Bathroom & Tiles available at the following locations: • HARVEY NORMAN FLAGSHIP STORE @ AUBURN 9202 4888 • BALGOWLAH SUPERSTORE 9949 0100 • CAMPBELLTOWN SUPERSTORE 4621 5200 • CARINGBAH HOMEMAKER CENTRE 9589 8800 • CASTLE HILL 9840 8800 • GORDON 9496 9200 • LIVERPOOL 9600 3333 • MASCOT 9693 0710 • PENRITH SUPERSTORE 4737 5111 • PUNCHBOWL 9784 4400 • BENNETTS GREEN 4944 5000 • ERINA 4365 9888 • WARRAWONG 4223 8800 • FYSHWICK 6283 1200

Harvey Norman® stores are operated by independent franchisees.
The result is the ultimate flush and washdown performance, creating a more hygienic, optimum bowl clean.

Innovative Flow Splitter for optimum wash coverage

Sculpted Flow Contour for superior washdown

Flow balancer that controls and directs the flush

Flush flow matched in performance to our optimum sump design

A CLEANER CLEAN HAS ARRIVED

The unique rimless design from Caroma delivers a breakthrough flush solution and includes the following innovative flush and flow technology:
We have been up to something,
and it’s time to come clean... really clean.

Specifically created, researched and tested for Australian conditions,
we have developed the latest Australian breakthrough innovation
- Caroma Cleanflush®, our most effective and hygienic toilet.

The new standard has arrived.

IT’S TIME...
TO COME CLEAN

URBANE  LIANO  LUNA
Caroma®

Urbane Cleanflush™
Vitreous China 4.5/3 litre Dual Flush Wall Faced Close-Coupled Rimless Toilet Suite
Combining universal design with rimless pan technology, the Urbane Cleanflush™ is a superior flushing system suitable for domestic and commercial applications. Incorporating several patented technologies: Caroma Flow Splitter™, Caroma Flow Balancer™ and Caroma Uni-Orbital® Connector, the Cleanflush pan is innovative and the next evolution in toilets. The Flow Splitter evenly flows water around the top of the bowl to meet at the Flow Balancer which directs the water powerfully into the sump, reducing the need for brush cleaning. The rimless pan is easy to clean and unlike traditional pan profiles, provides full visibility of any grime build up. Caroma Cleanflush™ provides a cleaner clean for peace of mind.

Pan: Urbane Cleanflush™ wall faced close coupled 4.5 litre full flush rimless pan.
Traps: Universal trap for S or P-trap installations.
Cisterns: Urbane close coupled cistern – has a free fitting lid and is suitable for domestic and light commercial applications. Available with internal overflow, Available in either back entry or bottom inlet options. Cistern inlet stop valve and inlet connection is concealed within the cistern and is included (back entry version only). Vandal Resistant Conversion Kit – A simple to install conversion is available for the standard mechanism to lock lid onto the cistern, recommended for use in heavy use commercial areas. Code No.750109.

Important: Working pressure minimum 30kPa to maximum 1000kPa flow pressure. Rain water tank compliant. Accurate wall setout for B.S.P. 1/2" Nipple water inlet connection is essential.

Fixing: The cistern is fixed directly to the pan with a robust concealed base fixing system without the need for wall fixing.
Seats: The Arc soft close quick release thermoset toilet seat or Arc standard close thermoset toilet seat is provided as standard with the Urbane Cleanflush™ suite. See chapter 5.01 SEATS of the Caroma Technical Manual for further details.
Colours: White only.
Installation: The installation of the toilet suite shall be in accordance with the normal minimum drainline grade requirements in AS/NZS 3500.2.
Dimensions: All dimensions are in millimetres and are subject to normal manufacturing variations. Caroma pursues a policy of continuing improvement in design and performance of its products. The right is therefore reserved to vary specifications without notice.

Note: All height dimensions to underside of pan, make allowance for bedding when installing.
Bedding: The pan should be fixed to the floor with a sand cement mixture of 3:1 to a depth of 60mm. Do not use lime or fast drying cement in the bedding mixture. When bedded the back of the foot of the pan should be approximately 10mm above the finished floor.
Bracket fixing: The pan should be bedded with an acetic cured silicone sealant and fixed with the D82 Fixing Brackets supplied.

Caroma Industries Limited  ABN 35 000 189 499
Sales Offices in all States.
Caroma

Urbane Cleanflush™
Invisi II

4.5/3 litre Dual Flush Toilet Suite with Urbane Cleanflush™ Wall Faced Rimless Vitreous China Pan and Invisi II Cistern for Inwall, Under Counter, Induct or Inceiling applications
Combining universal design with rimless pan technology, the Urbane Cleanflush™ is a superior flushing system suitable for domestic and commercial applications. Incorporating several patented technologies: Caroma Flow Splitter™, Caroma Flow Balancer™ and Caroma Uni-Orbital® Connector, the Cleanflush pan is innovative and the next evolution in toilets. The Flow Splitter evenly flows water around the top of the bowl to meet at the Flow Balancer which directs the water powerfully into the sump, reducing the need for brush cleaning. The rimless pan is easy to clean and unlike traditional pan profiles, provides full visibility of any grime build up. Caroma Cleanflush provides a cleaner clean for peace of mind.

Pan: Urbane Cleanflush™ wall faced back inlet 4.5 litre full flush rimless pan.
Traps: Universal trap for S or P-trap installations.
Inlet: Fully glazed 50mm back inlet for concealed cistern.
Cisterns and Flushvalves: Invisi II Cistern – suitable for inwall, under counter, induct and inceiling applications. For push button and access plate (supplied separately) options see chapter 6.15.1 CISTERNs of the Caroma Technical Manual.
Fixing: The pan can be fixed to the floor by either bedding into mortar or using the supplied D82 Concealed Fixing Bracket.
Seats: The Arc soft close quick release thermoset toilet seat or Arc standard close thermoset toilet seat is provided as standard with the Urbane Cleanflush™ suite. See chapter 5.01 SEATS of the Caroma Technical Manual for further details.
Colours: White only.
Installation: The installation of the toilet suite shall be in accordance with the normal minimum drainline grade requirements in AS/NZS 3500.2.
Dimensions: All dimensions are in millimetres and are subject to normal manufacturing variations. Caroma pursues a policy of continuing improvement in design and performance of its products. The right is therefore reserved to vary specifications without notice.


<table>
<thead>
<tr>
<th>Inwall/Under Counter/Induct/Inceiling</th>
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<tr>
<td>Inwall/Under Counter/Induct/Inceiling with Arc Soft Close Quick Release Seat</td>
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</tr>
<tr>
<td>Inwall/Under Counter/Induct/Inceiling with Arc Standard Close Seat</td>
<td>746110W</td>
</tr>
</tbody>
</table>

Button options: see 6.15.1

Pictured with Caroma Arc soft close seat
Liano Cleanflush™ Easy Height

4.5/3 litre Vitreous China Wall Faced Close Coupled Toilet Suite for People with Accessible Applications

A universal design, the Liano Cleanflush™ Easy Height wall faced toilet suite features a raised height seat, clean simple lines and concealed plumbing fittings providing for optimum appearance and ease of cleaning. Ideal for aged care applications where a raised seat height offers the advantage of easier use for persons with restricted movement.

The pan connection system includes the patented Caroma Uni-Orbital® Connector for increased installation flexibility. The Caroma Uni-Orbital® Connector extends to any position in a 50mm radius, unlike traditional connectors that only move backwards and forwards. The suite is suitable for use in domestic and commercial projects, and also for ambulant applications. Fitted with chrome plated metal push buttons, the smooth sided pan design offers a seamless finish to your bathroom.

Featuring rimless pan technology, the Liano Cleanflush™ Easy Height Invisi II® is a superior flushing system suitable for commercial and domestic applications. Incorporating several patented technologies, the Caroma Flow Splitter™ evenly flows water around the top of the bowl to meet at the Caroma Flow Balancer™ which directs the water powerfully into the sump. The Caroma Cleanflush™ pan is easy to clean, provides full visibility of any grime build up and provides a cleaner clean with every flush for peace of mind.

Pan: Liano Cleanflush™ Easy Height 4.5 litre full flush washdown rimless pan with a fully glazed trap.

Traps: Universal trap for S or P-trap installations.

Cisterns: Liano cistern – has a free fitting lid and is suitable for domestic and light commercial applications. Available as internal overflow, Standard back entry only. Cistern inlet stop valve and inlet flex tube connection is concealed within the cistern and is included.

Vandal Resistant Conversion Kit – A simple to install conversion kit is available for the standard mechanism to lock the lid onto the cistern, recommended for use in heavy duty commercial areas. Code No.750109. Important: Working pressure minimum 30kPa to maximum 1000kPa flow pressure. Rain water tank compliant. Accurate wall setout for B.S.P. 1/2" Nipple water inlet connection is essential.

Buttons: Round Button (supplied). Other button options sold separately. See section 4 - CARE BUTTONS for further details.

 Seats: The Liano Care single flap soft close quick release thermoset toilet seat or Liano double flap soft close thermostat quick release toilet seat, available in Caroma White (W), Sorento Blue (SB) and Anthracite Grey (AG), is provided as standard with the Liano suite. A quality solid section compression moulded toilet seat, fitted with buffers and metal hinges. See Section 3 - SEATS for further details.

Colour: White only.

Installation: The installation of the toilet suite shall be in accordance with the normal minimum drainline grade requirements in AS/NZS 3500.2.

Dimensions: All dimensions are in millimetres and are subject to normal manufacturing variations. Caroma pursues a policy of continuing improvement in design and performance of its products. The right is therefore reserved to vary specifications without notice.

Note: All height dimensions to underside of pan, make allowance for bedding.

Bedding: The pan should be fixed to the floor with a sand cement mixture of 3:1 to a depth of 60mm. Do not use lime or fast drying cement in the bedding mixture. When bedded the back of the foot of the pan should be approximately 10mm above the finished floor.

Bracket fixing: The pan should be bedded with an acetic cured silicone sealant and fixed with the D82 bracket supplied.
Liano Cleanflush™ Easy Height Invisi II

4.5/3 litre Dual Flush Toilet Suite with Liano Cleanflush™ Easy Height Wall Faced Rimless Vitreous China Pan and Invisi II Cistern for Inwall, Under Counter, Induct or Inceiling applications
Combining universal design with rimless pan technology, the Liano Cleanflush™ Easy Height is a superior flushing system suitable for domestic and commercial applications. Incorporating several patented technologies: Caroma Flow Splitter™, Caroma Flow Balancer™ and Caroma Uni-Orbital® Connector, the Cleanflush pan is innovative and the next evolution in toilets. The Flow Splitter evenly flows water around the top of the bowl to meet at the Flow Balancer which directs the water powerfully into the sump, reducing the need for brush cleaning. The rimless pan is easy to clean and unlike traditional pan profiles, provides full visibility of any grime build up. Caroma Cleanflush provides a cleaner clean for peace of mind.

Pan: Liano Cleanflush™ Easy Height back inlet 4.5 litre full flush rimless pan.

Traps: Universal trap for S or P-trap installations.

Inlet: 50mm back inlet for concealed cistern and flushvalve installation.

Cisterns and Flushvalves: Caroma Concealed Cistern options available – Invisi II Under Counter/Inwall/Induct/Inceiling Cisterns, Compact Under Counter Dual Flush Cistern, Slimline Induct Cistern, Schell WC Flushvalve Inwall/Induct see Section 6.

Fixing: The pan can be fixed to the floor by either bedding into mortar or using the supplied D82 Concealed Fixing Bracket.

Seats: The Liano Care single flap soft close quick release thermoset toilet seat or Liano single flap standard close thermoset toilet seat, available in Caroma White (W), Sorrento Blue (SB) and Anthracite Grey (AG), is provided as standard with the Liano suite. A quality solid section compression moulded toilet seat, fitted with buffers and metal hinges.

Colours: White only.

Installation: The installation of the toilet suite shall be in accordance with the normal minimum drainline grade requirements in AS/NZS 3500.2.

Dimensions: All dimensions are in millimetres and are subject to normal manufacturing variations. Caroma pursues a policy of continuing improvement in design and performance of its products. The right is therefore reserved to vary specifications without notice.

### Inwall Installation

Inwall Installation

- **Liano Cleanflush Easy Height Invisi II**
- **Dimensions:**
  - **Access plate and buttons:**
    - **210** mm
    - **110** mm
  - **Invisi II cistern**
    - **90** mm
  - **Pan foot level**
    - **25** mm
  - **Recommended 140mm, range 60 - 165mm:**
    - (up to 50mm sideways adjustment)

### Under Counter Installation

- **Liano Cleanflush Easy Height Invisi II**
- **Dimensions:**
  - **Access plate front mount buttons**
    - **Note:** Seat will partially cover push button in this installation
  - **Invisi II cistern**
    - **185** mm
  - **Pan foot level**
    - **25** mm
  - **Recommended 140mm, range 60 - 165mm:**
    - (up to 50mm sideways adjustment)

### Technical Specifications

- **Liano Cleanflush Easy Height Invisi II 4.5/3 litre Toilet Suite with Back Inlet Pan, Internal Overflow Cistern and Seat**
  - **Code No.:**
    - **Seat Colour:**
      - W, SB or AG

- **Button options:** see 6.15.1
Luna Cleanflush™
Vitreous China 4.5/3 litre Dual Flush Wall Faced Close-Coupled Rimless Toilet Suite

Revision: 1.0
Date: February 2017
Supersedes all previous issues

3.19.2

cleanflush

WATER RATING
www.waterrating.gov.au
3.5 litres per flush
4.5 litres per half flush
5.5 litres per full flush
In accordance with AS/NZS 4996
License No. 006
Ceramic Wastewater Product

Ham Norman
Combining a contoured design with rimless pan technology, the Luna Cleanflush™ is a superior flushing system suitable for domestic and commercial applications. Incorporating several patented technologies: Caroma Flow Splitter™, Caroma Flow Balancer™ and Caroma Uni-Orbital® Connector, the Cleanflush pan is innovative and the next evolution in toilets. The Flow Splitter evenly flows water around the top of the bowl to meet at the Flow Balancer which directs the water powerfully into the sump, reducing the need for brush cleaning. The rimless pan is easy to clean and unlike traditional pan profiles, provides full visibility of any grime build up. Caroma Cleanflush™ provides a cleaner clean for peace of mind.

Pan: Luna Cleanflush™ wall faced close coupled 4.5 litre full flush rimless pan.

Traps: Universal trap for S or P-trap installations.

Cisterns: Universal close coupled cistern – has a free fitting lid and is suitable for domestic and light commercial applications. Available with internal overflow. Available in either back entry or bottom inlet options. Cistern inlet stop valve and inlet connection is concealed within the cistern and is included (back entry version only). Vandal Resistant Conversion Kit – A simple to install conversion is available for the standard mechanism to lock lid onto the cistern, recommended for use in heavy use commercial areas. Code No. 750109.

Important: Working pressure minimum 30kPa to maximum 1000kPa flow pressure. Rain water tank compliant. Accurate wall setout for B.S.P. 1/2” Nipple water inlet connection is essential.

Fixing: The cistern is fixed directly to the pan with a robust concealed base fixing system without the need for wall fixing.

Seats: The Xena soft close quick release thermoset toilet seat is provided as standard with the Urbane Cleanflush™ suite. See chapter 5.01 SEATS of the Caroma Technical Manual for further details.

Colours: White only.

Installation: The installation of the toilet suite shall be in accordance with the normal minimum drainline grade requirements in AS/NZS 3500.2.

Dimensions: All dimensions are in millimetres and are subject to normal manufacturing variations. Caroma pursues a policy of continuing improvement in design and performance of its products. The right is therefore reserved to vary specifications without notice.

Note: All height dimensions to underside of pan, make allowance for bedding when installing.

Bedding: The pan should be fixed to the floor with a sand cement mixture of 3:1 to a depth of 60mm. Do not use lime or fast drying cement in the bedding mixture. When bedded the back of the foot of the pan should be approximately 10mm above the finished floor.

Bracket fixing: The pan should be bedded with an acetic cured silicone sealant and fixed with the D82 Fixing Brackets supplied.