



## PRODUCT DOCUMENT PACK

Prepared and distributed by KW Commercial Kitchen

### PRODUCT

**Blizzard SN-420P Air-Cooled Ice Maker – 189kg/24hr, Cube Ice with 125kg Bin**

**Model / SKU: SN-420P**

#### KW COMMERCIAL KITCHEN

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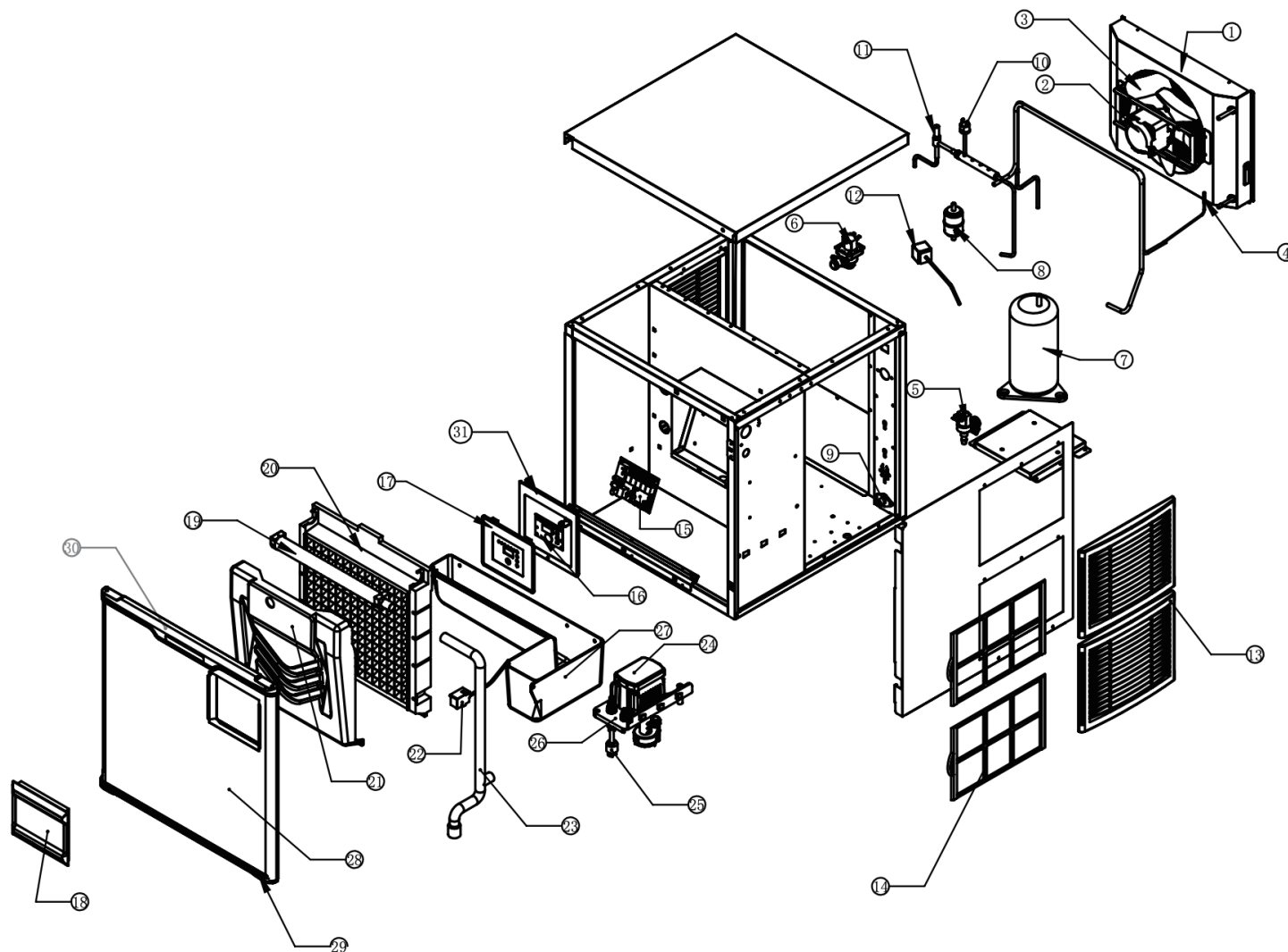
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# SN-420P EXPLODED DIAGRAM



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# SN-420P PARTS LIST

| Item |           | FHE Part Code     | Description                                                           | Remark                     |
|------|-----------|-------------------|-----------------------------------------------------------------------|----------------------------|
| 1*   |           | SK-420P-Condenser | Condenser 06.0.0082-00 Using EBM Fan Motor                            |                            |
| 2*   |           | SN-420P-FM        | EBMPAPST Fan Motor M4Q045-DA01-01/A30 230VAC 50/60HZ 18W 06.1.0051-01 |                            |
| 3    |           | 06.1.0030-00      | Fan Blade Φ254 34° Aluminum                                           |                            |
| 4*   |           | 08.1.0025-00      | Condensation Sensor 1000MM                                            |                            |
| 5*   |           | SK-420P-48        | Water Inlet Valve 220~240V 6W 50/60HZ 10150053 4L/MIN 06.6.0037-00    |                            |
| 6*   |           | SK-500P-62        | Drain Valve DSV12N-2LSX-240M 220V 50/60HZ 12W 06.6.0055-00            |                            |
| 7*   | Version 1 | 66400094          | Compressor                                                            | Corresponding version:2019 |
|      | Version 2 | DSD145XV-F6AUN    | Compressor R404A 06.2.0106-00/06.2.0256-00                            | From version:2022          |
| 8    |           | 06.5.0053-00      | Filter Dryer φ19*150*3.1*6.5                                          |                            |
| 9    |           | 04.5.0013-00      | Plastic Water Connector Black Nylon M26 M20 M1018                     |                            |
| 10*  |           | 08.1.0093-00      | High Pressure Switch YK-2.4/1.9 2.4MPa-1.9MPa Wireless                |                            |
| 11   |           | 06.4.0002-00      | Defrosting Valve Body 6A Outlet Inner Diameter 6.5 mm                 |                            |
| 12*  |           | SK-420P-50        | Defrost Valve 06.4.0043-00 Coil: 220-240VAC 50/60HZ 6A 1100MM         |                            |
| 13   |           | 04.0.0112-00      | Plastic Ventilation Window M1075                                      |                            |
| 14*  |           | 04.0.0115-00      | Ventilation Window Filter Mesh M1035                                  |                            |

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| Item |  | FHE Part Code | Description                                        |                                                                                                                                                                                                                                                                            | Remark                                                                                                                                                                                                                                 |
|------|--|---------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15*  |  | SN-80P-PCB-V2 | PC Board PC-446<br>08.0.0142-01                    | <b>PCB Version History:</b><br><br>PC-400402: 2014-2016.July<br>PC-400405: 2016.July-2019.July<br>PC-401: 2019.July-2019.Oct<br>PC-403: 2019.Oct~2020.Oct<br>PC-441: 2020.Jun ~2021.Apr<br>PC-443: 2020.Oct~ 2021.Apr<br>PC-445: 2021.Apr~2022.Oct<br>PC-446: 2021.Oct-Now | <b>PC-400402 has no substitute, no longer available</b><br><br>-----<br><b>From PC-400405 to PC-445, all replaced by PC-446, and control panel assembly (54.0.0111-00) with version PD-321B needs to be replaced at the same time.</b> |
|      |  | N/A           | Transfer line                                      | Required Only for PC-400405 version replacement                                                                                                                                                                                                                            |                                                                                                                                                                                                                                        |
| 16*  |  | 08.0.0109-04  | Display Board PD-321B                              |                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                        |
| 17   |  | 04.0.0091-00  | Electrical Control Fixing Plate M1109              |                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                        |
| 18   |  | 04.0.0086-00  | Control Panel Frame M1025                          |                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                        |
| 19   |  | 04.0.0202-05  | Spray Pipe                                         |                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                        |
| 20*  |  | SK-420P-Evap  | Evaporator -420; 13 Rows * 14 Columns 06.3.0012-01 |                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                        |
| 21   |  | 04.0.0214-00  | Skateboard White                                   |                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                        |
| 22*  |  | 08.1.0107-00  | Ice Full Sensor Hall, 750MM                        |                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                        |
| 23   |  | 03.0.0008-00  | Water Supply Pipe                                  |                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                        |

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| Item | FHE Part Code      | Description                                                                     | Remark                                                                      |
|------|--------------------|---------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| 24*  | SK-420P-WP         | Water Pump Assembly -350/420 220V/50HZ 55.0.0083-00                             |                                                                             |
| 25*  | 08.1.0065-02       | Water Temperature & Level Sensor Hall CGT-1CB 290mm                             |                                                                             |
| 26   | 04.0.0084-00       | Fixing Plate of Water Sink & Pump M1077, 350P                                   |                                                                             |
| 27   | 04.0.0075-00       | Water Sink 350, M5004                                                           |                                                                             |
| 28   | 50.0.0132-00       | Door Component SUS304-0.5*550.6*625.8mm                                         |                                                                             |
| 29   | 04.0.0289-00       | Door Plastic Bottom Lid -560MM                                                  | From Version 2024                                                           |
| 30   | 04.0.0288-00       | Door Plastic Top Lid -560MM                                                     | From Version 2024                                                           |
| 31   | 02.0.0556-00       | Electrical Box Cover SUS304-0.6*200.7*202.2                                     |                                                                             |
|      | SK-Water Filter 2  | Water Filter                                                                    |                                                                             |
|      | SN-B305-AIB        | Complete Ice Bin Suit SN-420P                                                   |                                                                             |
|      | SN-420P-DSS        | Drain Sink Stopper                                                              |                                                                             |
|      | SN-420P-FS         | Float Switch 4 Pin Also Suit 420P 700P 1000P                                    |                                                                             |
|      | SK-500P-FB         | Float Switch 4 Pin Also Suit 420P 700P 1000P                                    |                                                                             |
|      | Ice Full Switch    | Ice Full Switch 2 Wires                                                         |                                                                             |
|      | ICE FULL SWITCH-3W | Ice Full Switch 3 Wires 1390MM 08.1.0106-00                                     | ICE FULL SWITCH-3W is replaceable with Ice Full Switch; the reverse is not. |
|      | 54.0.0111-00       | Control Panel Assembly (Item 16 08.0.0109-04 and Item 17 04.0.0091-00 included) |                                                                             |

\*Wearable Parts

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