

The Public Health and Safety Organization

NSF Product and Service Listings

These NSF Official Listings are current as of **Thursday**, **January 26**, **2023** at 12:15 a.m. Eastern Time. Please <u>contact NSF</u> to confirm the status of any Listing, report errors, or make suggestions.

Alert: NSF is concerned about fraudulent downloading and manipulation of website text. Always confirm this information by clicking on the below link for the most accurate information: <u>http://info.nsf.org/Certified/Biosafety/Listings.asp?Company=3R900&Standard=049&</u>

NSF/ANSI 49 Class II (Laminar Flow) Biosafety Cabinetry

| Cabinet Style |
|---|
| A = Bench Unit With Base or Adjustable Legs Provided |
| B = Bench Unit Without Base or Adjustable Legs Provided |
| C = Console |

Window Type H = Hinged S = Sliding F = Fixed Bench Height NA = Not Applicable NP = Not Provided

CBV = Concurrent Balance Value

Due to a change in nomenclature in NSF/ANSI 49 - 2002 "Class II (Laminar Flow) Biosafety Cabinetry," Class II, Type A cabinets are now referred to as Class II, Type A1 and Class II, Types B3 and A/B3 cabinets as Class II, Type A2. Class II, Types B1 and B2 cabinets remain unchanged.

Biosafety cabinet models Listed under NSF/ANSI 49 are approved for use with a power supply of 115V/60Hz, unless otherwise noted. If biosafety cabinets have been approved for use with additional power supplies, the power supply will be indicated in the Official Listing.

Jinan Biobase Biotech Co., Ltd. North side of Jiwang Road, Mingshui

(http://www.biobase.cc)

2023/1/27

Economic Dev. Zone, Zhangqiu Jinan Shandong Province 250200 China 86 531 5867 3159 <u>Visit this company's website (http://www.biobase.cc)</u>

Facility: # 37 China

| Model | Cabinet Type/Style | | Inflow Velocity | Downflow Velocity | CBV (cfm) at Static | Cabinet Width | Window Ht/Type | Bench Ht | Acceptable Options |
|----------------|-----------------------|---|--------------------|----------------------|------------------------|------------------|-------------------|-------------|--------------------------|
| Number | | | | | | | | | |
| | | | (fpm) | (fpm) | Pressure | ft. | in. | Max | |
| | | | | | (in w.g.) | | | in. | |
| BSC-2FA2-GL[1] | A2 | А | 100 - 110 | 60 - 70 | N/A | 2 | 10S | 28 | U.V. Light |
| BSC-2FA2-NA[1] | A2 | А | 100 - 110 | 60 - 70 | N/A | 2 | 10S | 28 | U.V. Light |
| BSC-3FA2-GL[2] | A2 | А | 100 - 110 | 60 - 70 | N/A | 3 | 10S | 27 | Canopy Connection |
| | | | | | | | | | I.V. Pole |
| | | | | | | | | | U.V. Light |
| BSC-3FA2-NA[2] | A2 | А | 100 - 110 | 60 - 70 | N/A | 3 | 10S | 27 | Canopy Connection |
| | | | | | | | | | I.V. Pole |
| | | | | | | | | | U.V. Light |
| BSC-4FA2[3] | A2 | А | 100 - 110 | 60 - 70 | N/A | 4 | 8S | 27 | I.V. Pole |
| | | | | | | | | | U.V. Light |
| BSC-4FA2-GL[4] | A2 | А | 100 - 110 | 60 - 70 | N/A | 4 | 10S | 27 | I.V. Pole |
| | | | | | | | | | U.V. Light |
| | | | | | | | | | Canopy Connection |
| BSC-4FA2-NA[4] | A2 | А | 100 - 110 | 60 - 70 | N/A | 4 | 10S | 27 | I.V. Pole |
| | | | | | | | | | U.V. Light |
| | | | | | | | | | Canopy Connection |
| BSC-4FB2-GL[5] | B2 | Α | 100 - 110 | 60 - 70 | 949 @ 2.1 | 4 | 88 | 27 | I.V. Pole |
| | | | | | | | | | U.V. Light |
| BSC-4FB2-NA[5] | B2 | А | 100 - 110 | 60 - 70 | 949 @ 2.1 | 4 | 8S | 27 | I.V. Pole |
| | | | | | | | | | U.V. Light |
| BSC-6FA2-GL[6] | A2 | Α | 100 - 110 | 60 - 70 | N/A | 6 | 10S | 27 | I.V. Pole |

https://info.nsf.org/Certified/Biosafety/Listings.asp?Company=3R900&Standard=049

Listing Category Search Page | NSF International

| Canopy Connection U.V. Light | BSC-6FA2-NA[6] | A2 | A | 100 - 110 | 60 - 70 | N/A | 6 | 10S | 27 | Canopy Connection U.V. Light I.V. Pole Canopy Connection U.V. Light |
|---------------------------------|----------------|----|---|-----------|---------|-----|---|-----|----|---|
|---------------------------------|----------------|----|---|-----------|---------|-----|---|-----|----|---|

- [1] Inflow nominal set point of 105 fpm was established with a direct airflow reading instrument. This nominal set point was confirmed using the manufacturer's recommended alternate method with thermal anemometer in a constricted (3 inch high) access opening (consult manufacturer's operator's manual for appropriate correction factor) without adjusting cabinet airflow balance. Downflow nominal set point of 65 fpm was established with I.V. Pole and U.V. Light removed. This cabinet model was Certified to NSF/ANSI 49-2020. Certified for use with power supplies of 115V/60Hz, 230V/50Hz and 230V/60Hz.
- [2] Beginning with serial number 3FA18060001. Inflow nominal set point of 105 fpm was established with a direct airflow reading instrument. This nominal set point was confirmed using the manufacturer's recommended alternate method with thermal anemometer in a constricted (3 inch high) access opening (consult manufacturer's operator's manual for appropriate correction factor) without adjusting cabinet airflow balance. Downflow nominal set point of 65 fpm was established with I.V. Pole and U.V. Light removed. This cabinet model was Certified to NSF/ANSI 49-2016. Biobase canopy model CY-3FA2-I was evaluated as a part of the NSF Certification testing procedures. Certified for use with power supplies of 115V/60Hz, 230V/50Hz and 230V/60Hz.
- [3] Inflow nominal set point of 105 fpm was established with a direct airflow reading instrument. A corresponding inflow nominal set point of 105 fpm (corrected to local air density) was confirmed using manufacturer's recommended alternate method with thermal anemometer in a constricted (3 inch high) access opening and applying appropriate correction factor without adjusting cabinet airflow balance. The downflow nominal set point of 65 fpm was established 4 inches above the bottom of the sash with the I.V. Pole and U.V. Light removed. This cabinet model was Certified to NSF/ANSI 49-2012. Approved for alternate power modes of 220V/50Hz and 220V/60Hz.
- [4] Inflow nominal set-point of 105 fpm was established with a direct airflow reading instrument. A corresponding inflow nominal set-point of 105 fpm (corrected to local

air density) was confirmed using manufacturer's recommended alternate method with thermal anemometer in a constricted (3 inch high) access opening and applying appropriate correction factor without adjusting cabinet airflow balance. The downflow nominal set-point of 65 fpm was established 4 inches above the bottom of the sash with the I.V. Pole and U.V. Light removed. This cabinet model was Certified to NSF/ANSI 49-2014. Certified for use with power supplies of 115V/60Hz, 230V/50Hz and 230V/60Hz.

- [5] Beginning with serial number 4FB18050001. Inflow nominal set point of 105 fpm was established with a direct airflow reading instrument. This nominal set point was confirmed using the manufacturer's recommended alternate method with thermal anemometer in a constricted (3 inch high) access opening (consult manufacturer's operator's manual for appropriate correction factor) without adjusting cabinet airflow balance. Downflow nominal set point of 65 fpm was established with I.V. Pole and U.V. Light removed. This cabinet model was Certified to NSF/ANSI 49-2016. Certified for use with power supplies of 115V/60Hz, 230V/50Hz and 230V/60Hz.
- [6] Inflow nominal set-point of 105 fpm was established with a direct airflow reading instrument. A corresponding inflow nominal set-point of 105 fpm (corrected to local air density) was confirmed using manufacturer's recommended alternate method with thermal anemometer in a constricted (3 inch high) access opening and applying appropriate correction factor without adjusting cabinet airflow balance. The downflow nominal set-point of 65 fpm was established 4 inches above the bottom of the sash with the I.V. Pole and U.V. Light removed. This cabinet model was Certified to NSF/ANSI 49-2014. Certified for use with power supplies of 115V/60Hz, 230V/50Hz and 230V/60Hz.

Number of matching Manufacturers is 1 Number of matching Products is 11

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