

| Model: | HTC70 | | | | | | |
|---|--------------------------------|---------|--------|-----------------------------------|---------|---------|---------|
| Refrigerant: | R134a | | R407C | | R22 | | |
| Reference temperature: | Dew point temperature | | | | | | |
| Calculation mode: | Refrigeration / Air Cond. | | | | | | |
| Operating mode: | Subcritical | | | | | | |
| Condenser Inlet Air Temperature: | °C | 35 | 40 | 35 | 40 | 35 | 40 |
| Liquid subcooling: | K | | | 5 | | | |
| Evaporating temperature: | °C | | | 5 | | | |
| Suction gas superheating: | K | | | 10 | | | |
| Useful fraction of superheating: | % | | | 100 | | | |
| Compressors: | Compact twin screw compressors | | | | | | |
| fixed speed compressors: | Soft starter | | | | | | |
| *variable speed compressors: | Compatible with VFD | | | | | | |
| Refrigerating capacity | kW | 124.019 | 113.88 | 164.878 | 151.133 | 174.726 | 158.811 |
| Power input | kW | 37.52 | 40.66 | 53.95 | 59.86 | 53.35 | 58.52 |
| Current | A | 78.9 | 83.42 | 103.1 | 112.14 | 102.49 | 110.06 |
| COP/EER of compressors: | | 2.70 | 2.32 | 2.64 | 2.21 | 2.83 | 2.37 |
| ESEER | | | | | | | |
| Mass flow | kg/h | 3058 | 2965 | 3711 | 3597 | 3968 | 3769 |
| Operating frequency | Hz | | | 50 | | | |
| Power supply | - | | | 400/3/50/PWS | | | |
| Selection mode | - | | | Refrigeration / Air Cond. | | | |
| Operating mode | - | | | 100% of the capacity | | | |
| Ratio (%) | % | | | 100.00% | | | |
| Capacity control | | | | Step or stepless capacity control | | | |
| Note | | | | - | | | |
| Oil Heater | w | | | 150 | | | |
| Heat Exchanged (oil Cooler) | kW | | | - | | | |
| Water Side Heat Exchanger pressure drop | Pa | | | | | | |
| Water Flow rate | m ³ /h | | | | | | |
| Evaporator: | | | | Shell and Tube | | | |
| Ambient Air Inlet Temperature: | | | | -15 ~ +52 | | | |
| Fan: | | | | Direct-Driven Hi Blade | | | |
| of fixed speed fan: | n° | | | 4 | | | |
| *of variable speed Fan: | n° | | | 1 | | | |
| n° of fan | n° | | | 4 | | | |
| Power input fan | W | | | 2300 | | | |
| Length | mm | | | 2088 | | | |
| Width | mm | | | 1962 | | | |
| Height | mm | | | 2580 | | | |
| Sound Level | db | | | | | | |

* optional