



## Rinnai Heat Pump and Gas Ducted Heating Accessories catalogue

**Rinnai**

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# Important

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Rinnai is constantly improving its products, and as such, information and specifications are subject to change without notice.

## **Warning**

Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury or loss of life.

## **Help is here**

For more information about buying, using, and servicing of Rinnai appliances call: 0800 RINNAI (0800 746 624).

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# System design service

Rinnai offers a free system design service to help create the perfect climate control system for your home or office.

To get the full potential from a climate controlled system, it is important to get the system design right. Poorly designed and installed ducting can cancel out the benefits you would otherwise get from a Rinnai system.

Outlets can be positioned in the floor or ceiling and are equally effective providing the air intake point is correctly located.

The choice between ceiling or floor outlets is usually determined by the available space in and around the building for the ducting. The selection of product is also dependent on the design of the building.

An experienced system designer will custom design the duct layout to ensure an optimised central heating / cooling solution is achieved. The design team have experience in developing systems for small single dwellings through to large and complex commercial installations.

The design service will custom design your central heating / and or cooling system including recommending the ideal product(s), the location of ducts, and specifying the appropriate zones.

The system design service works closely with Rinnai's specialist dealer network and architects across the country. This is a nationwide network of qualified, trained and experienced installers recommended by Rinnai.



Email plans to [ductdesign@rinnai.co.nz](mailto:ductdesign@rinnai.co.nz)

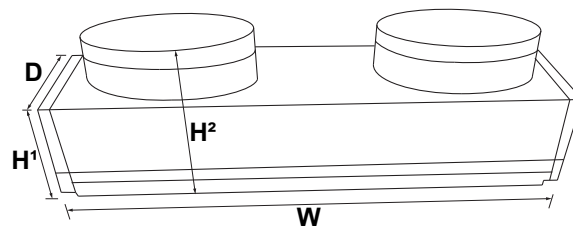
# Ducted system accessories



# Supply plenums

Plenum boxes are used to distribute heated or cooled air throughout the building interior. They are the air's first stop after being heated or cooled and it's last stop before going back into the heat pump or furnace. After producing heated or cooled air the system must move air through the ductwork.

Each system uses two plenum boxes, a supply plenum and a return plenum.



Supply plenums - R1.0 insulated panel (neck size / spigot size)

| Code  | Description                            | Fits models | Overall dimensions<br>H¹/H²xWxD (mm) |
|-------|----------------------------------------|-------------|--------------------------------------|
| R4722 | Supply plenum IP 136 x 706-2 x 200 mm  | 5 kW        | 180/290 x 750 x 185                  |
| R4713 | Supply plenum IP 175 x 926-2 x 250 mm  | 7 kW        | 210/310 x 975 x 220                  |
| R4714 | Supply plenum IP 175 x 1186-2 x 300 mm | 9-10 kW     | 140/245 x 1195 x 380                 |
| R4715 | Supply plenum IP 253 x 1000-2 x 350 mm | 11-15 kW    | 210/295 x 1050 x 300                 |
| R4719 | Supply plenum IP 385 x 1188-2 x 350 mm | 18 kW       | 165/280 x 1230 x 330                 |

**R4722**



**R4713**



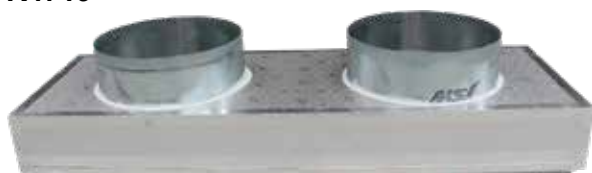
**R4714**



**R4715**



**R4719**



# Return plenums

| Code                                                            | Description                            | Fits models | Overall dimensions<br>H <sup>1</sup> /H <sup>2</sup> xWxD (mm) |
|-----------------------------------------------------------------|----------------------------------------|-------------|----------------------------------------------------------------|
| Return plenums - R1.0 insulated panel (neck size / spigot size) |                                        |             |                                                                |
| R4723                                                           | Return plenum IP 190 x 782-1 x 300 mm  | 5 kW        | 172/290 x 835 x 237                                            |
| R4716                                                           | Return plenum IP 228 x 1001-2 x 300 mm | 7 kW        | 145/245 x 1045 x 275                                           |
| R4717                                                           | Return plenum IP 228 x 1261-2 x 350 mm | 9-10 kW     | 145/245 x 1310 x 275                                           |
| R4718                                                           | Return plenum IP 334 x 1145-2 x 400 mm | 11-15 kW    | 140/245 x 1195 x 380                                           |
| R4721                                                           | Return plenum IP 334 x 1145-2 x 350 mm | 11-15 kW    | 110/220 x 1190 x 385                                           |
| R4720                                                           | Return plenum IP 385 x 1188-3 x 350 mm | 18 kW       | 130/215 x 1230 x 435                                           |
| Plenums - R0.6 sheet metal (neck size / spigot size)            |                                        |             |                                                                |
| R4710*                                                          | Return plenum SM 228 x 1001-2 x 300 mm | 7 kW        | 220/305 x 1020 x 250                                           |
| R4711*                                                          | Return plenum SM 228 x 1261-2 x 350 mm | 9-10 kW     | 210/305 x 1285 x 255                                           |
| R4712*                                                          | Return plenum SM 334 x 1145-2 x 400 mm | 11-15 kW    | 201/305 x 1170 x 355                                           |

\* Models on run out—while stocks last



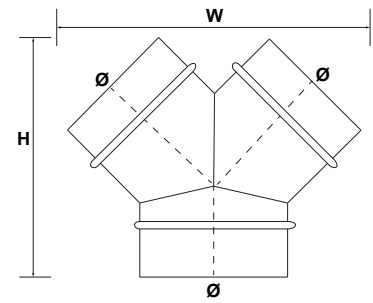
# Y branch fittings

Y branch fittings allow ductwork to be split easily in two directions. Three options available:

1. Plain polyethylene, no insulation
2. Plain polyethylene, with R<sup>M</sup>0.4 insulation
3. Metal, with R<sup>M</sup>0.4 insulation

Polyethylene is made from UV stabilised high density polyethylene.

All product is Australian made, have positive lock duct tabs, smooth internal lines (no sharp edges), and have no joins (no air gaps).



| Code   | Description                                       | Overall dimensions approx. (HxW) |
|--------|---------------------------------------------------|----------------------------------|
| R4020* | Y branch Ø200 x 150 x 150 mm                      | 330 x 400 mm                     |
| R4022* | Y branch Ø250 x 200 x 200 mm                      | 390 x 430 mm                     |
| R4027* | Y branch Ø300 x 300 x 250 mm insulated metal      | 490 x 580 mm                     |
| R4029* | Y branch Ø300 x 300 x 300 mm insulated            | 480 x 485 mm                     |
| R4031* | Y branch Ø350 x 300 x 250 mm insulated            | 430 x 510 mm                     |
| R4033* | Y branch Ø350 x 300 x 300 mm insulated            | 450 x 480 mm                     |
| R4035* | Y branch Ø350 x 350 x 250 mm insulated metal      | 500 x 620 mm                     |
| R4037* | Y branch Ø350 x 350 x 300 mm 0.4 insulated metal  | 500 x 660 mm                     |
| R4039* | Y branch Ø400 x 350 x 300 mm insulated            | 520 x 560 mm                     |
| R4043* | Y branch Ø400 x 400 x 350 mm insulated            | 540 x 585 mm                     |
| R4049* | Y branch multi Ø450 x 2(450/400/350 mm) insulated | 640 x 800 mm                     |

\* Models on run out—while stocks last



**R4027**



**R4029**



**R4031**



**R4033**



**R4035**



**R4037**



**R4039**



**R4043**



**R4049**



# Y branch pre-assembled

Durable pre-assembled insulated plastic Y branch fittings with R<sup>M</sup>1.0 insulation.



| Code  | Description (all pre-assembled)                  |
|-------|--------------------------------------------------|
| R4050 | Y250 / 200 / 200 insulated Y-branch with spigots |
| R4051 | Y300 / 200 / 200 insulated Y-branch with spigots |
| R4052 | Y300 / 250 / 250 insulated Y-branch with spigots |
| R4053 | Y300 / 300 / 250 insulated Y-branch with spigots |
| R4054 | Y350 / 300 / 300 insulated Y-branch with spigots |
| R4041 | Y400 / 350 / 350 insulated Y-branch with spigots |
| R4055 | Y450 / 350 / 350 insulated Y-branch with spigots |
| R4056 | Y450 / 400 / 350 insulated Y-branch with spigots |

## Build your own

The 'build your own' modular approach gives the flexibility to customise Y-branches and BTO to suit the specific needs of a project.

Creating a custom BTO or Y-branch is simple with modular components. Follow these steps:

- 1. Select the BTO body only**  
Choose the body closest in size to your required dimensions.
- 2. Add spigots or reducing spigots**  
Order one spigot or reducing spigot for each of the three openings, depending on the required outlet sizes.

### Kit composition

A complete BTO kit includes:

- 1 x BTO body only
- 3 x spigots, reducing spigots, or a mix of both

### Ordering example

To assemble a BTO 300 x 150 x 150:

- 1 x R4107 BTO body only (300 x 250 x 200)
- 1 x R4193 300 mm spigot
- 1 x R4180 200-150 mm reducing spigot
- 1 x R4181 2- step reducing spigot (250-150 mm)



| BTO body only    |                                          |                                                                                       |
|------------------|------------------------------------------|---------------------------------------------------------------------------------------|
| Code             | Description                              |    |
| R4105            | BTO1 body only 200 / 150 / 150 insulated |                                                                                       |
| R4106            | BTO2 body only 250 / 200 / 150 insulated |                                                                                       |
| R4107            | BTO3 body only 300 / 250 / 200 insulated |                                                                                       |
| R4108            | BTO4 body only 350 / 300 / 250 insulated |                                                                                       |
| R4109            | BTO5 body only 400 / 350 / 300 insulated |                                                                                       |
| Reducing spigots |                                          |                                                                                       |
| R4180            | Reducing spigot 200-150                  |   |
| R4181            | Reducing spigot 250-150 (2-step)         |                                                                                       |
| R4182            | Reducing spigot 250-200                  |                                                                                       |
| R4183            | Reducing spigot 300-200 (2-step)         |                                                                                       |
| R4184            | Reducing spigot 300-250                  |                                                                                       |
| R4185            | Reducing spigot 350-250 (2-step)         |                                                                                       |
| R4186            | Reducing spigot 350-300                  |                                                                                       |
| R4187            | Reducing spigot 400-300 (2-step)         |                                                                                       |
| R4188            | Reducing spigot 400-350                  |                                                                                       |
| R4189            | Reducing spigot 450-400                  |                                                                                       |
| Spigots          |                                          |                                                                                       |
| Code             | Description                              |   |
| R4190            | Spigot 150                               |                                                                                       |
| R4191            | Spigot 200                               |                                                                                       |
| R4192            | Spigot 250                               |                                                                                       |
| R4193            | Spigot 300                               |                                                                                       |
| R4194            | Spigot 350                               |                                                                                       |
| R4195            | Spigot 400                               |                                                                                       |
| R4196            | Spigot 450                               |                                                                                       |
| Y body only      |                                          |                                                                                       |
| R4480            | Y body only Y200 / 150 / 150 insulated   |  |
| R4481            | Y body only Y250 / 200 / 200 insulated   |                                                                                       |
| R4482            | Y body only Y300 / 250 / 250 insulated   |                                                                                       |
| R4483            | Y body only Y350 / 300 / 300 insulated   |                                                                                       |
| R4484            | Y body only Y400 / 350 / 350 insulated   |                                                                                       |
| R4485            | Y body only Y450 / 400 / 400 insulated   |                                                                                       |

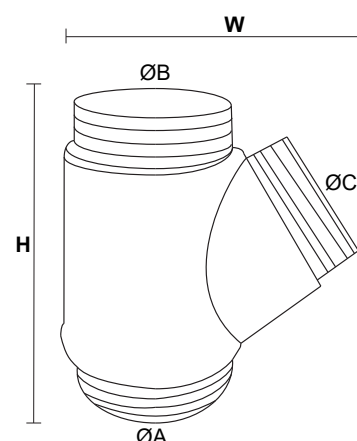
# BTO - branch take off

A branch take off splits a duct with the ability to create a more and less dominant flow in two directions. Three options (pictured below) are available:

1. Plain polyethylene, no insulation
2. Plain polyethylene, with R<sup>M</sup>0.4 insulation
3. Galvanised steel, with R<sup>M</sup>0.4 insulation

The polyethylene product is made from UV stabilised high density polyethylene.

All product is Australian made, has positive lock duct tabs, smooth internal lines (no sharp edges), and have no joins (no air gaps).



| Code   | Description and spigot size (A x B x C) | Approx. overall dimensions (HxW) |
|--------|-----------------------------------------|----------------------------------|
| R4060* | BTO Ø150 x 150 x 150 mm                 | 455 x 370 mm                     |
| R4061* | BTO Ø200 x 150 x 150 mm                 | 455 x 385 mm                     |
| R4062* | BTO Ø200 x 200 x 150 mm                 | 530 x 410 mm                     |
| R4063* | BTO Ø200 x 200 x 200 mm                 | 535 x 335 mm                     |
| R4064* | BTO Ø250 x 200 x 150 mm                 | 400 x 410 mm                     |
| R4065  | BTO Ø250 x 200 x 200 mm                 | 470 x 410 mm                     |
| R4066* | BTO Ø250 x 250 x 150 mm insulated       | 430 x 430 mm                     |
| R4067* | BTO Ø250 x 250 x 200 mm insulated       | 500 x 470 mm                     |
| R4068  | BTO Ø300 x 200 x 200 mm insulated       | -                                |
| R4069* | BTO Ø300 x 250 x 150 mm insulated       | 410 x 450 mm                     |
| R4071* | BTO Ø300 x 250 x 200 mm insulated       | 475 x 480 mm                     |
| R4073  | BTO Ø300 x 250 x 250 mm insulated       | 540 x 500 mm                     |
| R4075* | BTO Ø300 x 300 x 150 mm insulated       | 440 x 490 mm                     |
| R4077* | BTO Ø300 x 300 x 200 mm insulated       | 490 x 520 mm                     |
| R4079  | BTO Ø300 x 300 x 250 mm insulated       | 580 x 545 mm                     |
| R4081* | BTO Ø350 x 300 x 150 mm insulated       | 500 x 550 mm                     |
| R4085* | BTO Ø350 x 300 x 250 mm insulated       | 530 x 560 mm                     |
| R4087* | BTO Ø350 x 350 x 150 mm insulated metal | 445 x 550 mm                     |
| R4091* | BTO Ø350 x 350 x 250 mm insulated       | 570 x 570 mm                     |
| R4093* | BTO Ø400 x 350 x 200 mm insulated metal | 505 x 595 mm                     |
| R4097* | BTO Ø400 x 350 x 350 mm insulated metal | 675 x 665 mm                     |

\* Models on run out—while stocks last



Each takeoff has a stamped diameter dimension embossed on the branch



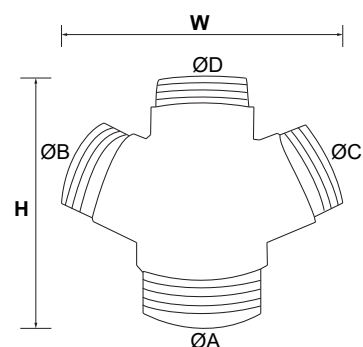
For those models not on run out, the insulation colour will be changing from black to white as new stock arrives.

# DBTO - double branch take off

A double branch takeoff is designed to divide air flow in ducted systems.

The polyethylene product is made from UV stabilised high density polyethylene, with R<sup>M</sup>0.4 insulation.

All product is Australian made, has positive lock duct tabs, smooth internal lines (no sharp edges), and have no joins (no air gaps).



| Code   | Description (A x B x C x D)                     | Approx. overall dimensions (HxW) |
|--------|-------------------------------------------------|----------------------------------|
| R4111  | DBTO insulated Ø200 x 150 x 150 x 150 assembled | -                                |
| R4112  | DBTO insulated Ø250 x 150 x 150 x 150 assembled | -                                |
| R4119  | DBTO insulated Ø250 x 250 x 200 x 200 assembled | 455 x 645 mm                     |
| R4126  | DBTO insulated Ø300 x 200 x 200 x 200 assembled | -                                |
| R4127  | DBTO insulated Ø300 x 300 x 200 x 200 assembled | 490 x 725 mm                     |
| R4129  | DBTO insulated Ø350 x 250 x 250 x 250 assembled | 520 x 730 mm                     |
| R4136  | DBTO insulated Ø350 x 300 x 300 x 300 assembled | 605 x 835 mm                     |
| R4110* | DBTO Ø200 x 150 x 150 x 150 assembled           | 460 x 590 mm                     |
| R4113* | DBTO Ø250 x 200 x 150 x 150 insulated           | 430 x 575 mm                     |
| R4115* | DBTO Ø250 x 200 x 200 x 200 insulated           | 475 x 620 mm                     |
| R4117* | DBTO Ø250 x 250 x 150 x 150 insulated           | 430 x 650 mm                     |
| R4121* | DBTO Ø300 x 250 x 150 x 150 insulated           | 430 x 620 mm                     |
| R4123* | DBTO Ø300 x 250 x 200 x 200 insulated           | 500 x 680 mm                     |
| R4125* | DBTO Ø300 x 300 x 150 x 150 insulated           | 445 x 665 mm                     |
| R4131* | DBTO Ø350 x 300 x 150 x 150 insulated           | 485 x 740 mm                     |
| R4133* | DBTO Ø350 x 300 x 200 x 200 insulated           | 590 x 735 mm                     |
| R4135* | DBTO Ø350 x 300 x 250 x 250 insulated           | 550 x 785 mm                     |
| R4137* | DBTO Ø350 x 350 x 150 x 150 insulated           | 480 x 740 mm                     |
| R4139* | DBTO Ø350 x 350 x 200 x 200 insulated           | 460 x 765 mm                     |
| R4141* | DBTO Ø400 x 350 x 250 x 250 insulated           | 665 x 795 mm                     |
| R4143* | DBTO Ø400 x 400 x 350 x 350 insulated metal     | 710 x 985 mm                     |

\* Models on run out—while stocks last

**R4110****R4113****R4115****R4123****R4127****R4129****R4133****R4135****R4137****R4139****R4141****R4117****R4119****R4121****R4125****R4131****R4136****R4143**

For those models not on run out, the insulation colour will be changing from black to white as new stock arrives.

# Reducer fittings

Reducers are installed when you need to change from one duct size to another while maintaining maximum airflow through a system.

| Code                            | Description                     |
|---------------------------------|---------------------------------|
| <b>Metal - galvanised steel</b> |                                 |
| R4160                           | Reducer metal Ø200 mm to 150 mm |
| R4161                           | Reducer metal Ø250 mm to 200 mm |
| R4162                           | Reducer metal Ø300 mm to 250 mm |
| R4163                           | Reducer metal Ø350 mm to 300 mm |
| R4164                           | Reducer metal Ø400 mm to 350 mm |
| <b>Poly - black plastic</b>     |                                 |
| R4166*                          | Reducer poly Ø200 mm to 150 mm  |
| R4167*                          | Reducer poly Ø400 mm to 350 mm  |
| R4165*                          | Reducer poly Ø450 mm to 400 mm  |

\* Model on run out—while stocks last



# Flexible ducting

Fire rated flexible duct, designed for applications that require less rigid flexible duct. Suitable for all domestic and commercial HVAC systems.

Operating temperature: -20 °C to +80 °C  
Insulation: 50 mm thick insulation (R1.0)



## Features

|                                        |                                                    |
|----------------------------------------|----------------------------------------------------|
| • Tough mylar outer jacket             | • High resistance to waste permeation              |
| • Metalised mylar inner core           | • UV resistant                                     |
| • Fully encapsulated spring steel wire | • Flame resistant dry lamination adhesive resin    |
| • High and low pressure suitability    | • Low resistance to airflow (correct installation) |

| Code   | Description (length - 6 m)      |
|--------|---------------------------------|
| R4007  | Duct flex 150 mm insulated R1.0 |
| R4008  | Duct flex 200 mm insulated R1.0 |
| R4009  | Duct flex 250 mm insulated R1.0 |
| R4010  | Duct flex 300 mm insulated R1.0 |
| R4011  | Duct flex 350 mm insulated R1.0 |
| R4012  | Duct flex 400 mm insulated R1.0 |
| R4013  | Duct flex 450 mm insulated R1.0 |
|        |                                 |
| R4000* | Duct flex 150 mm insulated R0.6 |
| R4001* | Duct flex 200 mm insulated R0.6 |
| R4002* | Duct flex 250 mm insulated R0.6 |
| R4003* | Duct flex 300 mm insulated R0.6 |
| R4004* | Duct flex 350 mm insulated R0.6 |
| R4005* | Duct flex 400 mm insulated R0.6 |
| R4006* | Duct flex 450 mm insulated R0.6 |

\* Models on run out—while stocks last



# Joiners

Metal joiners (galvanised steel) are used to connect lengths of insulated duct of the same size together. The duct fits over the joiner and is taped or clamped in place.

Poly joiners are for joining two poly items such as a branch and a reducer.



| Flexible duct joiners metal |                              |        |
|-----------------------------|------------------------------|--------|
| Code                        | Description                  | Height |
| R4170                       | Joiner ducting metal Ø150 mm | 150 mm |
| R4171                       | Joiner ducting metal Ø200 mm | 150 mm |
| R4172                       | Joiner ducting metal Ø250 mm | 150 mm |
| R4173                       | Joiner ducting metal Ø300 mm | 150 mm |
| R4174                       | Joiner ducting metal Ø350 mm | 150 mm |
| R4175                       | Joiner ducting metal Ø400 mm | 150 mm |
| R4176                       | Joiner ducting metal Ø450 mm | 150 mm |

| Joiners polypropylene - for connecting poly fittings |                              |                |
|------------------------------------------------------|------------------------------|----------------|
| Code                                                 | Description                  | Approx. height |
| R4150*                                               | Joiner fittings poly Ø150 mm | 200 mm         |
| R4151*                                               | Joiner fittings poly Ø200 mm | 190 mm         |
| R4152*                                               | Joiner fittings poly Ø250 mm | 180 mm         |
| R4153*                                               | Joiner fittings poly Ø300 mm | 190 mm         |
| R4154*                                               | Joiner fittings poly Ø350 mm | 195 mm         |

\* Models on run out—while stocks last

**R4170**



**R4173**



**R4174**



**R4151**



**R4154**



# Ducted system diffusers and grilles



# Supply diffusers

A diffuser and grille distributes air exiting the climate system ductwork and provides a decorative finish over the hole holding the duct work in place.

There are different types depending on the application.

| Code                                                                                                                                                                                                                                              | Description                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <b>Core range:</b> Supply jet diffuser - round                                                                                                                                                                                                    |                                                                             |
| Designed to not just “dump” the air straight down like standard diffusers. They disperse air over a greater area because the louvres are at staggered angles. Staggered angles give a more even distribution of air in the desired room or space. |                                                                             |
| R4210                                                                                                                                                                                                                                             | Downjet diffuser adjustable round 150 mm white                              |
| R4211                                                                                                                                                                                                                                             | Downjet diffuser adjustable round 200 mm white                              |
| R4216                                                                                                                                                                                                                                             | Downjet diffuser adjustable round 250 mm white                              |
| <b>Core range:</b> Supply diffuser - round (*models on run out —while stocks last)                                                                                                                                                                |                                                                             |
| Quick fixing clips, resistant to scratching and fading. Manufactured from engineered polymers, and positive lock ducts.                                                                                                                           |                                                                             |
| R4220*                                                                                                                                                                                                                                            | Diffuser round cone adjustable disk neck 150 mm white insulated             |
| R4221*                                                                                                                                                                                                                                            | Diffuser round cone adjustable disk neck 200 mm white                       |
| R4222*                                                                                                                                                                                                                                            | Diffuser round cone adjustable disk neck 250 mm white insulated             |
| R4460*                                                                                                                                                                                                                                            | Diffuser round cone adjustable disk neck 300 mm white                       |
| <b>Specialised range:</b> Supply jet eyeball diffuser round (*models on run out —while stocks last)                                                                                                                                               |                                                                             |
| Ideal choice for high ceilings or walls in hotels, restaurants, shopping centres, office buildings etc.                                                                                                                                           |                                                                             |
| R4212*                                                                                                                                                                                                                                            | Supply jet eyeball diffuser neck Ø150 mm                                    |
| R4213*                                                                                                                                                                                                                                            | Supply jet eyeball diffuser neck Ø200 mm                                    |
| R4214*                                                                                                                                                                                                                                            | Supply jet eyeball diffuser neck Ø250 mm                                    |
| R4215*                                                                                                                                                                                                                                            | Supply jet eyeball diffuser neck Ø300 mm                                    |
| <b>Core range:</b> Supply grille square ceiling (*models on run out —while stocks last)                                                                                                                                                           |                                                                             |
| Allows easy installation adaptors fit directly onto the rear of the diffusers.                                                                                                                                                                    |                                                                             |
| R4200*                                                                                                                                                                                                                                            | Ceiling vent eyelash diffuser adjustable 2-way flush 255 x 255 mm - plastic |
| R4245*                                                                                                                                                                                                                                            | Ceiling vent diffuser 4-way flush face 300 x 300 mm white - aluminium       |
| R4602                                                                                                                                                                                                                                             | Ceiling vent diffuser 4-way flush face 225 x 225 mm white - aluminium       |
| <b>Specialised range:</b> Supply grille square ceiling (*model on run out —while stocks last)                                                                                                                                                     |                                                                             |
| R4450*                                                                                                                                                                                                                                            | Ceiling vent diffuser adjustable 4-way curve 300 x 300 mm                   |

\* Models on run out—while stocks last

**R4210****R4211****R4216****R4220**

Cone Ø210 mm  
Outside Ø250 mm  
Depth: 100 mm

**R4221**

Cone Ø225 mm  
Outside Ø310 mm  
Depth: 125 mm

**R4222**

Cone Ø275 mm  
Outside Ø385 mm  
Depth: 125 mm

**R4460**

Cone Ø325 mm  
Outside Ø445 mm  
Depth: 115 mm

**R4212**

Eye: Ø70 mm  
OD: Ø200 mm  
Height: 130 mm

**R4213**

Eye: Ø100 mm  
OD: Ø260 mm  
Height: 145 mm

**R4214**

Eye: Ø125 mm  
OD: Ø310 mm  
Height: 180 mm

**R4215**

Eye: Ø160 mm  
OD: Ø380 mm  
Height: 355 mm

**R4200**

OD: 280x280 mm  
Depth: 60 mm  
Neck: 213x213 mm

**R4245**

OD: 437x437 mm  
Depth: 45 mm  
Neck: 287x287 mm

**R4602**

OD: 362x362 mm  
Depth: 45 mm  
Neck: 215x215 mm

**R4450\***

OD: 337x337 mm  
Depth: 45 mm  
Neck: 300x300 mm



# Boots - ceiling vents and diffusers

Boots for connection to diffusers. They sit on the back of the ceiling grilles and attach to the ductwork. The boots that are angled are low profile to suit suspended ceilings or in between floors in double storey houses.

- Poly adaptor snaps-on to diffuser
- No tools or fixing required
- Positive lock duct tabs
- Complete with duct retaining clips

| Code   | Description                                         |
|--------|-----------------------------------------------------|
| R4256* | Boot straight 300 x 300-300 mm (adapter poly plain) |
| R4290  | Adaptor with damper 225 x 225-150 mm                |
| R4291  | Adaptor with damper 225 x 225-200 mm                |
| R4292* | Cushion box insulated 225x225-250 R0.4              |
| R4293* | Boot straight 300 x 300-250 mm (adapter poly plain) |
| R4295* | Boot 90 degrees 225 x 225-150 mm (cushion box)      |
| R4296* | Boot 90 degrees 225 x 225-200 mm (cushion box)      |

\* Models on run out—while stocks last



# Floor / wall registers and vents



# Floor / wall registers and vents

| Code                                                      | Description                                 |                |                               |
|-----------------------------------------------------------|---------------------------------------------|----------------|-------------------------------|
| Double deflection wall diffusers - aluminium construction |                                             | Neck size (mm) | Overall dimensions WxDxH (mm) |
| R4225WH                                                   | Wall grille metal DDL white, removable core | 300 x 100      | 341 x 141 x 50                |
| R4226WH                                                   | Wall grille metal DDL white, removable core | 350 x 150      | 390 x 190 x 45                |
| R4227WH*                                                  | Wall grille metal DDL white, removable core | 400 x 200      | -                             |

Double deflection grilles are suitable for cooling, heating, and ventilation applications. Removable core makes for easy installation, cleaning, and access to dampers (if installed). Adjustable blades allow for adjustment of horizontal or vertical airflow. Aluminium construction powder coated white.

\* Model on run out—while stocks last



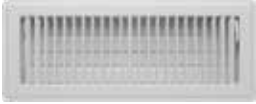
| Code                                                  | Description                                  |                |                               |
|-------------------------------------------------------|----------------------------------------------|----------------|-------------------------------|
| Supply grille floor register - all steel construction |                                              | Neck size (mm) | Overall dimensions WxDxH (mm) |
| R4232WH                                               | Floor grille metal adjustable - white        | 100 x 300      | 344 x 140 x 40                |
| R4232GR                                               | Floor grille metal adjustable - grey         | 100 x 300      | 344 x 140 x 40                |
| R4232CC                                               | Floor grille metal adjustable - charcoal     | 100 x 300      | 344 x 140 x 40                |
| R4232BE                                               | Floor grille metal adjustable - beige        | 100 x 300      | 344 x 140 x 40                |
| R4232BR                                               | Floor grille metal adjustable - brown        | 100 x 300      | 344 x 140 x 40                |
| R4233WH                                               | Floor grille metal adjustable - white        | 150 x 350      | 395 x 190 x 36                |
| R4233GR                                               | Floor grille metal adjustable - grey         | 150 x 350      | 395 x 190 x 36                |
| R4233CC                                               | Floor grille metal adjustable - charcoal     | 150 x 350      | 395 x 190 x 36                |
| R4233BE                                               | Floor grille metal adjustable - beige        | 150 x 350      | 395 x 190 x 36                |
| R4233BR                                               | Floor grille metal adjustable - brown        | 150 x 350      | 395 x 190 x 36                |
| R4234SC                                               | Floor grille metal adjustable - satin chrome | 100 x 300      | 344 x 140 x 40                |
| R4235SC                                               | Floor grille metal adjustable - satin chrome | 150 x 350      | 395 x 190 x 36                |

A floor grille is a strong grille in the floor—they need to be strong enough to support considerable weight as a floor fixture. They are made of pressed metal steel construction with a powder coat finish. Control levels are recessed for a flush finish and allow for airflow adjustment.

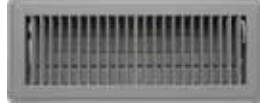


**Please note:** The colours displayed online and in printed materials may not accurately represent the actual metal colours. This is especially apparent for brown, beige, antique brass, and brushed nickel. Please see your local distributor or merchant for a sample if you are unsure about the colour selection.

**R4232WH**



**R4232GR**



**R4232CC**



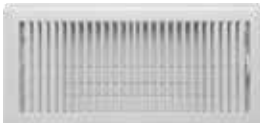
**R4232BE**



**R4232BR**



**R4233WH**



**R4233GR**



**R4233CC**



**R4233BE**



**R4233BR**



**R4234SC**



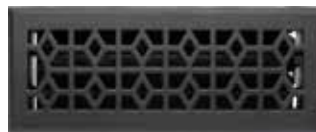
**R4235SC**



# Antique floor vents

| Code                                        | Description                           |                |                                   |
|---------------------------------------------|---------------------------------------|----------------|-----------------------------------|
| Antique floor vent - all steel construction |                                       | Neck size (mm) | Overall dimensions WxHxdepth (mm) |
| R4240AB                                     | Floor grille marquis antique brass    | 100 x 300      | 340 x 140 x 40                    |
| R4240PW                                     | Floor grille marquis pewter cast iron | 100 x 300      | 340 x 140 x 20                    |

Heavy gauge steel construction floor vent. Designed for new modern or period homes. Hidden and recessed levers for clean lines. Rust and rattle proof damper box.



| Code                                                  | Description                           |                |                                 |
|-------------------------------------------------------|---------------------------------------|----------------|---------------------------------|
| Antique floor vent - steel face + ABS body and damper |                                       | Neck size (mm) | Overall dimensions WxDxrim (mm) |
| R4242AB                                               | Floor grille Victorian antique brass  | 100 x 300      | 340 x 140 x 20                  |
| R4242CH*                                              | Floor grille Victorian chrome         | 100 x 300      | 340 x 140 x 20                  |
| R4242PB*                                              | Floor grille Victorian polished brass | 100 x 300      | 340 x 140 x 20                  |
| R4243AB                                               | Floor grille Victorian antique brass  | 100 x 300      | 340 x 140 x 20                  |
| R4243CH*                                              | Floor grille Victorian chrome         | 100 x 300      | 340 x 140 x 20                  |
| R4243PB*                                              | Floor grille Victorian polished brass | 100 x 300      | 340 x 140 x 20                  |

Plated steel floor vent in a Victorian design. Rust and rattle proof acrylic damper box. Hidden and recessed levers for clean lines.

\* Models on run out—while stocks last

**R4242AB**



**R4242CH**



**R4242PB**



**R4243AB**



**R4243CH**



**R4243PB**



# Plastic floor grilles (models on run out—while stocks last)

Manufactured from fire retardant, V-2 polycarbonate plastic, these floor grilles have been designed and built to withstand high traffic areas.

Available in two different styles and sizes. Side blow is the most popular, although, where curtains get in the way of the vent or where it is placed next to a fixture, the front blow may be the better option.

**R4250CT:** Chocolate  
Side 100 x 300



**R4251BE:** Beige  
Front 100 x 300



**R4251CT:** Chocolate  
Front 100 x 300



**R4251WH:** White  
Front 100 x 300



**R4252BE:** Beige  
Side 150 x 300



**R4252CT:** Chocolate  
Side 150 x 300



**R4252WH:** White  
Side 150 x 300



**R4252BL:** Black  
Side 150 x 300



**R4252SL:** Slate  
Side 150 x 300



**R4252BE:** Beige  
Side 150 x 300



**R4253BE:** Beige  
Front 150 x 300



**R4253CT:** Chocolate  
Front 150 x 300



**R4253WH:** White  
Front 150 x 300



**R4253BL:** Black  
Front 150 x 300



**R4253SL:** Slate  
Front 150 x 300



# Boots for supply grilles & registers

Boots are designed to convert ductwork into a supply grille or register (vent) to heat and cool a room. All the below boots are fitted with twin butterfly dampers that stop or regulate the flow of air in zoned systems.

| Code   | Description                                   |
|--------|-----------------------------------------------|
| R4260* | Boot with damper 300 x 100 x 150 mm           |
| R4261* | Boot with damper 300 x 100 x 200 mm           |
| R4265* | Boot with damper 350 x 150 x 200 mm           |
| R4270  | Boot 45 degree with damper 300 x 100 x 150 mm |
| R4271  | Boot 45 degree with damper 350 x 150 x 200 mm |
| R4275* | Boot 90 degree with damper 100 x 300 x 150 mm |
| R4276* | Boot 90 degree with damper 100 x 300 x 250 mm |
| R4277* | Boot 90 degree with damper 150 x 350 x 200 mm |
| R4280* | Boot end entry 300 x 100 x 150 mm             |
| R4281* | Boot end entry 350 x 150 x 200 mm             |

\* Model on run out—while stocks last



# Linear floor / wall bar grilles - aluminium

Aluminium construction contemporary floor and wall vents, with anodised face to prevent rusting. Adjustable variants have a fully adjustable damper to regulate air flow. Lever can be removed if preferred.

| Code                                                          | Description                                          | Neck size (mm) | Face size approx. (mm) |
|---------------------------------------------------------------|------------------------------------------------------|----------------|------------------------|
| Linear floor or wall bar grille - full aluminium construction |                                                      | Neck size (mm) | Face size approx. (mm) |
| R4238AL                                                       | Linear bar adjustable, fixed core anodised aluminium | 300 x 100      | 140 x 340 (20 rim)     |
| R4238BE*                                                      | Linear bar adjustable, fixed core beige              | 300 x 100      | 140 x 340 (20 rim)     |
| R4238GM                                                       | Linear bar adjustable, fixed core gunmetal           | 300 x 100      | 140 x 340 (20 rim)     |
| R4239AL*                                                      | Linear bar adjustable, fixed core anodised aluminium | 350 x 150      | 190 x 390 (20 rim)     |
| R4239BE*                                                      | Linear bar adjustable, fixed core beige              | 350 x 150      | 190 x 390 (20 rim)     |
| R4239GM                                                       | Linear bar adjustable, fixed core gunmetal           | 350 x 150      | 190 x 390 (20 rim)     |

\* Model on run out—while stocks last

**R4238AL**



**R4238BE**



**R4238GM**



**R4239AL**



**R4239BE**



**R4239GM**



# Linear vents and diffusers

| Code                              | Description                                      |
|-----------------------------------|--------------------------------------------------|
| Boots: Linear vents and diffusers |                                                  |
| R4294                             | Adapter grille insulated 200 - 890 x 80          |
| R4470                             | Linear diffuser fixed core 2-slot white 890 x 80 |
| R4610*                            | Bar grille removable core 590 x 140              |
| R4611*                            | Bar grille removable core 890 x 140              |
| R4630*                            | Linear slot diffuser 590 x 137                   |
| R4631*                            | Linear slot diffuser 890 x 137                   |
| R4633                             | Linear slot diffuser 2-slot white 25 mm 600      |
| R4650                             | Boot grille / diff 600 x 150-150 mm              |
| R4651*                            | Boot grille / diff 900 x 150-200 mm              |

\* Model on run out—while stocks last



**R4470**



**R4610**



**R4611**



**R4630**



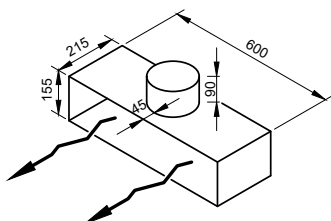
**R4631**



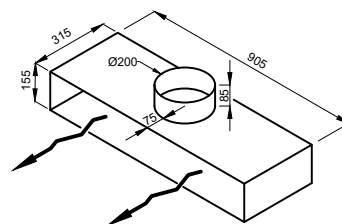
**R4294**



**R4650**



**R4651**



# Return air grilles

A return air grille allows air to return to any cooling or heating system. It typically has an air filter attached to improve air quality in the home and stop contaminants (dust, pet hair, pollen etc) from entering into the HVAC system.



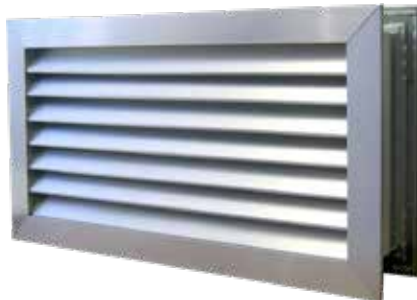
| Code     | Description                             | Neck size    |
|----------|-----------------------------------------|--------------|
| R4422*   | Door relief grille 440 x 290 mm white   | -            |
| R4429*   | Door relief grille 590 x 44 mm          | -            |
| R4341WH  | RAG egg crate hinged with filter white  | 390 x 590 mm |
| R4342WH  | RAG egg crate hinged with filter white  | 390 x 740 mm |
| R4343WH  | RAG egg crate hinged with filter white  | 390 x 890 mm |
| R4351WH* | Linear bar RAG hinged with filter white | 390 x 590 mm |
| R4352WH* | Linear bar RAG hinged with filter white | 390 x 740 mm |
| R4353WH* | Linear bar RAG hinged with filter white | 390 x 890 mm |
| R4359WH* | RAG no filter plastic white             | 390 x 560 mm |
| R4360BE* | RAG heavy duty floor beige              | 390 x 590 mm |
| R4361BE* | RAG heavy duty floor beige              | 390 x 740 mm |
| R4362BE* | RAG heavy duty floor beige              | 390 x 890 mm |

\* Model on run out—while stocks last

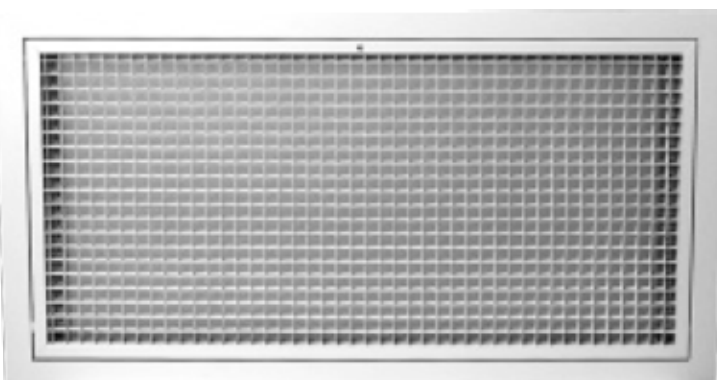
## R4422: Door relief grille



## Representation of door relief grille side profile



## RAG egg crate hinged with filter white - three sizes R4341WH, R4342WH, R4343WH

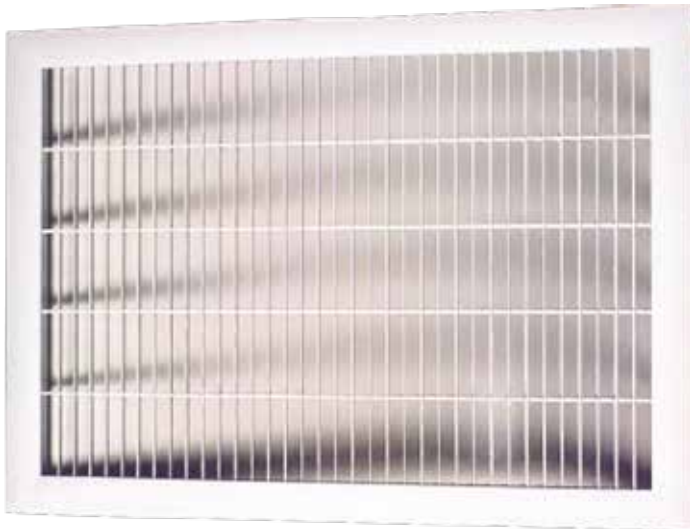


## Return air grilles continued

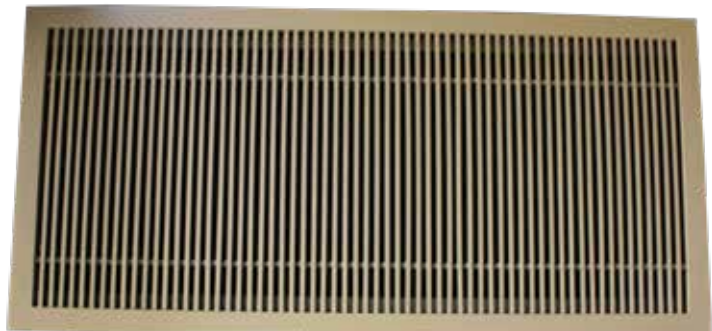
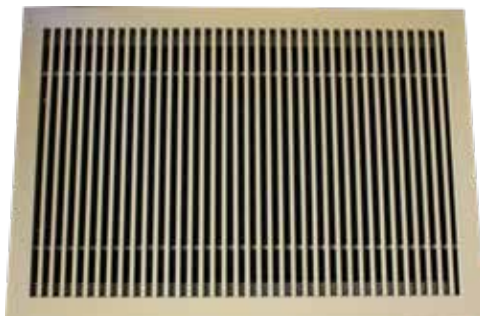
**Linear bar return air grille hinged with filter white - three sizes  
R4351WH, R4352WH, R4333WH**



**Return air grille no filter, plastic, white  
R4359WH**



**Return air grille heavy duty floor beige - three sizes  
R4360BE, R4361BE, R4362BE**



# Return air boxes

The return air box is a plenum that attaches a return duct to a return grille in the wall or ceiling.

| Code  | Description                           | Spigot size | Overall dimensions (mm)                                |
|-------|---------------------------------------|-------------|--------------------------------------------------------|
| R4332 | Return air box 590 x 390              | Ø300 mm     | H-598, W-398                                           |
| R4333 | Return air box 590 x 390              | Ø350 mm     | H-598, W-398                                           |
| R4334 | Return air box 740 x 390              | Ø350 mm     | H-747, W-398                                           |
| R4335 | Return air box 740 x 390              | Ø400 mm     | H-747, W-398                                           |
| R4336 | Return air box 890 x 390              | Ø350 mm     | H-900, W-403                                           |
| R4337 | Return air box 890 x 390              | Ø400 mm     | H-900, W-403                                           |
| R4700 | Return air box insulated 740 x 390 mm | 2 x Ø300 mm | H <sup>1</sup> -220, H <sup>2</sup> -310, D-420, W-800 |
| R4701 | Return air box insulated 890 x 390mm  | 2 x Ø350 mm | H <sup>1</sup> -220, H <sup>2</sup> -310, D-420, W-930 |
| R4702 | Return air box insulated 890 x 390mm  | 2 x Ø400 mm | H <sup>1</sup> -220, H <sup>2</sup> -310, D-420, W-930 |

**R4332**



**R4333**



**R4700**



**R4701**



**R4702**



# Return air top hats and plates

The return air box is a plenum that attaches a return duct to a return grille in the wall or ceiling.

| Code  | Description                            |
|-------|----------------------------------------|
| R4371 | Return air top hat 300 mm              |
| R4372 | Return air top hat 350 mm              |
| R4373 | Return air top hat 400 mm              |
| R4374 | Return air top hat 450 mm              |
| R4375 | Return air plate spigot 500x500-300 mm |
| R4376 | Return air plate spigot 500x500-350 mm |
| R4377 | Return air plate spigot 500x500-400 mm |
| R4378 | Return air plate spigot 600x600-450 mm |

**R4371**



**R4372**



**R4373**



**R4375**



**R4376**



**R4377**



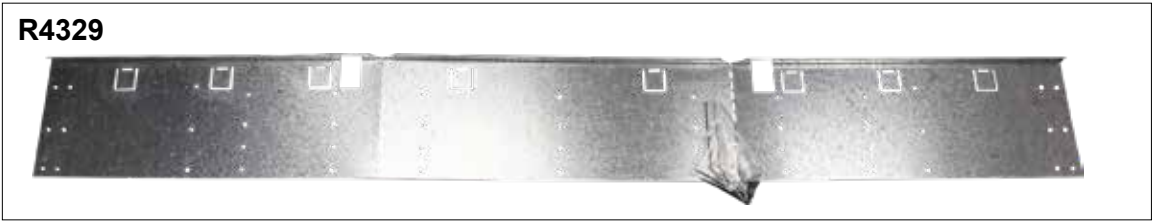
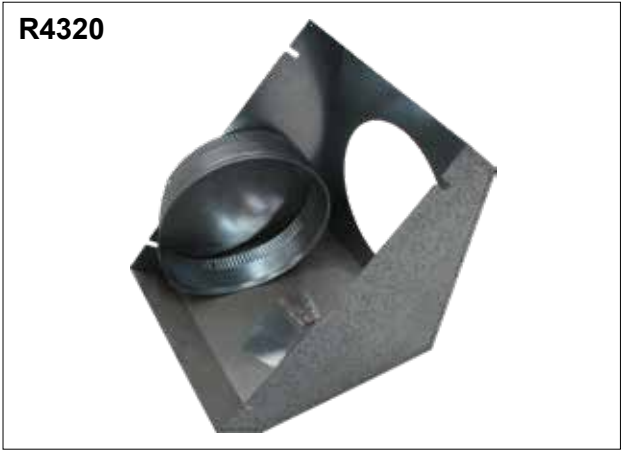
**R4378**



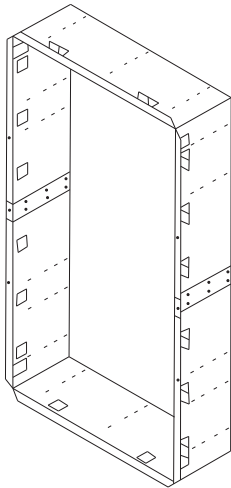
# Return air fittings - other

| Code   | Description                                |
|--------|--------------------------------------------|
| R4315  | Filter replacement kit                     |
| R4320* | Return air box 560 x 380 x 300             |
| R4329* | Return air flange adjustable 390 x 590-740 |
| R4330  | Return air flange 390 x 890                |

\* Model on run out—while stocks last



Return air flange made up



# Manual inline dampers

Device used to control the airflow within heating, ventilation, and air conditioning (HVAC) systems.

- **Function**

Dampers regulate the volume of air passing through a duct. They can be used to balance airflow between different zones in a building, ensuring comfort and efficiency.

- **Manual operation**

Unlike automatic dampers, which are controlled by a thermostat or building management system, manual dampers require a person to adjust them. This is usually done using a lever or a knob connected to the damper.

- **Inline placement**

‘Inline’ refers to the damper being installed within the ductwork, as opposed to at an outlet or intake. This allows for precise control of airflow within the duct system.

- **Applications**

Commonly used in residential and commercial HVAC systems to balance air distribution, shut off air to unoccupied areas, or fine-tune system performance.

- **Installation**

Involves cutting into the ductwork and securing the damper inside the duct. The adjustment mechanism remains accessible from the outside of the duct.



| Code  | Description                  |
|-------|------------------------------|
| R4410 | Manual inline damper Ø150 mm |
| R4411 | Manual inline damper Ø200 mm |
| R4412 | Manual inline damper Ø250 mm |
| R4413 | Manual inline damper Ø300 mm |
| R4414 | Manual inline damper Ø350 mm |
| R4415 | Manual inline damper Ø400 mm |

# Plastic motorised dampers

Device used to control the airflow within heating, ventilation, and air conditioning (HVAC) systems. They offer remote and automatic control, which is useful in buildings where HVAC systems are installed high up or require precise zone control.



## Specification summary

|                             |                          |
|-----------------------------|--------------------------|
| Power supply                | 24 V AC $\pm$ 15%, 50 Hz |
| Connection                  | RJ12 socket and plug     |
| Output                      | 1 RPM, 0.2.5 Nm          |
| Current draw                | $\leq$ 210 MA            |
| Power consumption           | $\leq$ 5 W               |
| Drive open / close time     | 15 secs / 15 secs        |
| Noise (SPL @0.3 m)          | <45 dB                   |
| Ambient temperature         | -10 to +65 °C            |
| Ambient RH                  | <85%                     |
| Weight                      | 0.37 kg                  |
| Degree of protection        | IP21                     |
| Electrical insulation class | III (SELV)               |

| Code  | Description                                          |
|-------|------------------------------------------------------|
| R4501 | Plastic motor damper Ø150 24 V plug in c/w 12 m lead |
| R4502 | Plastic motor damper Ø200 24 V plug in c/w 12 m lead |
| R4503 | Plastic motor damper Ø250 24 V plug in c/w 12 m lead |
| R4504 | Plastic motor damper Ø300 24 V plug in c/w 12 m lead |
| R4505 | Plastic motor damper Ø350 24 V plug in c/w 12 m lead |
| R4506 | Plastic motor damper Ø400 24 V plug in c/w 12 m lead |

# Other

## Copper pair coil 20 m

|        |                                                   |
|--------|---------------------------------------------------|
| R4310: | 6.35 x 9.53 mm ( $\frac{1}{4}$ - $\frac{3}{8}$ )  |
| R4311: | 6.35 x 12.70 mm ( $\frac{1}{4}$ - $\frac{1}{2}$ ) |
| R4312: | 9.53 x 15.90 mm ( $\frac{3}{8}$ - $\frac{5}{8}$ ) |
| R4316: | 9.53 x 19.10 mm ( $\frac{3}{8}$ - $\frac{3}{4}$ ) |
| R4317: | 6.35 x 15.90 mm ( $\frac{1}{4}$ - $\frac{5}{8}$ ) |

Pre-insulated copper coil. Easy to shape and bend. Can be used in tight spaces without insulation being ripped or damaged. 20 m coils eliminates the need to seal joins every two metres.



## R4314

### Mounting feet PVC 420 mm

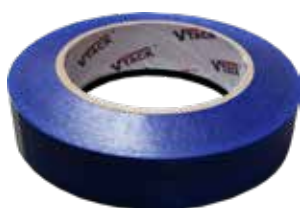
Plastic mounting feet with horizontal grooves that allow fixing in any position. Comes with screw packs to allow the feet to be secured to the ground. Maximum weight 140 kg.



## R4390

### Strap hanging 25 mm x 50 mm roll

Polypropylene woven strap designed for hanging flexible ducting. Durable, lightweight, and easier to install than metal strapping. Readily moulds to the shape of the ducting, and can be easily cut.



## R4395

### Tape duct grey 48 x 30 m

Vinyl tape with high adhesive strength. Can be stretched easily without breaking. Suitable for air conditioning duct joining and sealing. Flame retardant.



## R4456

### 90 degree bend 400 mm insulated

Duct fitting that changes the direction of airflow by 90 degrees, allowing for turns in the ductwork.



## R4457

### 90 degree bend 450 mm insulated

Duct fitting that changes the direction of airflow by 90 degrees, allowing for turns in the ductwork.





**Gas ducted specific  
accessories and  
spares**



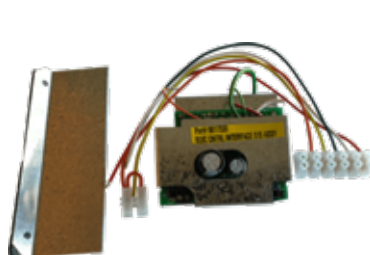
# Controllers

| Code          | Description                               |
|---------------|-------------------------------------------|
| B015136       | ACC Network 506 module 240 V              |
| B017530       | Elect control interface 519 assembly      |
| B018855       | Elect control interface 529 assembly      |
| B022880       | ACC thermostat digital CTB                |
| B023178       | ACC network 516 module low voltage        |
| B024892       | ACC power module NPM-1                    |
| B061006       | ACC zoneplus 4-zone control pack          |
| B062214       | 539 interface BX3/2PWN/CC3                |
| B063283       | ACC add on relay pack                     |
| CNTRLHTRPROGE | Rinnai programmable thermostat            |
| B022890       | Rinnai Networker NC6                      |
| B024891       | Rinnai Zoneplus remote temperature sensor |
| B063047       | Rinnai Touch NC7 controller               |
| R4500         | Rinnai Touch Wifi controller kit          |

**B015136**



**B017530**



**B018855**



**B022880**



Digital room thermostat, an easy to operate manual thermostat. Requires 2 x AA batteries.

On/Off, backlight, and temperature adjustment. Temperature set-point range 5-35 °C.

IP30.

Recommended for CC3 / BX3.

**B023178**



**B024892****B061006**

ZonePlus works in unison with any Rinnai SP series ducted gas heater with 5 or 6 star efficiencies.

Pack includes controller and 3 sensors.???

**B062214****B063283**

The relay pack acts as an intermediary, allowing different parts of the system to communicate and work together efficiently.

**CNTRLHTRPROGE**

The Programmable Controller can operate in either auto or manual modes. To program you simply preset temperatures and times for the heating/cooling system to turn on and off. This Controller is also suitable for Bravis ICE™ system with the Classic Heater Range.

**R022890****B024891****B063047**

Recommended for BX5, SP5, and SP6.

**R4500**

Must also have the NC7 or NC6 controller. Recommended for BX5, SP5, SP6. Kit contains module, 20 m cable, screw pack and instructions.

# Flashings

Flashings are components used in HVAC installations, specifically for ducted heating and cooling systems. They are designed to seal and protect areas where ducts or pipes pass through walls, roofs, or other structures.

Flashings help prevent water, dust, and debris from entering the building through these openings, ensuring the system operates efficiently and reducing the risk of damage or leaks.



| Code    | Description                             |
|---------|-----------------------------------------|
| B019001 | Flashing 150B15/20 standard             |
| B019002 | Flashing buff 15/20/20XA 200 mm         |
| B019003 | Flashing buff 15/20/20XA 250 mm         |
| B019004 | Flashing buff 15/20/20XA 300 mm         |
| B019005 | Flashing buff 15/20/20XA 350 mm         |
| B019006 | Flashing buff 15/20/20XA 400 mm         |
| B019007 | Flashing 150 B26 standard               |
| B019008 | Flashing buff 26/26XA 200 mm            |
| B019009 | Flashing buff 26/26XA 250 mm            |
| B019010 | Flashing buff 26/26XA 300 mm            |
| B019011 | Flashing buff 26/26XA 350 mm            |
| B019012 | Flashing buff 26/26XA 400 mm            |
| B021955 | ACC flashing 75 mm S/Pro 21/23 standard |
| B021956 | ACC flashing 75 mm S/Pro 30 standard    |
| B021972 | Flashing 150 mm S/Pro 30                |
| B021973 | Flashing 200 mm S/Pro 30                |
| B021974 | Flashing 250 mm S/Pro 30                |
| B021975 | Flashing 300 mm S/Pro 30                |
| B021976 | Flashing 350 mm S/Pro 30                |
| B021977 | Flashing 150 mm S/Pro 21/23             |
| B021978 | Flashing 200 mm S/Pro 21/23             |
| B021979 | Flashing 250 mm S/Pro 21/23             |
| B021980 | Flashing 300 mm S/Pro 21/23             |
| B021981 | Flashing 350 mm S/Pro 21/23             |

# StarPro Series - Accessories

| Code    | Description                              |
|---------|------------------------------------------|
| B009040 | Union body 3/4 inch male                 |
| B021385 | External Flue terminal assembly XXeXX    |
| B061775 | ACC conversion kit NG-LPG SP623          |
| BO61776 | ACC conversion kit NG-LPG SP630          |
| B061777 | ACC conversion kit NG-LPG SP635          |
| B063244 | Flue kit remote internal stainless steel |
| B063279 | ACC conversion kit LPG-NG SP23 35        |
| B063280 | ACC conversion kit LPG-NG SP30           |
| R4379   | Plate adapter 350 x 300 SP623 kit        |

**B009040**



**B021385**



- Waterproof flue terminal
- Neck size 60 mm
- Push fit
- YouTube video <https://www.youtube.com/watch?v=Uqhg8pVbU6I>

**B061775**



**B063279**



**R4379**



The adaptor plate kit consists of two plates (supply air and return air). Designed for use when installing a SP6231U externally, where the existing ducting is 300 mm and there is not enough room to fit reducers to the 350 mm connections supplied with the furnace.

# StarPro Series - Laydown kit

The laydown kits allow suitable systems to be installed horizontally, which is common for installations in tight spaces such as crawl spaces, basements, or ceiling spaces.

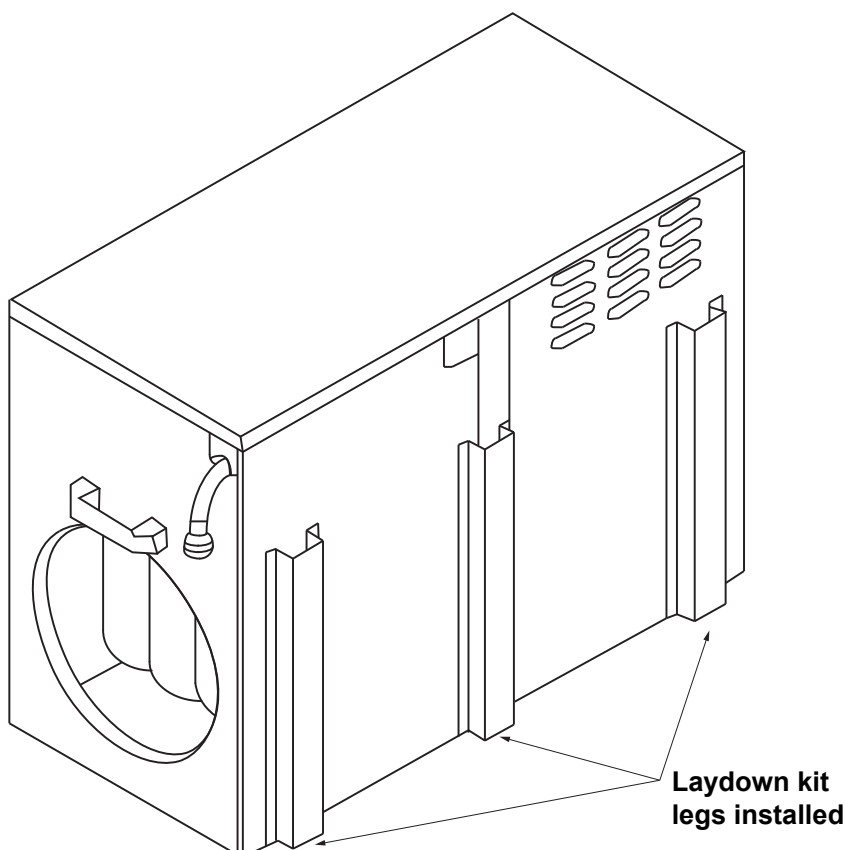
Internal installations only.

Kits contain:

- Three pre-assembled galvanised legs
- Self tapping screws
- Installation instructions



| Code    | Description                        |
|---------|------------------------------------|
| B023208 | Kit laydown StarPro 15/21/23       |
| B023263 | Kit laydown StarPro 30/35 internal |
| B064526 | ACC kit laydown SP5/6U 15~35       |



# Buffalo base boxes

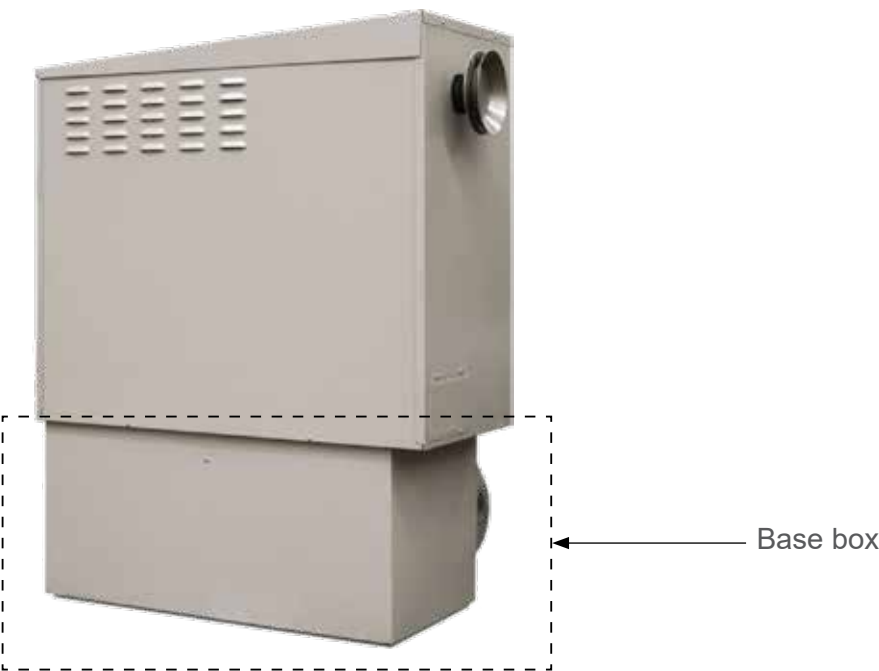
A base box serves several functions:

- **Stability and support:** It provides a stable and secure platform for mounting the heater ensuring it remains upright and steady during operation.
- **Elevation:** It elevates the heater above ground level, protecting it from potential damage caused by water, debris, and other factors that may be present at ground level.
- **Airflow:** By raising the heater, the base box helps ensure adequate airflow around the unit, which is essential for efficient operation and proper ventilation.
- **Ease of installation:** The base box often includes provisions for easier connections to ductwork and gas lines, simplifying the installation process.
- **Protection:** It can offer additional protection to the unit's components from the elements, extending the lifespan of the heater.



Base box comes assembled.

| Code    | Description                     |
|---------|---------------------------------|
| B010466 | Base box assembly 12/20 std     |
| B010576 | Base box assembly 14/26 std     |
| B012131 | Base box 350 mm Buffalo 14/20XA |
| B012134 | Base box 400 mm Buffalo 26XA    |



# Dampers

A gas ducted heating damper is a device used in ducted heating systems to control the flow of heated air through the ductwork. Here's what it does:

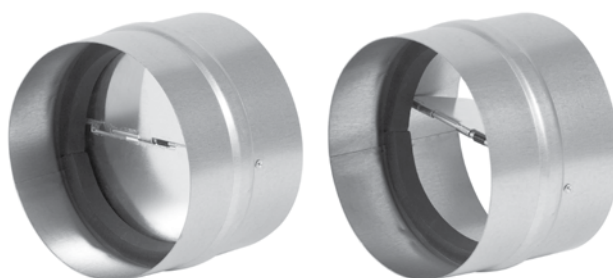
**Regulate Airflow:** The primary function of a damper is to regulate the amount of heated air that flows into different areas or zones of a building. By adjusting the position of the damper, you can control how much air is delivered to specific rooms.

**Zone Control:** In zoned heating systems, dampers are used to create different heating zones within a building. Each zone can be controlled independently, allowing for customized temperature settings in different areas. This improves comfort and can lead to energy savings by heating only the areas that need it.

**Balance System Pressure:** Dampers help balance the pressure within the duct system. Proper balancing ensures that the heating system operates efficiently and reduces wear and tear on the system components.

**Shut Off Airflow:** Dampers can completely shut off airflow to certain areas when heating is not needed, which can be useful in unused or rarely used rooms, further enhancing energy efficiency.

**Improve System Efficiency:** By controlling and optimizing airflow, dampers help the heating system run more efficiently, reducing energy consumption and potentially lowering heating costs.



| Code   | Description                    |
|--------|--------------------------------|
| R4385  | Backflow damper 150 mm         |
| R4386  | Backflow damper 200 mm         |
| R4387  | Backflow damper 250 mm         |
| R4388  | Backflow damper 300 mm         |
| R4400* | Zone damper 150 mm 24 V Belimo |
| R4401* | Zone damper 200 mm 24 V Belimo |
| R4402* | Zone damper 250 mm 24 V Belimo |
| R4403* | Zone damper 300 mm 24 V Belimo |
| R4404* | Zone damper 350 mm 24 V Belimo |
| R4405* | Zone damper 400 mm 24 V Belimo |

\* Model on run out—while stocks last

**R4385**



**R4402**



Example of how a zone damper is connected



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