

RECYCLIT
The UNIQUE Kitchen Waste Chute System



Installation Instructions





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Recyclit was designed for easy installation and can be retro-fitted during a renovation or installed during construction by a competent handyman cabinet maker or the builder, you may wish to install Recyclit yourself so please follow the below installation instructions. If you prefer Recyclit can assist in organising a recommended local installation company.

Careful consideration for the measuring is vital to ensure that the internal and external components connect correctly. Before installing your new Recyclit you will need to find a convenient location in or near your kitchen or pantry to mount the stainless steel flip doors.

Once a location has been chosen making sure that the flip doors are away from your cook top, electrical power points and plumbing. If your home is on a concrete slab, the flip doors are usually fitted in the centre of the splashback above your bench top and below your overhead cupboard.

If your home is on bearers and joists, split level or multi storey, you have more options where to position your new flip doors depending on the height of your house. You can position your flip doors just about anywhere that is convenient and is within reach of your bins.

Please note that Recyclit systems can also be installed through your bench top or cupboard front and then through the floor using extension chutes if there is sufficient room below to store and remove the wheelie bin for disposal, these options can work for most two storey homes Recyclit can also be custom made bigger to suit client's requirements. For either Household waste or Laundry's ask us how.

The Stainless Steel flip doors penetration opening for internal splashbacks or walls are 220mm x 235mm, tile or glass splashback should be fixed to this measurement, the Stainless steel door surround trim overall measurement is 250mm wide x 265mm high which will cover the inside penetration opening when the door is fitted.

RECYCLIT

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A.C.N 148 850 980

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If the external wall is single wall construction i.e. hardy plank, blue board or timber cladding the opening should be 220mm x 240mm high also included is an outside trim which will cover the outside penetration opening. If installing in a brick veneer or double brick wall the external penetration openings size is 240mm wide x 340mm high, also included is an outside trim which will cover the outside penetration opening.

The Stainless Steel self-closing flip doors can be installed on the interior wall or through the bench-top or cupboard face then connected to an angled ventilated chute, which in turn is connected to a bin hood which is screwed to the wall. The specially designed brush seal sits snugly on top of the open Council wheelie bin and will eliminate the entry of rodents and insects while allowing fresh air to be drawn in through the system seal and extracting heat and odours out through the top external vent using the venturi principal.

Recyclit assembly and contents of carton

Part A: Stainless steel self-closing door assembly with S/S front fascia

Part B: Recyclit angled vented wall chute with venturi air vents on both sides of chute

Part C: Wheelie bin canopy hood with specially designed seal and inspection hatch

Part D: Extension chutes 1000mm long with chute wall brackets if required

Part E: External Wall chute trim

Part F: Hardware screws, washers wall plugs etc.

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Tools required for Installing



Spirit level



Angel Grinder



Expansion Foam



Tape Measure



Jig Saw



Silicon



Stanley Knife



Hammer Drill



Philips Head Screw Driver



Duct Tape



Cleaning Cloth

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STEP 1- CHOOSING POSITION FOR FLIP DOORS AND BIN PLACEMENT

Once a location has been chosen make sure that the flip doors are away from your cook top, power points and plumbing. Your Recyclit system will be used many times a day so picking a convenient spot to fit your flip doors is very important. Once the inside door position has been chosen you will then need to visually check outside of your home directly behind the chosen flip door position and measure down to ground level to work out if extension chutes are required and also check if you have enough room for your wheelie bins to be situated.

If you are using only 1 chute and wheelie bin you will need a concrete/paver pad with a minimum of 700mm wide x 700mm deep clearance off the wall and if using 2 chutes and bins you will need a concrete/paver pad minimum of 1400mm wide x 700mm deep off the wall, making sure that there are no windows, hot water systems, down pipes, air-conditioner, taps and raised ground vents in that exclusion zone where the wheelie bins will be permanently located.

STEP 2- WARNING CUTTING HOLES FOR INSTALLATION OPENINGS

On the inside of your kitchen, before cutting any walls please double check again for power points, electrical wiring, plumbing or anything else that will obstruct the system from being fitted in that location. On the outside of your kitchen make sure that there are no windows, hot water systems, down pipes, air-conditioner, taps and raised ground vents in that exclusion zone where the wheelie bins will be permanently located.



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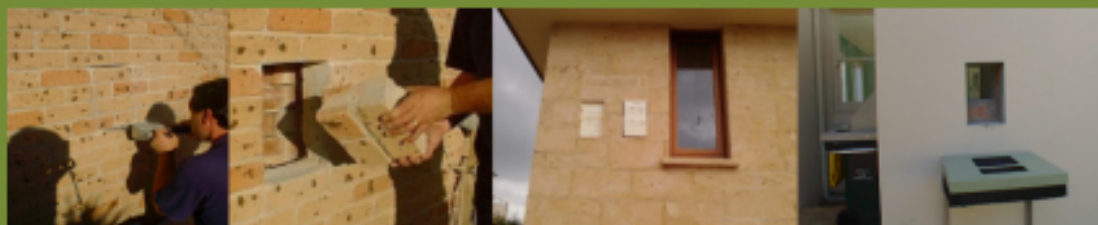
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STEP 3 – TAKING MEASUREMENTS FOR INSTALLATION

Once you are sure of your chosen flip door position to fit your New Recyclit system, inside your home you will now need to take a couple of critical measurements. Place the template of flip doors cut out sizes onto your splashback or pantry remembering to check for levels and electrical plumbing etc. before drilling or cutting. Now drill a 4mm hole from just below top dead centre of the line through to the outside wall, this hole is now used as your datum mark for the outside measurement down to top of the open bin. Cut hole out with a jigsaw or brick & tile saw and make sure that you are careful not to injure yourself using the power tools and electricity. If you are not confident using power tools then enlist the assistance of a handyman, tradesman or if required Recyclit can recommend a local installer or builder in your local area that can install your new Recyclit system.



For timber, brick veneer or double brick homes on a concrete slab or ground level simply place bins together on prepared pad and find the centre position in between your wheelie bins, making sure the pad is level in both directions. Take a measurement from the finished ground level under the bin that the wheels will be sitting on and measure up the wall to the top of the open wheelie bin and add 650mm and mark depending on what bin size is used, (Bin sizes below) extension chutes may be required. This mark represents the top of the clear opening, where your 4mm drill bit drill exited.

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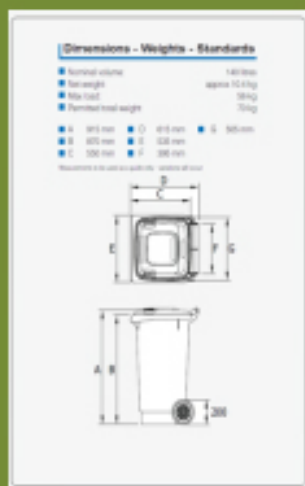


Internal door opening measurements for all wall construction types are 220mm wide x 240mm high, single wall construction external opening is also 220mm wide x 240mm high only. Brick veneer or double brick external measurements are usually equal to 4 standard bricks, 240mm wide x 350mm high, measure from the centre point left 120mm right 120mm and down 350mm for single wall measure down 240mm then mark, for single wall construction measure from this centre point left 120mm right 120mm and down 240mm then mark this represents the bottom of the clear opening.

After the penetrations have been made in the inside and outside wall make sure that the top of the clear openings are parallel and level before you start to install your Recyclit system



120LT MGB



140LT MGB



240LT MGB

See pages 8, 9 and 10 for large drawings

1: Measurement between a combination of a 140L System and a 140L System, 240mm

2: Measurement between a combination of a 140L System and a 240L System, 200mm

3: Measurement between a combination of a 240L System and a 240L System, 180mm

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STEP 4 – FITTING OFF YOUR RECYCLIT SYSTEM

Simply place your wheelie bin on the slab or pad where it will be permanently located once installed and then rest Part C, the canopy hood, on top of the open bin. Then gently insert part B the vented wall chute into the hole in the canopy hood Part C, making sure it's level and parallel then insert Part B, the vented wall chute into the wall opening,, then place spirit level on the back of the hood Part c until level and then from underneath the hood mark the wall in the centre of each of the 8 x 50mm elongated slots in the wall mounting bracket at the back of the canopy hood.

This will give you room to adjust the canopy hood 10mm up and down so that the brush seal is just touching the top lip of the wheelie bin after final installation is complete. Once the holes have been marked, remove the bin and system. Then drill and plug the 8 holes with the screws and wall plugs provided. Place canopy hood against the wall making sure it is level and then tighten the screws through the canopy hood to the wall.

Before tightening off completely adjust the canopy hood so that it is level and that the brush seal is not too tight or too loose on top of the bin to form a good seal all the way around the top of the bin so insects & rodents cannot enter. Also by having a good seal between the top of the bin and the brush seal under the Recyclit hood will allow the venturi vent to extract odours and heat 24hrs a day, keeping your Recyclit system free from smells.

Now insert the stainless steel flip door into the internal penetration hole made in the kitchen wall as a test before final fitting. Make sure that the door sleeve pushes into the wall chute until the door fascia is flush against the inside kitchen wall or splash back and check that it is level and parallel before fixing it permanently to the wall using silicon. Once siliconed to the wall use duct tape to hold the flip door in a level and parallel position until silicon has dried.

Then, on the outside, fill in the gap around the chute and wall with expanding foam and then silicon the wall trim kit into place and allow to dry before using your new Recyclit.

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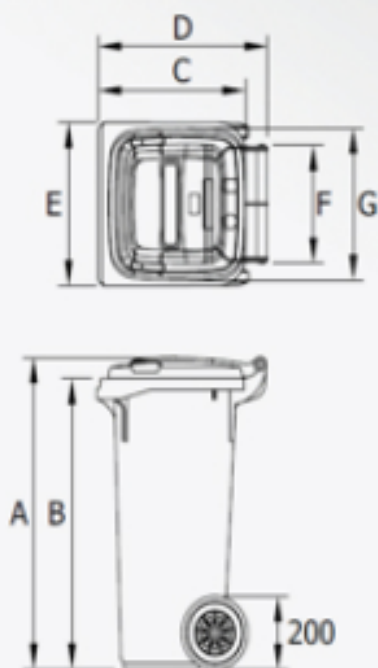
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Dimensions - Weights - Standards

■ Nominal volume:	120 litres
■ Net weight:	approx 9.3 kg
■ Max load:	48 kg
■ Permitted total weight:	60 kg

■ A	930 mm	■ D	545 mm	■ G	480 mm
■ B	870 mm	■ E	480 mm		
■ C	480 mm	■ F	335 mm		

Measurements to be used as a guide only - variations will occur



120LT MGB

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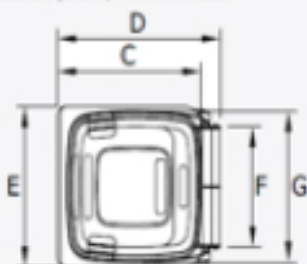
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Dimensions - Weights - Standards

- Nominal volume: 140 litres
- Net weight: approx 10.4 kg
- Max load: 56 kg
- Permitted total weight: 70 kg

- | | | |
|------------|------------|------------|
| ■ A 915 mm | ■ D 615 mm | ■ G 505 mm |
| ■ B 870 mm | ■ E 535 mm | |
| ■ C 550 mm | ■ F 395 mm | |

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140LT MGB

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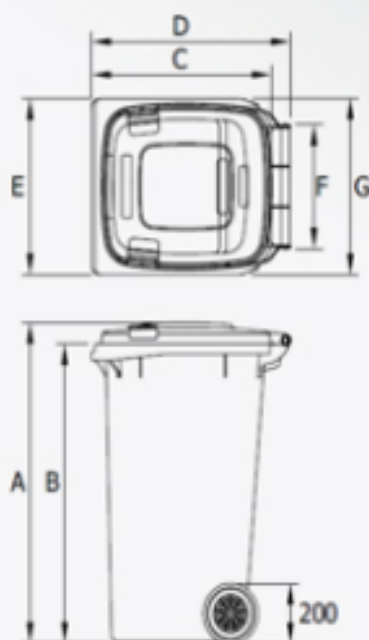
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Dimensions - Weights - Standards

■ Nominal volume:	240 litres	
■ Net weight:	approx 13 kg	
■ Max load:	96 kg	
■ Permitted total weight:	110 kg	
■ A 1060 mm	■ D 730 mm	■ G 550 mm
■ B 990mm	■ E 585 mm	
■ C 660 mm	■ F 400 mm	

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240LT MGB

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