.75 | 1.37 | 700 | 20.89 | SEP |
| 907307 | 937307 | 7/8 | 7.24 | 0.83 | 2.64 | 0.75 | 8-36 UNF-2B X 1.26 pitch | 0.75 | 1.41 | 700 | 30.14 | SEP |
| 907409 | 937409 | 1 1/8 | 8.50 | 0.98 | 2.99 | 0.91 | 10-32 UNF-2B X 1.58 pitch | 1 | 2.09 | 700 | 60.98 | SEP |
| 907511 | 937511 | 1 3/8 | 9.25 | 1.22 | 3.70 | 0.98 | 10-32 UNF-2B X 1.89 pitch | 1.25 | 3.35 | 700 | 84.74 | Cat I |
| 907613 | 937613 | 1 5/8 | 10.00 | 1.54 | 4.29 | 1.10 | 1/4"-28 UNF-2B X 2.37 pitch | 1.5 | 5.38 | 700 | 210.87 | Cat I |
| 907617 | 937617 | 2 1/8 | 11.38 | 1.85 | 5.20 | 1.34 | 1/4"-28 UNF-2B X 2.96 pitch | 2 | 10.10 | 700 | 283.48 | Cat I |
| 907721 | 937721 | 2 5/8 | 12.87 | 1.85 | 5.20 | 1.46 | 1/4"-28 UNF-2B X 2.96 pitch | 2 | 11.11 | 700 | 236.73 | Cat I |
| 907725 | 937725 | 3 1/8 | 14.37 | 2.36 | 6.06 | 1.65 | 1/4"-28 UNF-2B X 2.96 pitch | 2.50 | 19.25 | 700 | 322.28 | Cat I |
| | | | | | ا | Ball V | alves with Sigh Glass | | | | | |
| Pari | t No | | | | | Dimer | nsions (inch) | D. 4.6" | Mr. t. L. | A AVA/ID | _ | CF C |
| Schrade | er Valve | ODS (inch) | А | В | С | iviounting pad noie thread | | Port Size (inch) | Weight (lbs) | MWP (PSI) | Cv | CE Cat |
| 9372 | 02SG | 1/4 | 7.28 | 0.63 | 2.17 | '32 | 8-36 UNF-2B X 0.79 pitch | 0.50 | 0.93 | 700 | 2.09 | SEP |
| 9372 | .03SG | 3/8 | 7.28 | 0.63 | 2.17 | '32 | 8-36 UNF-2B X 0.79 pitch | 0.50 | 0.93 | 700 | 4.28 | SEP |
| 9372 | .04SG | 1/2 | 7.28 | 0.63 | 2.17 | 0.39 | 8-36 UNF-2B X 0.79 pitch | 0.50 | 0.93 | 700 | 6.96 | SEP |
| | | | | | | | | | | | | |

7.28 | 0.63 | 2.17 | 0.51 | 8-36 UNF-2B X 0.79 pitch

8.31 0.83 2.64 0.79 8-36 UNF-2B X 1.26 pitch

3/4 8.31 0.83 2.64 0.75 8-36 UNF-2B X 1.26 pitch

1 1/8 9.33 1.02 2.99 0.95 10-32 UNF-2B X 1.58 pitch



937205SG

937306SG

937307SG

937409SG

0.50

0.75

0.75

0.93

1.76

1.76

2.65

700 13.82

700 20.89

700 30.14 SEP

700 60.98 SEP

SEP

SEP



The function of an Oil Filter is to remove system debris from the refrigerant oil to protect the compressor and other oil management components from damage. In addition to removing debris, the oil filter drier also removes moisture from the refrigerant oil.

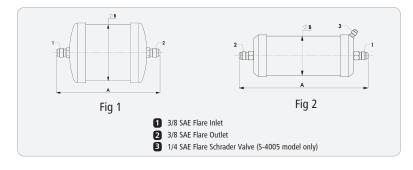
S-4004 model

- · High flow capacity with low pressure drop
- 475 in² filter area
- · Particle retention down to 10 microns
- Suitable replacement for individual Oil Strainers on oil return linesow capacity with low pressure drop



S-4005 model

- High flow capacity with low pressure drop
- 465 in² in filter area
- · Particle retention down to 6 microns
- High level of drying with 8 in² XH-9 desiccant
- · Suitable replacement for individual Oil Strainers on oil return line
- Maximum working pressure = 450 PSI (31 Bar)
- Allowable operating temperature = $14^{\circ}F$ to $+212^{\circ}F$ (- $10^{\circ}C$ to $+100^{\circ}C$)



| Part No | Fig No | Dimension | Weight (lbs) | |
|---------|--------|-----------|--------------|--------------|
| | Tig No | Α | ØB | weight (ibs) |
| S-4004 | 1 | 4.0 | 7.39 | 3.45 |
| S-4005 | 2 | 3.0 | 9.80 | 3.45 |
| | | | | |

Suction Accumulators

The SA series are a competitive range of Suction Line Accumulator's, whose main purpose is to prevent a sudden surge of liquid refrigerant or oil from returning down the suction line and into the compressor. The suction line accumulator is a temporary reservoir for the liquid refrigerant and oil..

- · ODS connections
- · Prevents liquid slugging
- · Controlled liquid return and oil return

1 3/8

1 5/8

5.00

6.00

- · Large flow capacity
- · Low pressure drop

- · Screen protected orifice
- Solid copper connections
- · Powder-coated finish
- · Cost effective

| | | | SA Series | | | | | | |
|----------|-------------|------|-------------------|-------|------|--------------|--|--|--|
| Dovt No. | ODC (in sh) | | Dimensions (inch) | | | | | | |
| Part No | ODS (inch) | ØA | В | С | D | Weight (lbs) | | | |
| SA-7044 | 1/2 | 4.00 | 6.42 | 5.43 | 2.50 | 4.41 | | | |
| SA-7045S | 5/8 | 4.00 | 6.58 | 5.43 | 2.50 | 4.41 | | | |
| SA-7045 | 5/8 | 4.00 | 10.95 | 9.80 | 2.50 | 6.39 | | | |
| SA-7046 | 3/4 | 4.00 | 11.06 | 9.80 | 2.50 | 6.39 | | | |
| SA-7056 | 3/4 | 5.00 | 9.92 | 8.74 | 2.76 | 7.94 | | | |
| SA-7057S | 7/8 | 5.00 | 10.08 | 8.74 | 2.76 | 7.94 | | | |
| SA-7057 | 7/8 | 5.00 | 14.88 | 13.54 | 2.76 | 11.24 | | | |
| SA-7051 | 1 1/8 | 5.00 | 18.74 | 17.24 | 2.76 | 13.89 | | | |

18.86

26.69





SA-7053

SA-7065

17.24

24.92

2.95

2.95

13.89

28.66

Pressure Relief Valves



Fig 1

The main function of a Pressure Relief Valve is to protect against accidental overpressure in a system due to a malfunction or fire.

- NPT and SAE flare connections
- High pressure line available (500-675 PSI) suitable for R410A & CO
- Steel Models suitable for Amonia
- Valves fully open before 10% overpressure
- Reset pressure ranges typically 10-40% (blowdown) from set pressure
- Valves bear individual serial numbers
- UV-1 pressure test reports available upon request
- Fully Certified to ASME VIII Div 1

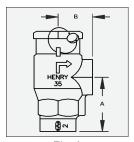


Fig 1

| High Pressure - X Series | | | | | | | | | | | |
|--------------------------|--------|---------|---------------|-------------------|-------------------------|--------------|--|--|--|--|--|
| Dovt No | Fig No | Conn S | ize (inch) | Dimensions (inch) | Orifice Diameter (inch) | Maight (lbs) | | | | | |
| Part No | Fig No | Inlet | Outlet | Height | | Weight (lbs) | | | | | |
| 5230AX-XXX | 2 | 1/4"MPT | 1/2"SAE Flare | 3.70 | 0.276 | 0.83 | | | | | |
| 5231AX-XXX | 2 | 3/8"MPT | 1/2"SAE Flare | 3.70 | 0.276 | 0.88 | | | | | |
| 5231BX-XXX | 2 | 1/2"MPT | 3/8"SAE Flare | 4.17 | 0.276 | 0.94 | | | | | |
| 5233AX-XXX | 2 | 3/8 NPT | 7/8 SAE Flare | 4.18 | 0.276 | 1.02 | | | | | |
| 5234AX-XXX | 3.1 | 3/8 NPT | 3/4 FPT | 4.22 | 0.276 | 1.12 | | | | | |
| 5235AX-XXX | 3.1 | 1/2 NPT | 3/4 FPT | 4.50 | 0.276 | 1.21 | | | | | |



Fig 2

| | Angle Relief Valve - Steel | | | | | | | | | | |
|---------|----------------------------|----------|----------|-------------------|------|-------------------------|----------------|--|--|--|--|
| Part No | Fig No | Conn Siz | e (inch) | Dimensions (inch) | | Orifice Diameter (inch) | Weight (lbs) | | | | |
| rait NO | rig No | Inlet | Outlet | Α | В | | vveigitt (IDS) | | | | |
| 5600-XX | 1 | 1/2 FPT | 3/4 FPT | 2.69 | 1.63 | 0.703 | 3.60 | | | | |
| 5601-XX | 1 | 1/2 FPT | 1 FPT | 2.69 | 1.63 | 0.703 | 3.44 | | | | |
| 5602-XX | 1 | 3/4 FPT | 1 FPT | 2.69 | 1.63 | 0.921 | 3.40 | | | | |
| 5603-XX | 1 | 1 FPT | 1 1/4FPT | 2.88 | 2.00 | 1.000 | 4.75 | | | | |
| 5604-XX | 1 | 1 1/4FPT | 1 1/2FPT | 4.13 | 2.31 | 1.125 | 6.50 | | | | |



Fig 3.1

| | Straight-through Relief Valves - Brass | | | | | | | | | | | |
|-----------------|--|-----------|-----------|-------------------|-------------------------|--------------|--|--|--|--|--|--|
| Part No | Fig No | Conn Siz | e (inch) | Dimensions (inch) | Orifice Diameter (inch) | Maight (lbs) | | | | | | |
| Part NO | Fig No | Inlet | Outlet | Height | | Weight (lbs) | | | | | | |
| 5250A-1/2-XXX | 3.1 | 1/2 MPT | 1/2 FPT | 4.26 | 0.375 | 0.85 | | | | | | |
| 5250-1/2-XXX | 3.1 | 1/2 MPT | 3/4 FPT | 4.04 | 0.375 | 0.97 | | | | | | |
| 5252-3/4-XXX | 3.1 | 3/4 MPT | 3/4 FPT | 4.05 | 0.375 | 0.95 | | | | | | |
| 5244-3/4-XXX | 3.1 | 3/4 MPT | 1 FPT | 4.16 | 0.500 | 1.46 | | | | | | |
| 5244-1-XXX | 3.1 | 1 MPT | 1 FPT | 4.16 | 0.500 | 1.46 | | | | | | |
| 5246A-1-XXX | 3.1 | 1 MPT | 1 1/4 FPT | 5.82 | 0.719 | 2.50 | | | | | | |
| 5246A-1-1/4-XXX | 3.1 | 1 1/4 MPT | 1 1/4 FPT | 5.82 | 0.719 | 2.60 | | | | | | |
| | | | | | | | | | | | | |



Fig 3.2

| Straight-through Relief Valves - Stainless Steel | | | | | | | | | | | |
|--|--------|-----------|-----------|-------------------|-------------------------|--------------|--|--|--|--|--|
| Part No | Fig No | Conn Siz | e (inch) | Dimensions (inch) | Orifice Diameter (inch) | Maight (lbs) | | | | | |
| | Fig No | Inlet | Outlet | Height | | Weight (lbs) | | | | | |
| 5350-1/2-XXX | 3.2 | 1/2 MPT | 3/4 FPT | 4.00 | 0.375 | 0.95 | | | | | |
| 5352-3/4-XXX | 3.2 | 3/4 MPT | 3/4 FPT | 4.00 | 0.375 | 1.03 | | | | | |
| 5344-3/4-XXX | 3.2 | 3/4 MPT | 1 FPT | 4.18 | 0.500 | 1.46 | | | | | |
| 5344-1-XXX | 3.2 | 1 MPT | 1 FPT | 4.19 | 0.500 | 1.46 | | | | | |
| 5345A-XXX | 3.2 | 1 MPT | 1 1/4 FPT | 5.81 | 0.719 | 2.50 | | | | | |
| 5346A-1-1/4-XXX | 3.2 | 1 1/4 MPT | 1 1/4 FPT | 5.81 | 0.719 | 2.60 | | | | | |
| | | | | | | | | | | | |

Rupture Disc





The function of a Rupture Disc is to protect against accidental overpressure in a system due to a malfunction or fire. A Rupture Disc is generally used in combination with Henry Technologies' Pressure Relief Valves.

- · Proven safe design
- High flow capacity
- Compact
- · Reverse acting, non-fragmenting disc
- 2x 1/8 NPT gauge ports
- · Helium leak tested
- · Non-standard pressure settings available on request

| Part No | Туре | NPT (inch) | | Dimensions (inch) | | | STD Rupture Disc | Capacity lbs. | Weight |
|-------------|-----------------|------------|--------|-------------------|-----------|-------|-----------------------|---------------|--------|
| | | Inlet | Outlet | Heigth | Width | Ø | setting at 72°F (PSI) | Air/min | (lbs) |
| 5525-235-CE | Brass | 3/8 | 3/8 | 2.94 | 1-1/4 HEX | 0.375 | 235 | 25.5 | 0.69 |
| 5525-300-CE | | | | | | | 300 | 32.2 | |
| 5526-235-CE | Brass | 1/2 | 1/2 | 2.62 | 1-1/4 HEX | 0.500 | 235 | 45.3 | 0.68 |
| 5526-300-CE | | | | | | | 300 | 57.2 | |
| 5626-150-CE | Stainless Steel | 1/2 | 1/2 | 2.96 | Ø1.13 | 0.500 | 150 | 29.8 | 0.62 |
| 5626-250-CE | | | | | | | 250 | 52.1 | |
| 5627-250-CE | Stainless Steel | 3/4 | 3/4 | 3.29 | Ø1.50 | 0.750 | 250 | 57.7 | 1.44 |
| 5628-300-CE | Stainless Steel | 1 | 1 | 3.73 | Ø1.72 | 1.000 | 300 | 128.7 | 1.36 |

For other size, please contact Henry Technologies or consult our catalogue on our website: www.henrytech.com

Three-Way Dual Shut-Off Valves



The function of a Three-Way Valve is to permit replacement of one of the Pressure Relief Devices, while the other is protecting the pressure vessel. In this way, a vessel is protected from overpressure during servicing and removal of the Pressure Relief Device, and a system refrigerant charge is not required to replace a Pressure Relief Device.

- NPT Connections
- · Proven robust design
- Compact



- Maximum working pressure = 675 PSI (46.6 Bar)
- Allowable operating temperature = -20° F to $+300^{\circ}$ F (-29° C to $+149^{\circ}$ C)



802 Series

- Maximum working pressure = 450 PSI (31.0 Bar)
- Allowable operating temperature = -20°F to +300°F (-29°C to +149°C)

| 92 Series | | | | | | |
|-----------|------------|-------------------------|--------------|----------------|--|--|
| Part No | NPT (inch) | Dimensions (inc | Weight (lbs) | | | |
| | | Outlet Connection Pitch | Height | vveigiit (ibs) | | |
| 923 | 3/8 | 2.75 | 2.50 | 1.15 | | |
| 925 | 1/2 | 2.75 | 2.50 | 1.05 | | |
| 927 | 3/4 | 2.75 | 2.75 | 1.67 | | |
| | | | | | | |

| 802 Series * | | | | | | |
|-----------------------|---------------|-------------------------|--------------|--------------|--|--|
| Part No | NPT (inch) | Dimensions (inch | Maiabt (lbs) | | | |
| | | Outlet Connection Pitch | Height | Weight (lbs) | | |
| 8021A | 1/2 | 3.63 | 3.38 | 3.21 | | |
| 8022A | 3/4 | 3.63 | 3.38 | 3.00 | | |
| 8024 | 1 | 5.82 | 3.38 | 7.87 | | |
| 8025 | 1 1/4 | 5.82 | 3.38 | 6.92 | | |
| * Suitable for amonia | | | | | | |

The information contained in this brochure is correct at the time of publication.

Henry Technologies has a policy of continuous product development; we therefore reserve the right to change technical specifications without prior notice.

Extensive changes within our industry have seen products of Henry Technologies being used in a variety of new applications. We have a policy, where possible, to offer research and development assistance to our clients. We readily submit our products for assessment at the development stage, to enable our clients to ascertain product suitability for a given design application.

It remains the responsibility of the system designer to ensure all products used in the system are suitable for the

For details of our warranty cover, please refer to our standard terms and conditions of sale. Copies are available on request. Date of publication:- June 2016

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