

# Certificate of Compliance

**Certificate Number:**

UL-US-2422117-0

**Report Reference:**

SA46093-20240621

**Issue Date:**

2024-06-25

Issued to:

**ZHEJIANG LEFOO CONTROLS CO LTD  
NO.220 WEISHIWU RD ECONOMIC DEVELOPMENT ZONE  
YUEQING, Zhejiang 325600  
China**

This certificate confirms that representative samples of:  
**SFJQ - Valves, Refrigerant**

**See Addendum Page for Product Designation(s).**

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

**UL 207, Edition 9, Issue Date 2022-08-26**

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



David Piecuch  
UL Mark Certification Program Manager



Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact UL Solutions Customer Service at <https://www.ul.com/contact-us>.

# CERTIFICATE OF COMPLIANCE

**Certificate number**    UL-US-2422117-0  
**Report reference**     SA46093-20240621  
**Date**                     2024-06-25

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

| Model                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Product Description    |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------|---|----------|----|----------|----|----------|----|----------|----|----------|----|----------|----|------------|----|------------|----|------------|----|------------|----|------------|----|------------|---|---------------------|---|------------------------|---------------------------|
| <p style="text-align: center;">LFBV-a-b, MODEL NOMENCLATURE:</p> <p style="text-align: center;">LFBV-a-b<br/>1            2 3</p> <p style="text-align: center;">1. Product code – LFBV.<br/>2. The Diameter of Connection tube, composed of Arabic numerals:</p> <table style="margin-left: auto; margin-right: auto; border: none;"> <thead> <tr> <th style="text-align: left;">Numerals</th> <th style="text-align: left;">Tube OD, mm</th> </tr> </thead> <tbody> <tr><td style="text-align: center;">6</td><td>1/4 inch</td></tr> <tr><td style="text-align: center;">10</td><td>3/8 inch</td></tr> <tr><td style="text-align: center;">12</td><td>1/2 inch</td></tr> <tr><td style="text-align: center;">16</td><td>5/8 inch</td></tr> <tr><td style="text-align: center;">19</td><td>3/4 inch</td></tr> <tr><td style="text-align: center;">22</td><td>7/8 inch</td></tr> <tr><td style="text-align: center;">28</td><td>1-1/8 inch</td></tr> <tr><td style="text-align: center;">35</td><td>1-3/8 inch</td></tr> <tr><td style="text-align: center;">42</td><td>1-5/8 inch</td></tr> <tr><td style="text-align: center;">54</td><td>2-1/8 inch</td></tr> <tr><td style="text-align: center;">67</td><td>2-5/8 inch</td></tr> <tr><td style="text-align: center;">79</td><td>3-1/8 inch</td></tr> </tbody> </table> <p style="text-align: center;">3. Represent with or without Charging Valve, composed of Arabic numerals: 1 or 2.</p> <table style="margin-left: auto; margin-right: auto; border: none;"> <tbody> <tr><td style="text-align: center;">1</td><td>with Charging valve</td></tr> <tr><td style="text-align: center;">2</td><td>without Charging valve</td></tr> </tbody> </table> | Numerals               | Tube OD, mm | 6 | 1/4 inch | 10 | 3/8 inch | 12 | 1/2 inch | 16 | 5/8 inch | 19 | 3/4 inch | 22 | 7/8 inch | 28 | 1-1/8 inch | 35 | 1-3/8 inch | 42 | 1-5/8 inch | 54 | 2-1/8 inch | 67 | 2-5/8 inch | 79 | 3-1/8 inch | 1 | with Charging valve | 2 | without Charging valve | <p>Refrigerant Valves</p> |
| Numerals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tube OD, mm            |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                           |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1/4 inch               |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                           |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3/8 inch               |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                           |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1/2 inch               |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                           |
| 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5/8 inch               |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                           |
| 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3/4 inch               |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                           |
| 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 7/8 inch               |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                           |
| 28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1-1/8 inch             |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                           |
| 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1-3/8 inch             |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                           |
| 42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1-5/8 inch             |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                           |
| 54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2-1/8 inch             |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                           |
| 67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2-5/8 inch             |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                           |
| 79                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3-1/8 inch             |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                           |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | with Charging valve    |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                           |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | without Charging valve |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                           |



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# Certificate of Compliance

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UL-CA-2417651-0

## Report Reference:

SA46093-20240621

## Issue Date:

2024-06-25

Issued to:

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NO.220 WEISHIWU RD ECONOMIC DEVELOPMENT ZONE  
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This certificate confirms that representative samples of:  
**SFJQ7 - Valves, Refrigerant Certified for Canada**

**See Addendum Page for Product Designation(s).**

Have been evaluated by UL in accordance with the Standard(s) indicated on this Certificate.

**CSA C22.2 NO. 140.3-15, 3rd Ed., Issue Date: 2015-03-01**

Additional Information:

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| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1/4 inch               |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                                                       |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3/8 inch               |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                                                       |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1/2 inch               |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                                                       |
| 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 5/8 inch               |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                                                       |
| 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3/4 inch               |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                                                       |
| 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7/8 inch               |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                                                       |
| 28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1-1/8 inch             |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                                                       |
| 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1-3/8 inch             |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                                                       |
| 42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1-5/8 inch             |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                                                       |
| 54                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2-1/8 inch             |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                                                       |
| 67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2-5/8 inch             |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                                                       |
| 79                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3-1/8 inch             |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                                                       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | with Charging valve    |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                                                       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | without Charging valve |             |   |          |    |          |    |          |    |          |    |          |    |          |    |            |    |            |    |            |    |            |    |            |    |            |   |                     |   |                        |                                                       |



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