

| MODEL: CTN-356W / CTG-356W   |   |              |      | 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)   |                 | N         |                        |
| Item   | symbol  | value        | unit | Item   | symbol          | value     | unit                   |
| Design load  |   |              |      | Seasonal efficiency  |                 |           |                        |
| Cooling  | Pdesignc  | 5.1          | kW   | Cooling  | SEER            | 8.5       | -                      |
| Heating/Average  | Pdesignh  | 4.1          | kW   | Heating/Average  | SCOP/A          | 4.6       | -                      |
| Heating/Warmer   | Pdesignh  | 4.3          | kW   | Heating/Warmer   | SCOP/W          | 5.8       | -                      |
| 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   | 5.36         | kW   | Tj = 35 °C   | EERd            | 3.71      | -                      |
| Tj = 30 °C   | Pdc   | 3.93         | kW   | Tj = 30 °C   | EERd            | 5.66      | -                      |
| Tj = 25 °C   | Pdc   | 2.54         | kW   | Tj = 25 °C   | EERd            | 11.30     | -                      |
| Tj = 20 °C   | Pdc   | 1.31         | kW   | Tj = 20 °C   | EERd            | 16.51     | -                      |
| 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   | 3.61         | kW   | Tj = - 7 °C  | COPd            | 2.95      | -                      |
| Tj = 2 °C  | Pdh   | 2.22         | kW   | Tj = 2 °C  | COPd            | 4.62      | -                      |
| Tj = 7 °C  | Pdh   | 1.44         | kW   | Tj = 7 °C  | COPd            | 5.82      | -                      |
| Tj = 12 °C   | Pdh   | 1.31         | kW   | Tj = 12 °C   | COPd            | 7.10      | -                      |
| Tj = operating limit   | Pdh   | 4.10         | kW   | Tj = operating limit   | COPd            | 2.48      | -                      |
| Tj = bivalent temperature  | Pdh   | 4.10         | kW   | Tj = bivalent temperature  | COPd            | 2.48      | -                      |
| 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   | 4.30         | kW   | Tj = 2 °C  | COPd            | 3.01      | -                      |
| Tj = 7 °C  | Pdh   | 2.76         | kW   | Tj = 7 °C  | COPd            | 5.30      | -                      |
| Tj = 12 °C   | Pdh   | 1.31         | kW   | Tj = 12 °C   | COPd            | 7.10      | -                      |
| Tj = operating limit   | Pdh   | 4.30         | kW   | Tj = operating limit   | COPd            | 3.01      | -                      |
| Tj = bivalent temperature  | Pdh   | 4.30         | kW   | Tj = bivalent temperature  | COPd            | 3.01      | -                      |
| 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   | 3.06         | kW   | Tj = - 7 °C  | COPd            | 3.00      | -                      |
| Tj = 2 °C  | Pdh   | 1.84         | kW   | Tj = 2 °C  | COPd            | 4.67      | -                      |
| Tj = 7 °C  | Pdh   | 1.21         | kW   | Tj = 7 °C  | COPd            | 5.10      | -                      |
| Tj = 12 °C   | Pdh   | 1.31         | kW   | Tj = 12 °C   | COPd            | 7.10      | -                      |
| Tj = operating limit   | Pdh   | 3.20         | kW   | Tj = operating limit   | COPd            | 1.75      | -                      |
| Tj = bivalent temperature  | Pdh   | 3.42         | kW   | Tj = bivalent temperature  | COPd            | 2.55      | -                      |
| Tj = - 15 °C   | Pdh   | 3.85         | kW   | Tj = - 15 °C   | COPd            | 2.05      | -                      |
| 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  | -10          | °C   | Heating/Colder   | Tol             | -22       | °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 <sub>OFF</sub>  | 0.002        | kW   | Cooling  | Q <sub>CE</sub> | 210       | kWh/a                  |
| Standby Mode   | P <sub>SB</sub>   | 0.002        | kW   | Heating/Average  | Q <sub>HE</sub> | 1248      | kWh/a                  |
| Thermostat-Off Mode  | P <sub>TO</sub>   | 0.006/0.0135 | kW   | Heating/Warmer   | Q <sub>HE</sub> | 1038      | kWh/a                  |
| Crankcase Heater Mode  | P <sub>CK</sub>   | 0            | kW   | Heating/Colder   | Q <sub>HE</sub> | N/A       | kWh/a                  |
| Capacity control (indicate one of three options)   |   |              |      | Other items  |                 |           |                        |
| Fixed  | N   |              |      | Sound power level (indoor/outdoor)   | L <sub>WA</sub> | 60/65     | dB(A)                  |
| Staged   | N   |              |      | Global warming potential   | GWP             | 675       | kgCO <sub>2</sub> e q. |
| Variable   | Y   |              |      | Rated air flow (indoor/outdoor)  | -               | 1000/3000 | m <sup>3</sup> /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.                  |   |              |      |  |                 |           |                        |