## NSN 4820-00-470-9908

Expansion Valve - Page 1 of 2



View Online at https://aerobasegroup.com/nsn/4820-00-470-9908

**Body Material:** 

Brass, astm b124, alloy no. 2

**Body Style:** 

Angle give "adqm" or "adqn" if flanged one or two ends

Stem Material:

Steel, federal standard 66, aisi 410/sae 51410

**Tempurature Rating:** 

50.0 degrees fahrenheit

Media For Which Designed:

Refrigerant 22

**First End Connection Type:** 

Unthreaded internal tube

First End Style Designator:

Socket

First End Outside Diameter Tube Accommodated:

0.625 inches

Second End Relationship With First End:

Not identical

**Second End Connection Type:** 

Unthreaded internal tube

**Second End Style Designator:** 

Socket

**Second End Pipe Size Accommodated:** 

0.375 inches

**Second End Outside Diameter Tube Accommodated:** 

0.375 inches

**Seat Material:** 

Brass, astm b124, alloy no. 2

Flow Control Device:

Diaphragm

Flow Control Device Material:

Steel, federal standard 66, aisi 304/sae 30304

**End Connection Quantity:** 

2

**Adjustable Pressure Range:** 

Not rated

**Capillary Tube Length:** 

180.000 inches

**Bulb Length:** 

Between 4.781 inches and 4.844 inches

**Bulb Diameter:** 

Between 0.623 inches and 0.639 inches

## **NSN 4820-00-470-9908** Expansion Valve - Page 2 of 2



| Valve Expansion Control Type:           |
|---|
| Pressure                                |
| Valve Pressure Limiting Device:         |
| Included                                |
| Valve Pressure Limiting Device Setting: |
| 100.0 pounds per square inch gage       |
| Bulb Media Type:                        |
| Refrigerant 22                          |
| Bulb Mounting Method:                   |
| Clamp                                   |
| Valve Equalizer Location:               |
| External                                |
| Valve Equalizer Connection Type:        |
| Flared tube                             |
| Valve Equalizer Connection Diameter:    |
| 0.250 inches                            |
| Refrigeration Capacity In Btu Per Hour: |
| 12.0                                    |
| Shelf Life:                             |
| N/a                                     |
| Unit Of Measure:                        |
|   |
| Demilitarization:                       |
| No                                      |
| Fiig:                                   |
| A07100                                  |
|   |