

Heat Pump Specifications



Performance Data

Air 27°C
Water 26°C

		C42SS	C52SS	C65SS	C95	C120	C145	C200
Heating Capacity	kW	41.53	51.37	63.38	103.82	131.14	158.47	207.65
Consumed Power	kW	7.02	8.73	12.87	16.24	21.22	25.67	33.11
COP		5.92	5.88	4.92	6.39	6.18	6.17	6.27

Air 15°C
Water 26°C

Heating Capacity	kW	32.39	40.07	49.44	80.86	101.29	122.61	160.79
Consumed Power	kW	6.99	8.69	12.75	16.07	20.87	25.21	32.54
COP		4.63	4.61	3.88	5.03	4.85	4.86	4.94

Air 35°C
Water 29°C

Cooling Capacity	kW	24.76	31.34	37.79	61.89	78.18	94.47	123.79
Consumed Power	kW	7.94	9.86	14.51	18.25	23.81	28.91	37.35
EER		3.12	3.18	2.6	3.39	3.28	3.27	3.31

Operating Air Temperature °C -7.0 ~ 43.0

Refrigerant R32 GWP (global warming potential) – 675

IPX rating IPX4

Airflow m3/h 11000 11000 11000 20000 20000 25800 38000

Sound Pressure at 1m dB(A) 61 61 61 61 62 71 73

Net Dimensions (L x W x H) mm 1490 x 735 x 1130 1490 x 735 x 1130 1490 x 735 x 1130 2180 x 1080 x 1930 2175 x 1070 x 2030 2175 x 1070 x 2030 2180 x 1070 x 2060

Shipping Dimensions (L x W x H) mm 1520 x 790 x 1360 1520 x 790 x 1360 1520 x 790 x 1360 2270 x 1170 x 2040 2300 x 1200 x 2060 2330 x 1220 x 2200 2310 x 1100 x 2160

Net / Shipping Weight Kg 252 / 286 254 / 295 257 / 297 668 / 608 678 / 708 678 / 708 960 / 990

Power Supply V/Ph/Hz 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50 400/3/50

Electrical

Electrical Connection Hardwired Hardwired Hardwired Hardwired Hardwired Hardwired Hardwired

Running Current Input (per phase) amp 11.5 16.6 23 28.8 38 46 70.8

Direction Vertical Vertical Vertical Vertical Vertical Vertical Vertical

Fan

Quantity 2 2 2 3 2 2 2

Rotate Speed RPM 830 830 830 750 750 700 760

Water

Connection mm 50 50 50 110 110 110 110

Flow Volume l/m 200 250 333 467 585 700 830

Pressure Drop (max) kPa 25.0 25.0 25.0 16.0 16.0 16.0 18.0