

| MODEL: KTN-09CH/KTG-09CH | | | | If function includes heating: Indicate the heating season the information relates to. Indicated values should relate to one heating season at a time. Include at least the heating season 'Average'. | | | |
|--|---|---------------|------|--|-----------------|------------|-----------------------|
| Cooling | | Y | | Average (mandatory) | | Y | |
| Heating | | Y | | Warmer (if designed) | | Y | |
| | | | | Colder (if designed) | | Y | |
| Item | symbol | value | unit | Item | symbol | value | unit |
| Design load | | | | Seasonal efficiency | | | |
| Cooling | Pdesignc | 2.7 | kW | Cooling | SEER | 8.5 | - |
| Heating/Average | Pdesignh | 2.7 | kW | Heating/Average | SCOP/A | 4.6 | - |
| Heating/Warmer | Pdesignh | 2.9 | kW | Heating/Warmer | SCOP/W | 5.7 | - |
| Heating/Colder | Pdesignh | N/A | kW | Heating/Colder | SCOP/C | N/A | - |
| Declared capacity (*) for cooling, at indoor temperature 27(19) °C and outdoor temperature Tj | | | | Declared energy efficiency ratio (*), at indoor temperature 27(19) °C and outdoor temperature Tj | | | |
| Tj = 35 °C | Pdc | 2.76 | kW | Tj = 35 °C | EERd | 4.13 | - |
| Tj = 30 °C | Pdc | 2.09 | kW | Tj = 30 °C | EERd | 6.25 | - |
| Tj = 25 °C | Pdc | 1.23 | kW | Tj = 25 °C | EERd | 10.58 | - |
| Tj = 20 °C | Pdc | 0.83 | kW | Tj = 20 °C | EERd | 16.59 | - |
| Declared capacity (*) for heating/Average season, at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance (*)/Average season, at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = - 7 °C | Pdh | 2.39 | kW | Tj = - 7 °C | COPd | 3.05 | - |
| Tj = 2 °C | Pdh | 1.47 | kW | Tj = 2 °C | COPd | 4.60 | - |
| Tj = 7 °C | Pdh | 0.93 | kW | Tj = 7 °C | COPd | 5.75 | - |
| Tj = 12 °C | Pdh | 0.89 | kW | Tj = 12 °C | COPd | 7.05 | - |
| Tj = operating limit | Pdh | 2.75 | kW | Tj = operating limit | COPd | 2.60 | - |
| Tj = bivalent temperature | Pdh | 2.75 | kW | Tj = bivalent temperature | COPd | 2.60 | - |
| Declared capacity (*) for heating/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance (*)/Warmer season, at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = 2 °C | Pdh | 2.99 | kW | Tj = 2 °C | COPd | 2.58 | - |
| Tj = 7 °C | Pdh | 1.86 | kW | Tj = 7 °C | COPd | 5.32 | - |
| Tj = 12 °C | Pdh | 0.89 | kW | Tj = 12 °C | COPd | 7.05 | - |
| Tj = operating limit | Pdh | 2.99 | kW | Tj = operating limit | COPd | 2.58 | - |
| Tj = bivalent temperature | Pdh | 2.99 | kW | Tj = bivalent temperature | COPd | 2.58 | - |
| Declared capacity (*) for heating/Colder season, at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance (*)/Colder season, at indoor temperature 20 °C and outdoor temperature Tj | | | |
| Tj = - 7 °C | Pdh | N/A | kW | Tj = - 7 °C | COPd | N/A | - |
| Tj = 2 °C | Pdh | N/A | kW | Tj = 2 °C | COPd | N/A | - |
| Tj = 7 °C | Pdh | N/A | kW | Tj = 7 °C | COPd | N/A | - |
| Tj = 12 °C | Pdh | N/A | kW | Tj = 12 °C | COPd | N/A | - |
| Tj = operating limit | Pdh | N/A | kW | Tj = operating limit | COPd | N/A | - |
| Tj = bivalent temperature | Pdh | N/A | kW | Tj = bivalent temperature | COPd | N/A | - |
| Tj = - 15 °C | Pdh | N/A | kW | Tj = - 15 °C | COPd | N/A | - |
| Bivalent temperature | | | | Operating limit temperature | | | |
| Heating/Average | Tbiv | -10 | °C | Heating/Average | Tol | -10 | °C |
| Heating/Warmer | Tbiv | 2 | °C | Heating/Warmer | Tol | 2 | °C |
| Heating/Colder | Tbiv | N/A | °C | Heating/Colder | Tol | N/A | °C |
| Cycling interval capacity | | | | Cycling interval efficiency | | | |
| For Cooling | Pcycc | x,x | kW | For Cooling | EERcyc | x,x | - |
| For Heating | Pcyh | x,x | kW | For Heating | COPcyc | x,x | - |
| Degradation co-efficient cooling (**) | Cdc | 0.25 | - | Degradation co-efficient cooling (**) | Cdh | 0.25 | - |
| Electric power input in power modes other than 'active mode' | | | | Annual electricity consumption | | | |
| Off Mode | P _{OFF} | 0.0023 | kW | Cooling | Q _{CE} | 111 | kWh/a |
| Standby Mode | P _{SB} | 0.0023 | kW | Heating/Average | Q _{HE} | 822 | kWh/a |
| Thermostat-Off Mode | P _{TO} | 0.0050/0.0129 | kW | Heating/Warmer | Q _{HE} | 712 | kWh/a |
| Crankcase Heater Mode | P _{CK} | 0 | kW | Heating/Colder | Q _{HE} | N/A | kWh/a |
| Capacity control (indicate one of three options) | | | | Other items | | | |
| Fixed | N | | | Sound power level (indoor/outdoor) | L _{WA} | (57/61) | dB(A) |
| Staged | N | | | Global warming potential | GWP | 675 | kgCO _{2e} q. |
| Variable | Y | | | Rated air flow (indoor/outdoor) | - | (610/1950) | m ³ / h |
| Contact details for obtaining more information | TOYOTOMI CO., LTD. 5-17, MOMOZONO-CHO MIZUHO-KU, NAGOYA, 467-0855 JAPAN | | | | | | |
| (*) For staged capacity units, two values divided by a slash (/) will be declared in each box in the section 'Declared capacity of the unit' and 'declared EER/COP' of the unit. | | | | | | | |
| (**) If default Cd = 0,25 is chosen then (results from) cycling tests are not required. Otherwise either the heating or cooling cycling test value is required. | | | | | | | |