## **HEAT PUMPS FOR LARGE SPACES**

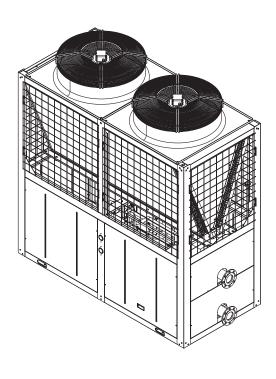


## **NEOHEAT HEAVY HEAT PUMP**

NEOHEAT H NEOHEAT 40 H | NEOHEAT 65 H | NEOHEAT 90 H



A Monoblock type heat pump consisting only of a powerful outdoor unit and control system. It is a solution for larger spaces such as schools, office buildings, public buildings. The Heavy heat pump is a device, water tank and controller. The entire hot water system can be controlled from the control panel.





| NAME OF THE SERIES              |         |                     | NEOHEAT HEAVY   |                       |
|---------------------------------|---------|---------------------|-----------------|-----------------------|
| TYPE                            | 1       | NEOHEAT 40          | NEOHEAT 65      | NEOHEAT 90            |
| Refrigerant                     |         | R410A               | R410A           | R410A                 |
| Power supply                    | V/HZ/PH | 380V/50HZ/3Ph       | 380V/50HZ/3Ph   | 380V/50HZ/3Ph         |
| Heating capacity (1)            | kW      | 39.80               | 65.00           | 90.00                 |
| Input power (1)                 | kW      | 8.40                | 16.50           | 20.69                 |
| Counter-current protection (1)  | А       | 15                  | 31.4            | 37                    |
| COP (1)                         | W/W     | 4.73                | 4.47            | 4.35                  |
| Heating capacity (2)            | kW      | 34.10               | 65.00           | 79.57                 |
| Input power (2)                 | kW      | 9.68                | 17.50           | 22.93                 |
| Counter-current protection (2)  | А       | 17                  | 36              | 34.84                 |
| COP (2)                         | W/W     | 3.52                | 3.71            | 3.47                  |
| Heating capacity (3)            | kW      | 21.20               | 42.00           | 52.00                 |
| Input power (3)                 | kW      | 8.56                | 15.50           | 22.41                 |
| Counter-current protection (3)  | А       | 15.5                | 33.8            | 34.1                  |
| COP (3)                         | W/W     | 2.48                | 2.64            | 2.32                  |
| Cooling capacity (4)            | kW      | 21.63               | 42.00           | 55.10                 |
| Input power (4)                 | kW      | 8.73                | 18.90           | 24.23                 |
| Counter-current protection (4)  | А       | 15.5                | 37.2            | 46.09                 |
| COP (4)                         | W/W     | 2.48                | 2.21            | 2.27                  |
| Max. input power                | kW      | 14.00               | 25.00           | 35.00                 |
| Max. counter-current protection | А       | 23.5                | 46              | 55.2                  |
| Working temperature range       | οС      | -25~45              | -25~45          | -25~45                |
| Max. water temperature          | оС      | 60                  | 60              | 60                    |
| Heat circuit connection         | inch    | G1-1/2"             | G2"             | G2-1/2"               |
| Max. water pressure             | MPa     | 0.7                 | 0.7             | 0.7                   |
| Noise level                     | dB(A)   | 65                  | 68              | 69                    |
| IP class                        |         | IPX4                | IPX4            | IPX4                  |
| Net dimensions [L x W x H]      | mm      | 1,588 x 860 x 1,456 | 2,000 x 2,030 x | 2,175 x 2,216 x 1,100 |
| Net weight                      | kg      | 320                 | 720             | 900                   |

<sup>(1)</sup> Hot water is tested on the basis of conditions: DB/WB 20°C/15°C, the target water temperature is 50°C. Hot water is tested on the basis of conditions: DB/WB 20°C/15°C, the target water temperature is 50°C.

<sup>(2)</sup> Water inlet temperature: 40°C/45°C, ambient temperature: DB 7°C/WB 6°C.

<sup>(3)</sup> Output water temperature: 41°C, ambient temperature: DB-12°C/WB-14°C.

<sup>(4)</sup> Power output temperature:  $7^{\circ}$ C, ambient temperature: DB35 $^{\circ}$ C.

<sup>(5)</sup> The specifications are subject to change. The stickers on the device are a reference to the current data.