

## SELECTION MATRIX

**environlite**

TSB4-T8-1700

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| CUSTOMER: | SITE / LOCATION / REFERENCE |
|-----------|-----------------------------|
|           |                             |

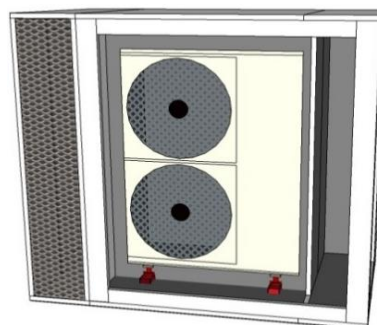
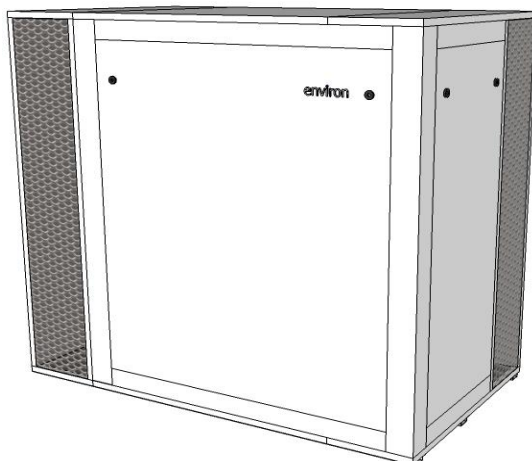
| ORIGINAL EQUIPMENT MANUFACTURERS PUBLISHED DATA                           |            |                |                                           |               |              |
|---------------------------------------------------------------------------|------------|----------------|-------------------------------------------|---------------|--------------|
| MAKE, MODEL, DIMENSIONS, AIR FLOW & SOUND PRESSURE LEVEL @1.0M FREE FIELD |            |                |                                           |               |              |
| MAKE:                                                                     |            | MODEL:         |                                           | AIR IN        | AIR OUT      |
| Toshiba                                                                   |            | RAV-SM1603AT-E |                                           | Rear & 1 Side | Front        |
| WIDTH (MM)                                                                | DEPTH (MM) | HEIGHT (MM)    | AIRFLOW (M <sup>3</sup> S <sup>-1</sup> ) | SPL dB(A)     | DISTANCE (M) |
| 900                                                                       | 320        | 1340           | 1.72                                      | 53            | 1            |

| INNER CUBE DIMENSIONS                     |              |             | ENCLOSURE DETAIL                          |                            |                           |
|-------------------------------------------|--------------|-------------|-------------------------------------------|----------------------------|---------------------------|
| 1050                                      | 400          | 1635        | 1700                                      | 1000                       | 1700                      |
| WIDTH (MM)                                | DEPTH (MM)   | HEIGHT (MM) | WIDTH (MM)                                | DEPTH (MM)                 | HEIGHT (MM)               |
| 1.72                                      | 1.0          | 53          | 1.72                                      | 1.0                        | 27                        |
| AIRFLOW (M <sup>3</sup> S <sup>-1</sup> ) | DISTANCE (M) | SPL dB(A)   | AIRFLOW (M <sup>3</sup> S <sup>-1</sup> ) | DISTANCE (M)               | SPL dB(A)                 |
| INLET AIRWAYS                             |              |             | DESIGN CRITERIA                           |                            |                           |
| 1635                                      | 275          | 1           | OK                                        | OK                         | OK                        |
| WIDTH (MM)                                | HEIGHT (MM)  | NO.         | UNIT SIZE                                 | OUTLET                     | INLET                     |
| OUTLET AIRWAYS                            |              |             | AIRFLOW INFORMATION                       |                            |                           |
| 275                                       | 1635         | 1           | 17                                        | 3.8                        | 3.8                       |
| WIDTH (MM)                                | HEIGHT (MM)  | NO.         | PD (NM <sup>2</sup> )                     | OUTLET (MS <sup>-1</sup> ) | INLET (MS <sup>-1</sup> ) |

Select Inlet &amp; Outlet Airway Sizes to Ensure Airflows are kept Below 6.0m/s

| ENCLOSURE INFORMATION          |  |  | WIDTH (MM) | DEPTH (MM)               | HEIGHT (MM) |
|--------------------------------|--|--|------------|--------------------------|-------------|
| INLET AIRWAY                   |  |  | 275        |                          | 1635        |
| OUTLET AIRWAY                  |  |  | 275        |                          | 1635        |
| EXTERNAL SIZE                  |  |  | 1700       | 1000                     | 1700        |
| NOISE LEVEL @ 1 M (Free Field) |  |  | 27         | SPL dB(A) SOUND PRESSURE |             |

## NOTES CONCERNING ENCLOSURE DESIGN



Environ acoustic designs are protected under patent

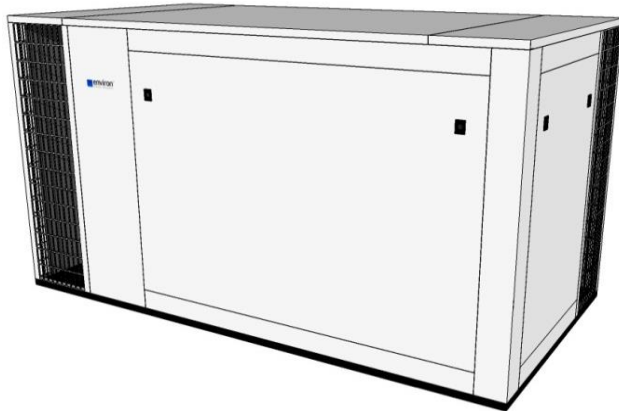
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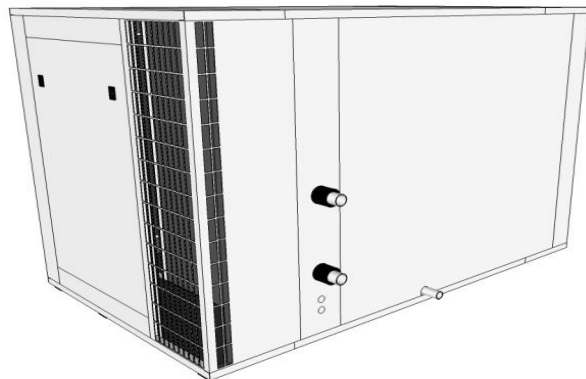
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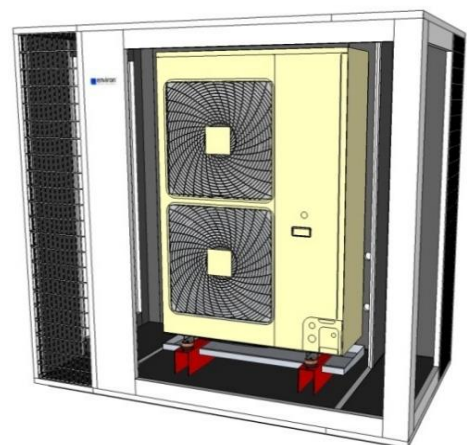


## Exterior Colour

Any RAL/BS Colour



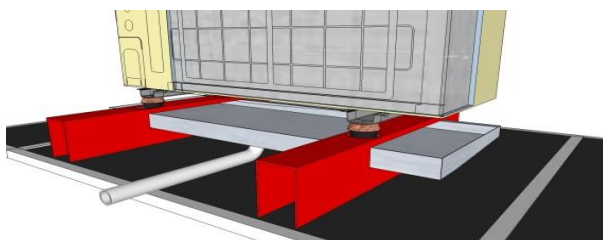
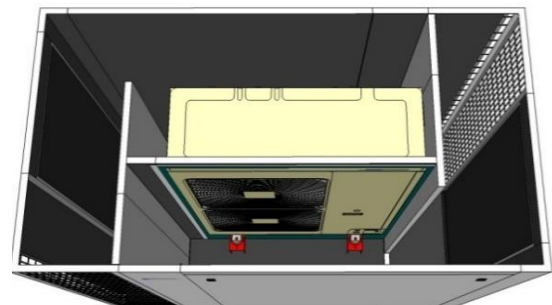
System/Electrical/Condensate Services



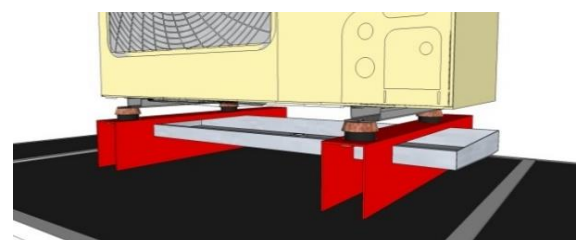
Service/Maintenance Access

## Balanced Air Flow

Internal Plenum Seals stop  
Air Recirculation



Condensate Drain Pan  
Drain Pan Heater Tape



Anti Vibration Mounts

## Optional Extras

*Environ acoustic designs are protected under patent*

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