



# PRODUCT PERFORMANCE RATING

**Document ID 022720201313-10849187**

Issued on 27 February 2020

This product is certified by Eurovent Certita Certification as mentioned on

**Certificate N° 18.06.007**

This document is valid at the date of issue - **Check the current validity on [www.eurovent-certification.com](http://www.eurovent-certification.com)**

|                   |                                                                    |
|-------------------|--------------------------------------------------------------------|
| Product           | Air Conditioners / Climatiseurs (AC)                               |
| Product type      | Comfort air conditioner below 12 kW/ air-cooled/ split/ reversible |
| Brand             | TOSHIBA                                                            |
| Range             | Bi flow                                                            |
| Product référence | RAS-18PAVSG-E/RAS-B18U2FVG-E1                                      |

This performance certificate is delivered for the following project:

| Project Name | Company   | Project reference                     | Project location |
|--------------|-----------|---------------------------------------|------------------|
| Hristov      | Cameo ltd | TOSHIBA RAS-B18U2FVG-E1_RAS-18PAVSG-E | Bulgaria         |

| FEATURE                                   | VALUE | UNIT |
|-------------------------------------------|-------|------|
| <b>STANDARD COOLING/COOLING PL COND A</b> |       |      |
| Pc                                        | 5.00  | kW   |
| Pec                                       | 1.75  | kW   |
| EER                                       | 2.86  |      |



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| FEATURE          | VALUE | UNIT |
|------------------|-------|------|
| STANDARD HEATING |       |      |
| Ph               | 6.00  | kW   |
| Peh              | 2.00  | kW   |
| COP              | 3.00  |      |

| FEATURE  | VALUE | UNIT  |
|----------|-------|-------|
| ACOUSTIC |       |       |
| LwO env  | 64    | dB(A) |
| Lwl1 env | 60    | dB(A) |

| FEATURE          | VALUE | UNIT |
|------------------|-------|------|
| COOLING PL CONDB |       |      |
| Pc @ 30°C        | 3.75  | kW   |
| EER @ 30°C       | 4.70  |      |



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| FEATURE          | VALUE | UNIT |
|------------------|-------|------|
| COOLING PL CONDC |       |      |
| Pc @ 25°C        | 2.37  | kW   |
| EER @ 25°C       | 7.31  |      |

| FEATURE          | VALUE | UNIT |
|------------------|-------|------|
| COOLING PL CONDD |       |      |
| Pc @ 20°C        | 1.50  | kW   |
| EER @ 20°C       | 11.74 |      |

| FEATURE                        | VALUE  | UNIT      |
|--------------------------------|--------|-----------|
| SEASONAL EFFICIENCY IN COOLING |        |           |
| Pdesignc                       | 5.00   | kW        |
| SEER                           | 6.20   |           |
| Qce                            | 282.00 | kWh/annum |
| SEER Class                     | A++    |           |



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| FEATURE          | VALUE | UNIT |
|------------------|-------|------|
| HEATING PL CONDA |       |      |
| Ph @ -7°C        | 3.54  | kW   |
| COP @ -7°C       | 2.42  |      |

| FEATURE          | VALUE | UNIT |
|------------------|-------|------|
| HEATING PL CONDB |       |      |
| Ph @ +2°C        | 2.15  | kW   |
| COP @ 2°C        | 3.92  |      |

| FEATURE          | VALUE | UNIT |
|------------------|-------|------|
| HEATING PL CONDC |       |      |
| Ph @ +7°C        | 1.37  | kW   |
| COP @ +7°C       | 5.60  |      |

| FEATURE          | VALUE | UNIT |
|------------------|-------|------|
| HEATING PL CONDD |       |      |
| Ph @ +12°C       | 1.38  | kW   |
| COP @ +12°C      | 6.88  |      |



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| FEATURE                 | VALUE   | UNIT      |
|-------------------------|---------|-----------|
| HEATING AVERAGE CLIMATE |         |           |
| Pdesignh                | 4.00    | kW        |
| SCOP                    | 4.00    |           |
| SCOP Class              | A+      |           |
| Qhe                     | 1399.00 | kWh/annum |

| FEATURE        | VALUE | UNIT |
|----------------|-------|------|
| BIVALENT POINT |       |      |
| Tbiv           | -7    | °C   |
| COP @ Tbiv     | 2.42  |      |
| Ph TBiv        | 3.54  | kW   |

| FEATURE         | VALUE  | UNIT |
|-----------------|--------|------|
| TOL RUNING TEST |        |      |
| TOL             | -15.00 | °C   |
| COP @ TOL       | 2.10   |      |
| Ph @ TOL        | 1.70   | kW   |



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| FEATURE | VALUE | UNIT |
|---------|-------|------|
| POFFC   |       |      |
| Poff    | 1.20  | W    |

| FEATURE | VALUE | UNIT |
|---------|-------|------|
| PSBC    |       |      |
| Psb     | 1.20  | W    |

| FEATURE | VALUE | UNIT |
|---------|-------|------|
| PTOC    |       |      |
| Pto     | 28.80 | W    |

| FEATURE           | VALUE    | UNIT |
|-------------------|----------|------|
| GENERAL           |          |      |
| Capacity Control  | Variable |      |
| Main Power Supply | 230-1-50 |      |
| Refrigerant       | R32      |      |
| Refr. Line        | 5.0 m    | m    |
| Mounting          | Console  |      |