

# Galvanized Box Fan Series



## Features & Advantages



### Large Air Flow

High-strength stainless steel propeller with advanced fluid design that provides large air flow, low noise, and high efficiency.



### High Efficiency

IP55 waterproof and dustproof protection, F class insulation, ultra-efficient motor with 85% efficiency enables animal producers to save breeding costs and increase profits. .



### High Strength

Box housing and venturi nozzle are made of “X” gauge galvanized sheet-steel with 275g/ m<sup>2</sup> zinc layer coating, which enables to withstand the harsh environment of the breeding sites.



### Long Durability

Belt drive, adopt famous brand belt, made of neoprene composite materials and fiberglass cord core, that provides high strength, good wear resistance, high flexibility and high tensile resistance.



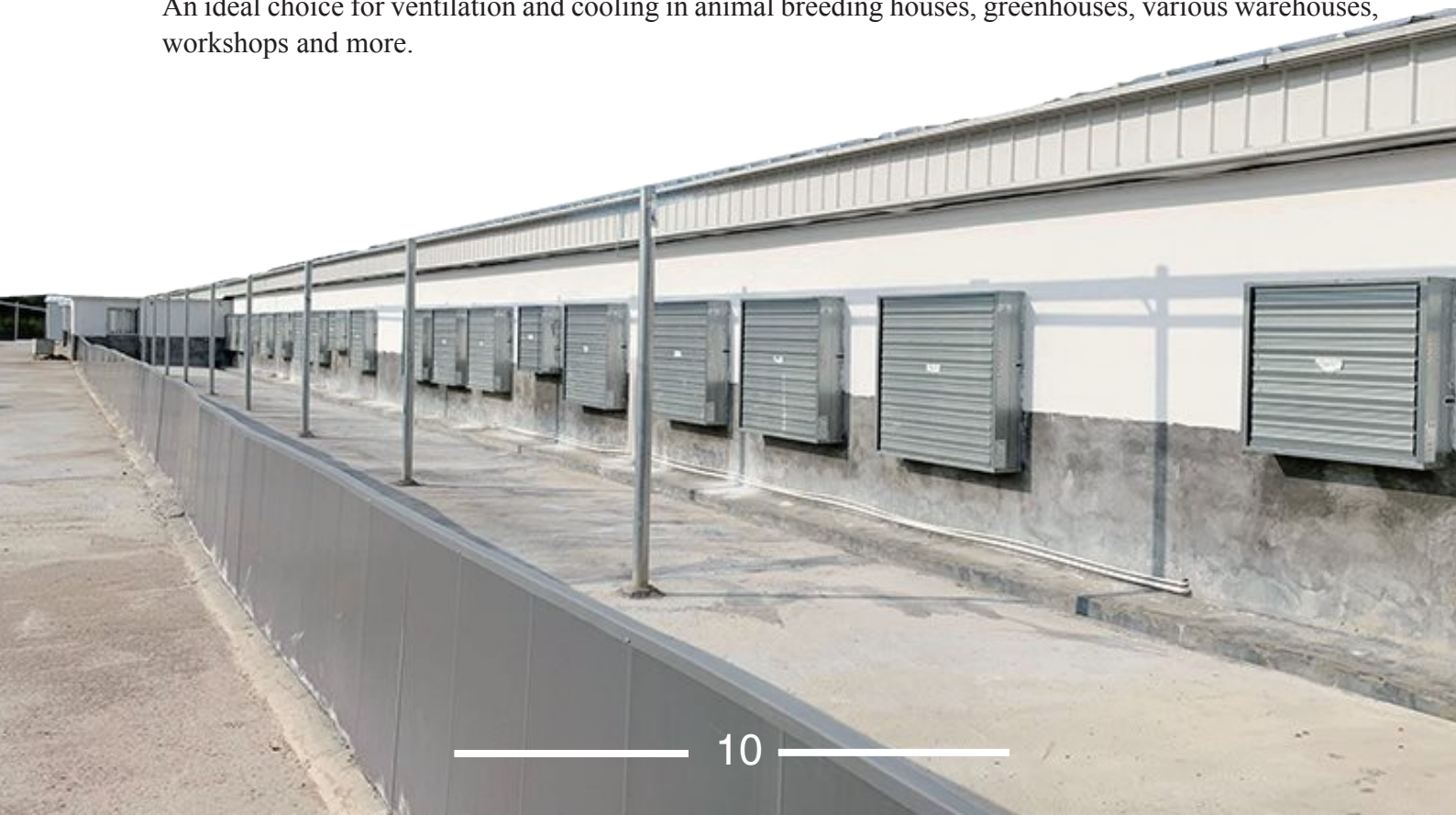
### Excellent Air-tightness

The shutter is automatically open and close by a centrifugal push-pull device, which ensures air tightness and prevents light transmittance.

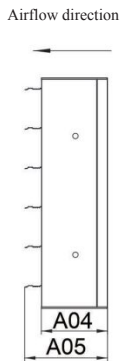
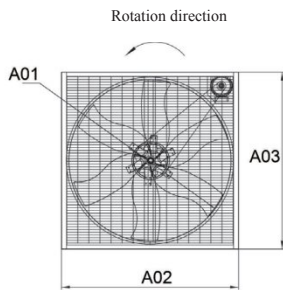


### Wide Application

An ideal choice for ventilation and cooling in animal breeding houses, greenhouses, various warehouses, workshops and more.

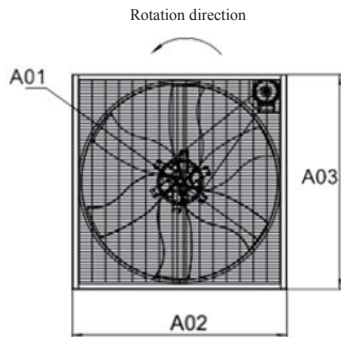


# BT SERIES



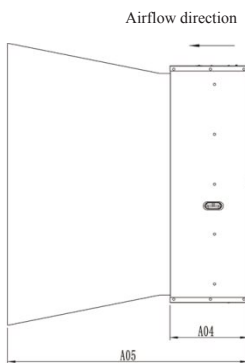
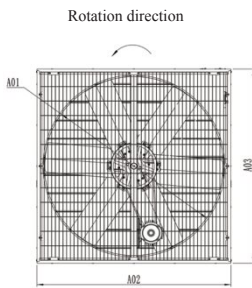
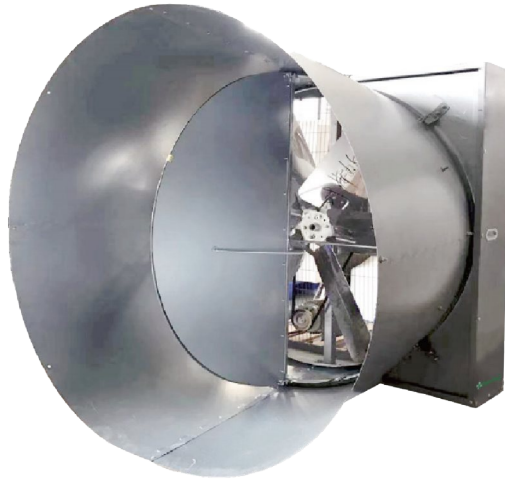
| Model No.                 |   | BT915B2-077-00                   |            |                       | BT1270B2-081-00 |           |           |
|---------------------------|---|----------------------------------|------------|-----------------------|-----------------|-----------|-----------|
| Diameter of blades (inch) |   | 36"                              |            |                       | 50"             |           |           |
| Motor*                    | Voltage (V)   | 380                              | 230 / 460  | 115 / 230             | 380             | 230 / 460 | 115 / 230 |
|                           | Hertz (Hz)  | 50                               | 60         |                       | 50              | 60        |           |
|                           | Phase   | 3                                | 3          | 1                     | 3               | 3         | 1         |
|                           | *36" and 50" options include other voltages not mentioned above, 1 phase or 3 phase, 50Hz or 60Hz |                                  |            |                       |                 |           |           |
|                           | Power (KW)  | 0.55                             |            |                       | 1.1             |           |           |
| Current @ 0Pa / inH2O (A) | 1.88  |                                  |            | 3                     |                 |           |           |
| Performance               | Pressure  | Airflow                          |            | Airflow               |                 |           |           |
|                           | Pa / inH2O  | (m <sup>3</sup> /hr.)            | (cfm)      | (m <sup>3</sup> /hr.) | (cfm)           |           |           |
|                           | 0 / 0   | 19100                            | 11240      | 40000                 | 23530           |           |           |
|                           | -25 / -0.1  | 16400                            | 9650       | 36000                 | 21180           |           |           |
|                           | -50 / -0.2  | 13300                            | 7820       | 30700                 | 18060           |           |           |
|                           | Efficiency  | (cmh/ Watt)                      | (cfm/Watt) | (cmh/ Watt)           | (cfm/Watt)      |           |           |
|                           | 23.3  | 13.7                             | 25         | 14.7                  |                 |           |           |
| Features                  | Drive   | Belt Drive                       |            |                       |                 |           |           |
|                           | Propeller   | 6-Stainless steel                |            |                       |                 |           |           |
|                           | Shutter   | Open-close way: push-pull device |            |                       |                 |           |           |
| Dimension (mm)            | A01   | 915                              |            |                       | 1270            |           |           |
|                           | A02   | 1000                             |            |                       | 1380            |           |           |
|                           | A03   | 1000                             |            |                       | 1380            |           |           |
|                           | A04   | 450                              |            |                       | 450             |           |           |
|                           | A05   | 500                              |            |                       | 500             |           |           |
|                           | Dimension of opening (mm)   | 1020x1020                        |            |                       | 1400x1400       |           |           |

# QT SERIES



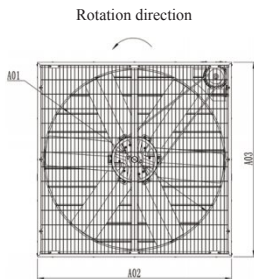
| Model No.                 |   | QT915B2-077-00                   |            |                       | QT1270B2-081-00 |           |           |
|---------------------------|---|----------------------------------|------------|-----------------------|-----------------|-----------|-----------|
| Diameter of blades (inch) |   | 36"                              |            |                       | 50"             |           |           |
| Motor*                    | Voltage (V)   | 380                              | 230 / 460  | 115 / 230             | 380             | 230 / 460 | 115 / 230 |
|                           | Hertz (Hz)  | 50                               | 60         |                       | 50              | 60        |           |
|                           | Phase   | 3                                | 3          | 1                     | 3               | 3         | 1         |
|                           | *36" and 50" options include other voltages not mentioned above, 1 phase or 3 phase, 50Hz or 60Hz |                                  |            |                       |                 |           |           |
|                           | Power (KW)  | 0.55                             |            |                       | 1.1             |           |           |
| Current @ 0Pa / inH2O (A) | 1.7   |                                  |            | 3.2                   |                 |           |           |
| Performance               | Pressure  | Airflow                          |            | Airflow               |                 |           |           |
|                           | Pa / inH2O  | (m <sup>3</sup> /hr.)            | (cfm)      | (m <sup>3</sup> /hr.) | (cfm)           |           |           |
|                           | 0 / 0   | 18400                            | 10820      | 38700                 | 22770           |           |           |
|                           | -25 / -0.1  | 16080                            | 9460       | 35500                 | 20880           |           |           |
|                           | -50 / -0.2  | 12750                            | 7500       | 30500                 | 17940           |           |           |
|                           | Efficiency  | (cmh/ Watt)                      | (cfm/Watt) | (cmh/ Watt)           | (cfm/Watt)      |           |           |
|                           | 23.3  | 13.7                             | 21.8       | 12.8                  |                 |           |           |
| Features                  | Drive   | Belt Drive                       |            |                       |                 |           |           |
|                           | Propeller   | 6-Stainless steel                |            |                       |                 |           |           |
|                           | Shutter   | Open-close way: push-pull device |            |                       |                 |           |           |
| Dimension (mm)            | A01   | 915                              |            |                       | 1270            |           |           |
|                           | A02   | 1000                             |            |                       | 1380            |           |           |
|                           | A03   | 1000                             |            |                       | 1380            |           |           |
|                           | A04   | 450                              |            |                       | 450             |           |           |
|                           | A05   | 500                              |            |                       | 500             |           |           |
|                           | Dimension of opening (mm)   | 1020x1020                        |            |                       | 1400x1400       |           |           |

# BL SERIES



| Model No.                 |                           | BL915B2-077-00        |            |           | BL1270B2-081-00       |            |           |
|---------------------------|---------------------------|-----------------------|------------|-----------|-----------------------|------------|-----------|
| Diameter of blades (inch) |                           | 36"                   |            |           | 50"                   |            |           |
| Motor*                    | Voltage (V)               | 380                   | 230 / 460  | 115 / 230 | 380                   | 230 / 460  | 115 / 230 |
|                           | Hertz (Hz)                | 50                    | 60         |           | 50                    | 60         |           |
|                           | Phase                     | 3                     | 3          | 1         | 3                     | 3          | 1         |
|                           | Power (KW)                | 0.55                  |            |           | 1.1                   |            |           |
|                           | Current @ 0Pa / inH2O (A) | 1.7                   |            |           | 3                     |            |           |
| Performance               | Pressure                  | Airflow               |            |           | Airflow               |            |           |
|                           | Pa / inH2O                | (m <sup>3</sup> /hr.) | (cfm)      |           | (m <sup>3</sup> /hr.) | (cfm)      |           |
|                           | 0 / 0                     | 20483                 | 12050      |           | 44084                 | 25930      |           |
|                           | -25 / -0.1                | 17616                 | 10360      |           | 40125                 | 23600      |           |
|                           | -50 / -0.2                | 14570                 | 8570       |           | 34561                 | 20330      |           |
|                           | Efficiency                | (cmh/ Watt)           | (cfm/Watt) |           | (cmh/ Watt)           | (cfm/Watt) |           |
|                           |                           | 26.3                  | 15.5       |           | 26.5                  | 15.6       |           |
| Features                  | Drive                     | Belt Drive            |            |           |                       |            |           |
|                           | Propeller                 | 6-Stainless steel     |            |           |                       |            |           |
|                           | Double door               | wind control          |            |           |                       |            |           |
| Dimension (mm)            | A01                       | 915                   |            |           | 1270                  |            |           |
|                           | A02                       | 1000                  |            |           | 1380                  |            |           |
|                           | A03                       | 1000                  |            |           | 1380                  |            |           |
|                           | A04                       | 300                   |            |           | 300                   |            |           |
|                           | A05                       | 1180                  |            |           | 1300                  |            |           |
|                           | Dimension of opening (mm) | 1020x1020             |            |           | 1400x1400             |            |           |

# BG SERIES

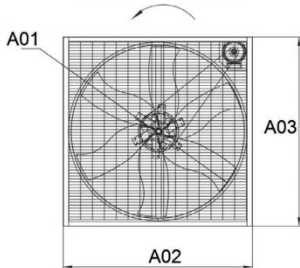


| Model No.                 |   | QG915B2-077-00        |            |                       | QG1270B2-081-00 |           |           |
|---------------------------|---|-----------------------|------------|-----------------------|-----------------|-----------|-----------|
| Diameter of blades (inch) |   | 36"                   |            |                       | 50"             |           |           |
| Motor*                    | Voltage (V)   | 380                   | 230 / 460  | 115 / 230             | 380             | 230 / 460 | 115 / 230 |
|                           | Hertz (Hz)  | 50                    | 60         |                       | 50              | 60        |           |
|                           | Phase   | 3                     | 3          | 1                     | 3               | 3         | 1         |
|                           | *36" and 50" options include other voltages not mentioned above, 1 phase or 3 phase, 50Hz or 60Hz |                       |            |                       |                 |           |           |
|                           | Power (KW)  | 0.55                  |            |                       | 1.1             |           |           |
| Current @ 0Pa / inH2O (A) | 1.5   |                       |            | 2.9                   |                 |           |           |
| Performance               | Airflow   | Airflow               |            |                       | Airflow         |           |           |
|                           |   | (m <sup>3</sup> /hr.) | (cfm)      | (m <sup>3</sup> /hr.) | (cfm)           |           |           |
|                           | Efficiency  | 20000                 | 11760      | 42000                 | 24700           |           |           |
|                           |   | (cmh/ Watt)           | (cfm/Watt) | (cmh/ Watt)           | (cfm/Watt)      |           |           |
| 25.0                      | 14.7  | 25.3                  | 14.9       |                       |                 |           |           |
| Features                  | Drive   | Belt Drive            |            |                       |                 |           |           |
|                           | Propeller   | 6-Stainless Steel     |            |                       |                 |           |           |
| Dimension (mm)            | A01   | 915                   |            |                       | 1270            |           |           |
|                           | A02   | 1000                  |            |                       | 1380            |           |           |
|                           | A03   | 1000                  |            |                       | 1380            |           |           |
|                           | A04   | 330                   |            |                       | 330             |           |           |

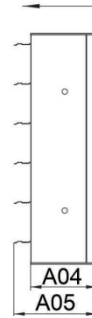
# QH SERIES



叶轮旋转方向



气流方向



| Model No.                 |  | QH750-4                |           |                       | QH900-4   |           |           | QH1000-4              |           |           | QH1100-4  |                       |           | QH1250-4  |           |           |  |
|---------------------------|--|------------------------|-----------|-----------------------|-----------|-----------|-----------|-----------------------|-----------|-----------|-----------|-----------------------|-----------|-----------|-----------|-----------|--|
| Diameter of blades (inch) |  | 30"                    |           |                       | 36"       |           |           | 40"                   |           |           | 44"       |                       |           | 50"       |           |           |  |
| Motor*                    | Voltage (V)  | 380                    | 230 / 460 | 115 / 230             | 380       | 230 / 460 | 115 / 230 | 380                   | 230 / 460 | 115 / 230 | 380       | 230 / 460             | 115 / 230 | 380       | 230 / 460 | 115 / 230 |  |
|                           | Hertz (Hz)   | 50                     | 60        |                       | 50        | 60        |           | 50                    | 60        |           | 50        | 60                    |           | 50        | 60        |           |  |
|                           | Phase  | 3                      | 3         | 1                     | 3         | 3         | 1         | 3                     | 3         | 1         | 3         | 3                     | 1         | 3         | 3         | 1         |  |
|                           | *30"~ 50" options include other voltages not mentioned above, 1 phase or 3 phase, 50Hz or 60Hz |                        |           |                       |           |           |           |                       |           |           |           |                       |           |           |           |           |  |
|                           | Power (KW)   | 0.55                   |           |                       | 0.55      |           |           | 0.75                  |           |           | 1.1       |                       |           | 1.1       |           |           |  |
| Speed (RPM)               | 1400   |                        |           | 1400                  |           |           | 1400      |                       |           | 1400      |           |                       | 1400      |           |           |           |  |
| Performance               | Airflow (m <sup>3</sup> /hr.)  | (cfm)                  |           | (m <sup>3</sup> /hr.) |           | (cfm)     |           | (m <sup>3</sup> /hr.) |           | (cfm)     |           | (m <sup>3</sup> /hr.) |           | (cfm)     |           |           |  |
|                           | Airflow @ 0 Pa / inH <sub>2</sub> O  | 19130                  | 11266     | 20000                 | 11778     | 28260     | 16643     | 33040                 | 19458     | 38260     | 22532     |                       |           |           |           |           |  |
|                           | Fan Speed (RPM)  | 616                    |           |                       | 513       |           |           | 513                   |           |           | 427       |                       |           | 427       |           |           |  |
| Features                  | Drive  | Belt Drive             |           |                       |           |           |           |                       |           |           |           |                       |           |           |           |           |  |
|                           | Propeller  | 6-Stainless steel      |           |                       |           |           |           |                       |           |           |           |                       |           |           |           |           |  |
|                           | Shutter  | Open-close way: Hammer |           |                       |           |           |           |                       |           |           |           |                       |           |           |           |           |  |
| Dimension (mm)            | A01  | 750                    |           |                       | 900       |           |           | 1000                  |           |           | 1100      |                       |           | 1250      |           |           |  |
|                           | A02  | 900                    |           |                       | 1000      |           |           | 1100                  |           |           | 1220      |                       |           | 1380      |           |           |  |
|                           | A03  | 900                    |           |                       | 1000      |           |           | 1100                  |           |           | 1220      |                       |           | 1380      |           |           |  |
|                           | A04  | 400                    |           |                       | 400       |           |           | 400                   |           |           | 400       |                       |           | 400       |           |           |  |
|                           | A05  | 500                    |           |                       | 500       |           |           | 500                   |           |           | 500       |                       |           | 500       |           |           |  |
|                           | Dimension of opening (mm)  | 920x920                |           |                       | 1020x1020 |           |           | 1120x1120             |           |           | 1240x1240 |                       |           | 1400x1400 |           |           |  |