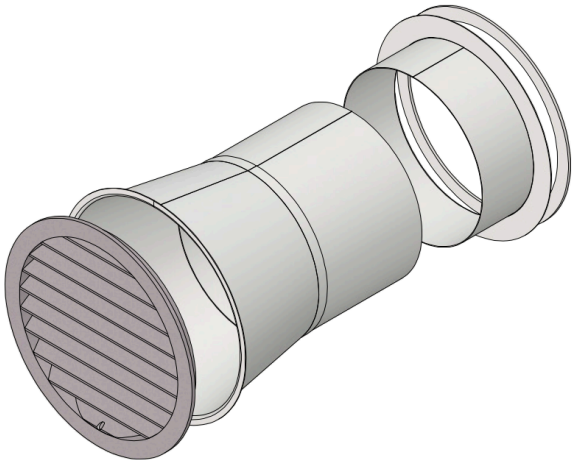
AIO® RLA8 Round Louver Assembly for AIO® Ceiling, Vertical, and Wall Mounted (Gen 3) Units

Product Data Sheet



innova

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AIO® RLA8 ROUND LOUVER ASSEMBLY FOR AIO® CEILING, VERTICAL, AND WALL MOUNTED (GEN 3) UNITS

The RLA8 is certified for use with the INNOVA AIO® Wall Mounted units for external venting. The three-part assembly consists of an outer sleeve, an inner sleeve, and a cast aluminum louver. The entire assembly is delivered in any custom color in a baked enamel factory finish.

⚠WARNING

Only qualified professionals should install and service this equipment. Improper installation or modifications by an unqualified person could result in death or serious injury. When working on the equipment, observe all precautions in the installation manual and labels attached to the equipment.

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1. OUTER SLEEVE

- .032" (0.8 mm) smooth aluminum
- Pitched for water drainage
- See the chart for length

2. INNER SLEEVE

- .032" (0.8 mm) smooth aluminum
- Sealing the rubber gasket on the flange to the AIO® unit (Field Applied)

3. LOUVER

- .125" (3.2 mm) cast aluminum with integral full perimeter flange
- 304 stainless steel pest screen

4. INSTALLATION

The outer sleeve mates with the cast aluminum louver and tapers to accommodate the inner sleeve.

The inner sleeve slides (a maximum of 2.5" [63.5 mm] into the outer sleeve) to provide adjustable depth wall thicknesses and can be purchased in lengths to accommodate a variety of wall thicknesses.

The rough opening for the assembly is 8" (203.2 mm) clear inside dimension. Installation is completed by installing the outer sleeve and louver onto the wall and insulating the annular space around the taper of the outer sleeve and the insert sleeve.

The assembly can be secured by using internal screws (not included) to sandwich the wall between the inner and outer flanges. Seal the top and sides of the louver (8 o'clock to 4 o'clock), leaving the bottom open. Do not fully seal the louver, as that can prevent water from escaping the sleeve.

Figure 1.

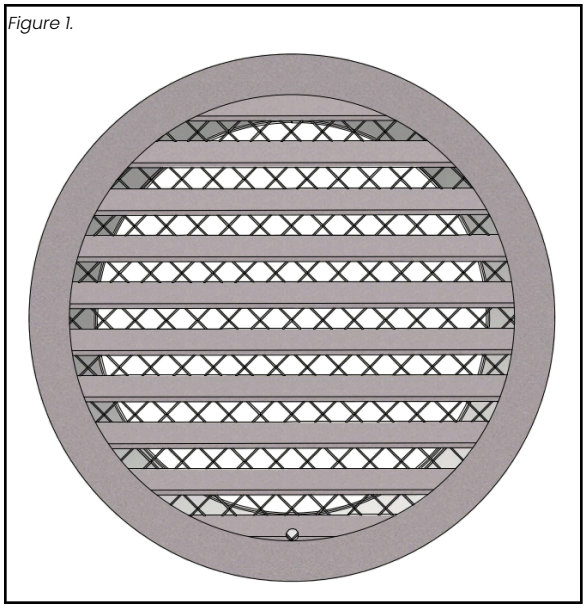
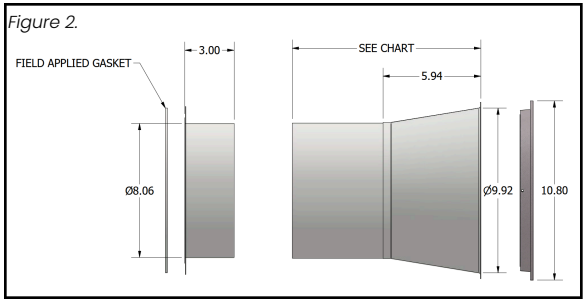


Figure 2.



Two assemblies are required for each AIO® series unit.

5. ROUND LOUVER ADAPTER

Figure 3.

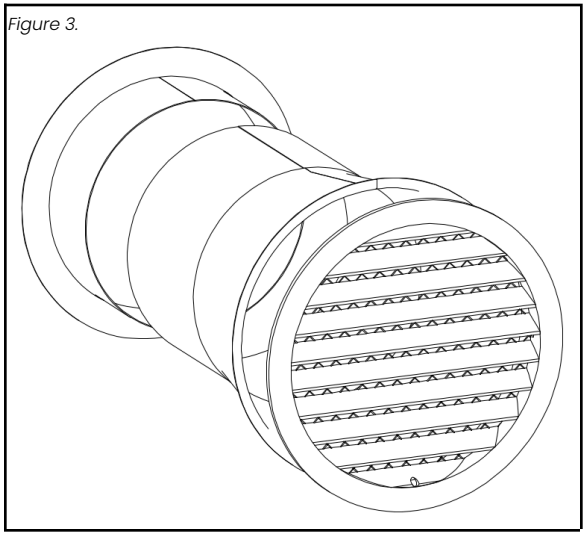


Figure 4.

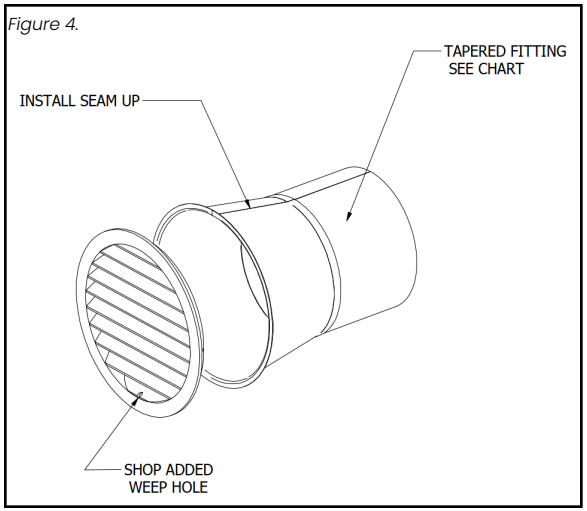
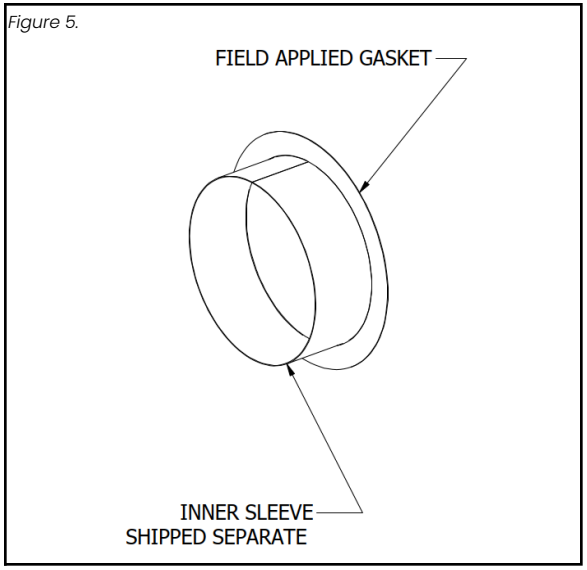


Figure 5.



5.1 Part number per length

- **EP-RLA08-6:** 6-7.5" inch (152.4 - 190.5 mm)
- **EP-RLA08-10:** 8-10" inch (203.2 - 254 mm)
- **EP-RLA08-14:** 11-14" inch (279.4 - 355.6 mm)
- **EP-RLA08-18:** 15-18" inch (381 - 457.2 mm)

5.2 Part details

- **PART DESCRIPTION:** ROUND LOUVER ADAPTER
- **PART NUMBER:** EP-RLA-8
- **REV. LEVEL:** 4
- **MATERIAL/ ALLOY:** .030 ALUMINUM
- **MFG. PROCESS:** ASSEMBLY
- **CONFIGURATION:** ASSEMBLY

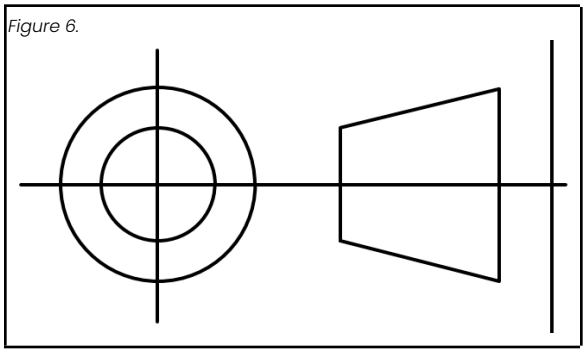
5.3 General

Unless otherwise specified:

- .0 +/- .0625
- .00 +/- .032
- .000 +/- .015
- ANGLE +/- 2 DEG
- RADIUS +/- 20%
- CHAMFER +/- 20%

Third angle projection:

Figure 6.



Measuring system:

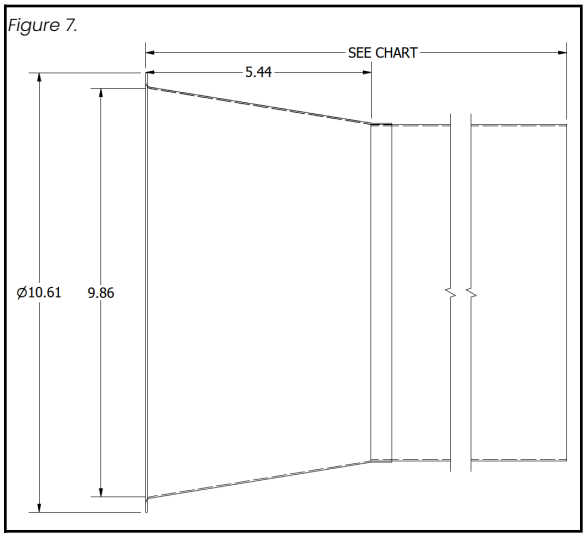
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6. TAPERED FITTING

Figure 7.



6.1 Part number per length

- **EP-RLA08-6:** 6-7.5" inch (152.4 - 190.5 mm)
- **EP-RLA08-10:** 8-10" inch (203.2 - 254 mm)
- **EP-RLA08-14:** 11-14" inch (279.4 - 355.6 mm)
- **EP-RLA08-18:** 15-18" inch (381 - 457.2 mm)

6.2 Part details

- **PART DESCRIPTION:** TAPERED FITTING
- **PART NUMBER:** EP-RLA8
- **REV. LEVEL:** 1
- **MATERIAL/ ALLOY:** 20 G.A. ALUM
- **MFG. PROCESS:** SPUN
- **CONFIGURATION:** CHILD

6.3 General

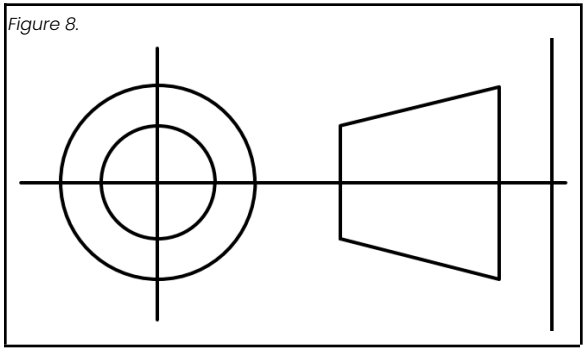
Unless otherwise specified:

- .0 +/- .0625
- .00 +/- .032
- .000 +/- .015
- ANGLE +/- 2 DEG
- RADIUS +/- 20%

- CHAMFER +/- 20%

Third angle projection:

Figure 8.



Measuring system:

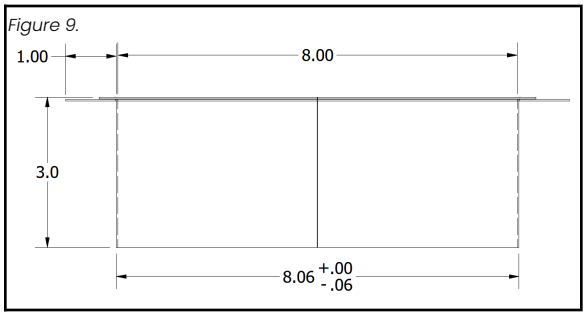
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7. INNER SLEEVE

Figure 9.



7.1 Part details

- **PART DESCRIPTION:** INNER SLEEVE
- **PART NUMBER:** RLA08
- **REV. LEVEL:** 1
- **MATERIAL/ ALLOY:** 20 G.A. ALUM
- **MFG. PROCESS:** SPUN
- **CONFIGURATION:** CHILD

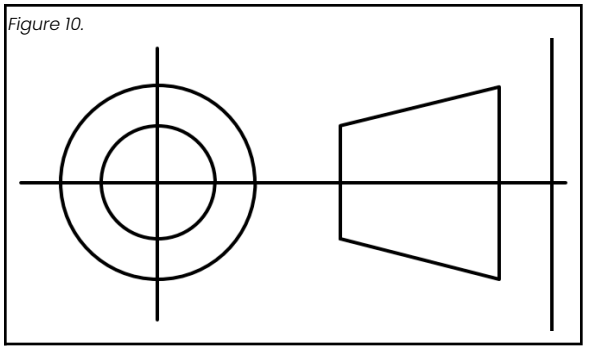
7.2 General

Unless otherwise specified:

- .0 +/- .0625
- .00 +/- .032
- .000 +/- .015
- ANGLE +/- 2 DEG
- RADIUS +/- 20%
- CHAMFER +/- 20%

Third angle projection:

Figure 10.



Measuring system:

- INCH

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8. 10” ROUND LOUVER

Figure 11.

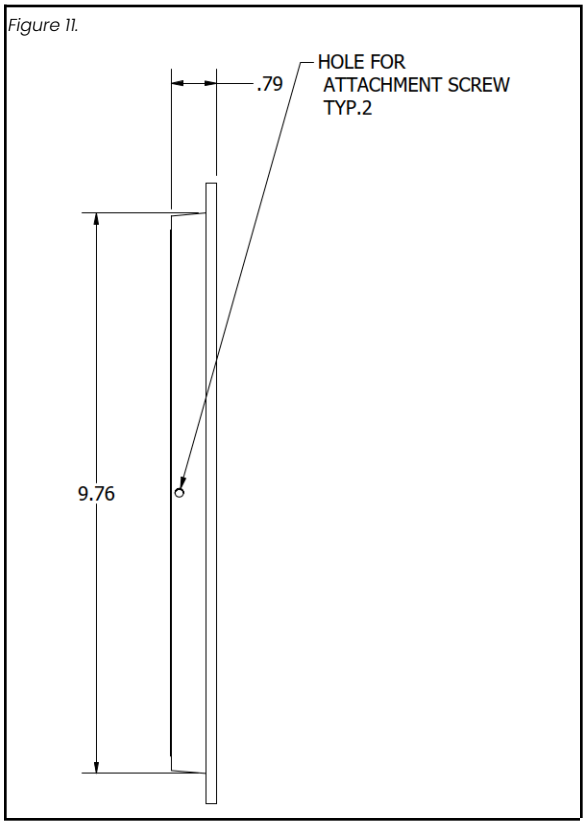
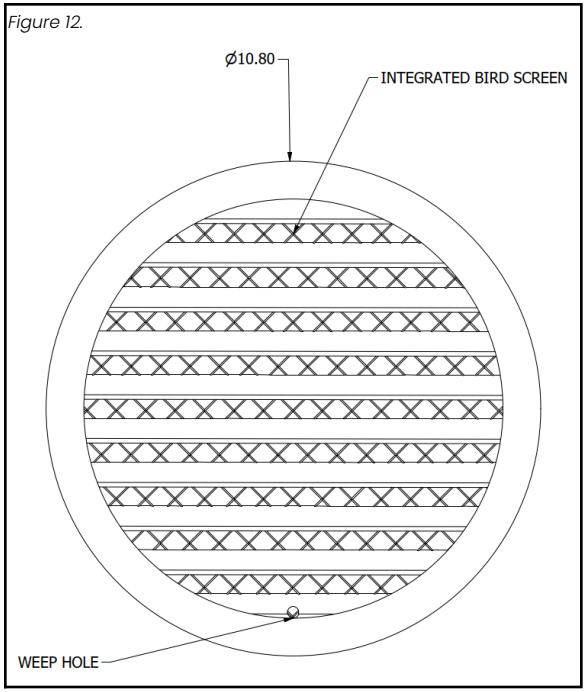


Figure 12.



8.1 Part details

- **PART DESCRIPTION:** 10” (254 mm) ROUND LOUVER
- **PART NUMBER:** LV-10
- **REV. LEVEL: SEE** DATE
- **MATERIAL/ ALLOY:** ALUMINUM
- **MFG. PROCESS:** CAST
- **CONFIGURATION:** ASSEMBLY

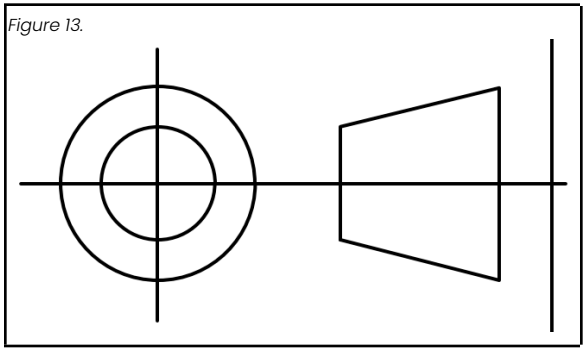
8.2 General

Unless otherwise specified:

- .0 +/- .0625
- .00 +/- .032
- .000 +/- .015
- ANGLE +/- 2 DEG
- RADIUS +/- 20%
- CHAMFER +/- 20%

Third angle projection:

Figure 13.



Measuring system:

- INCH

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With over 20 years of experience in the climate comfort sector, we have a clear goal: growth through innovation. Our team is laser-focused on the conception, development, and production of innovative heating, ventilation, and air conditioning solutions. This mission has developed through bringing together technical skills, creativity, technology, design, Italian passion, and a global vision to achieve the best energy efficiency and performance.

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MADE IN ITALY

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