

Rinnai MODULAR SECURITY CAGE

("Cage 01L", "Cage 01R" and "Cage 01C")

INSTALLATION INSTRUCTIONS

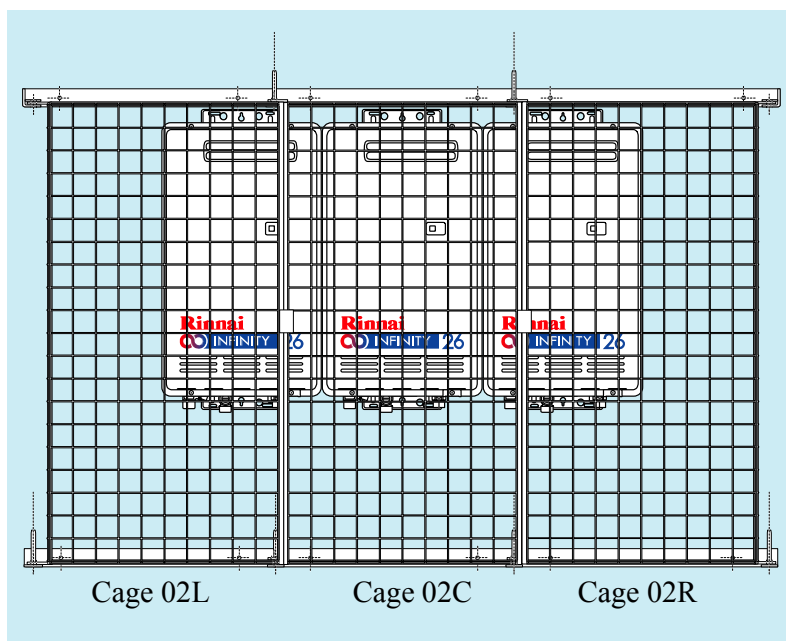
The Modular Security Cage is suitable for all externally manifolded Rinnai Infinity Installations. Models include, **Infinity 16** (REU 1616W-AK), **Infinity 18** (REU 2018W-AK), **Infinity 20** (REU 2020W-AK), **Infinity 26** (REU V2626W-AK), **Infinity 32** (REU V3232W-AK), **HD200E** (REU V2632WC-AK) and **HD250E** (REU V3232WC-AK).

The Modular Security Cage is adaptable to cover most manifolded installations from a minimum of 1 meter using "Cages 02L and 02R", and by adding extra modules of "Cage 02C" to extend the length to cover the installation.

"Cage 01L" - Covers the left end, 500mm wide.

"Cage 01R" - Covers the right end, 500mm wide.

"Cage 01C" - Extends the length of the installation in 500mm sections.

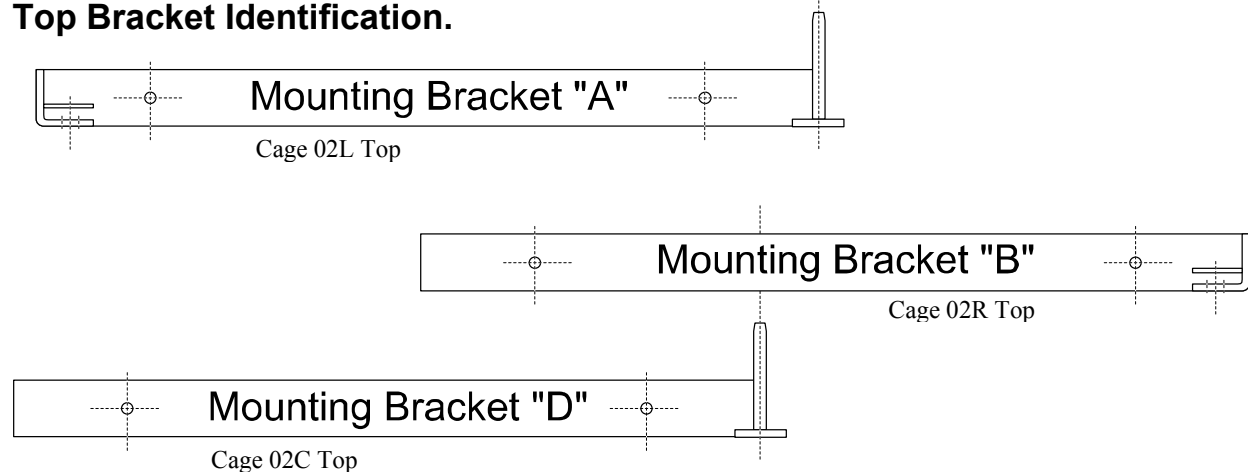


Determine the total length of the installation allowing clearance on each end. Calculate the required modules at 500mm wide to cover the installation. This must include a "Cage 02L and Cage 02R", extending to the required length adding "Cage 02C" modules.

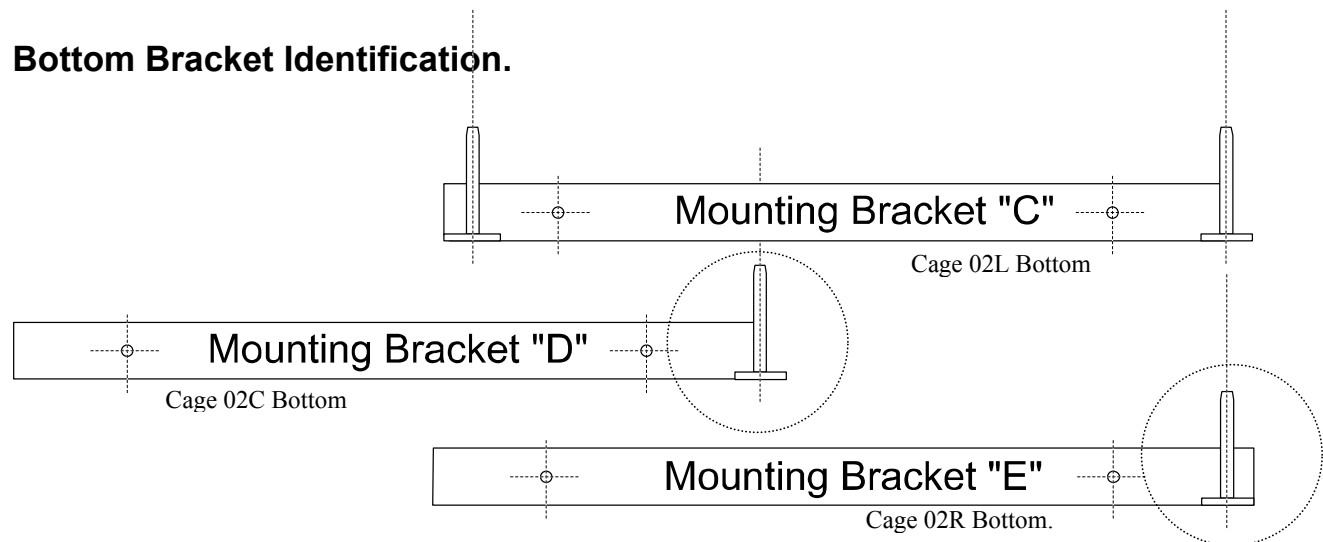
Module Contents.

Components	Module		
	Cage 02L	Cage 02R	Cage 02C
Cage	Left End Module	Right End Module	Center Module
Top bracket	Type A	Type B	Type D
Bottom Bracket	Type C	Type E	Type D
DBZ 6/35 Hilti Tap-ins	4	4	4
Installation Instructions	1	1	1

Top Bracket Identification.

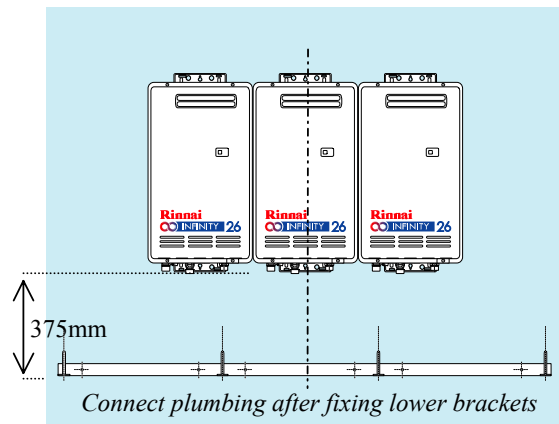


Bottom Bracket Identification.



The Modular Cage assembly **MUST** be installed from Left to Right.

1. Hang the bank of Rinnai Infinity Hot Water Heaters.
Note: *The Infinity is supplied with 2 Shear nuts for added security; install one top and bottom on each appliance.*
2. Starting from the left, align the required number of bottom bracket across the bottom of the manifolded Infinities.
The bottom of these brackets should be 375mm below the bottom of the lower bracket on the Infinity.
3. Horizontally align and center the bottom row of brackets across the installation. Ensure the retaining brackets on each cage will not conflict with the pipe connection on the Infinity hot water heaters.



Left Module

4. The Left Module **Must** be installed **first**.
5. Level and mark the position of the bottom left bracket "C", including the two fixing holes that secure the bracket.
6. Secure the bottom bracket "C" with the two Hilti Tap-ins provided (See Hilti tap in instructions Page 3).
7. Level and fit the remaining bottom brackets across the installation. All centre modules use bracket "D" and right module use bracket "E".

8. Plumb the gas and water connections, maintaining a clearance between the retaining pins on each cage module.
9. Fit the left hand module ("Cage 02L") on the bottom left bracket and level vertically. Slide top bracket "A" behind the cage and mark the bracket position and securing holes.
10. Secure the top bracket "A" with the two Hilti Tap-ins provided (See Hilti tap in instructions Page 3).

Center Modules

11. With Cage 02L in place fit the center module ("Cage 02C") on the bottom bracket, ensuring a positive fit in the locating bracket on the first module. Level vertically and slide top bracket "D" behind the cage and mark the bracket position and securing holes.
12. Secure the top bracket "D" with the two Hilti Tap-ins provided (See Hilti tap in instructions Page 3).

Right Module

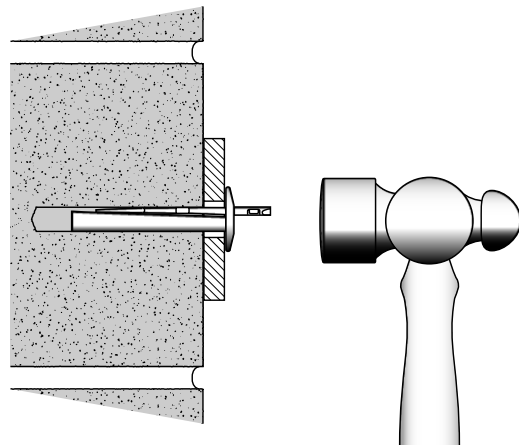
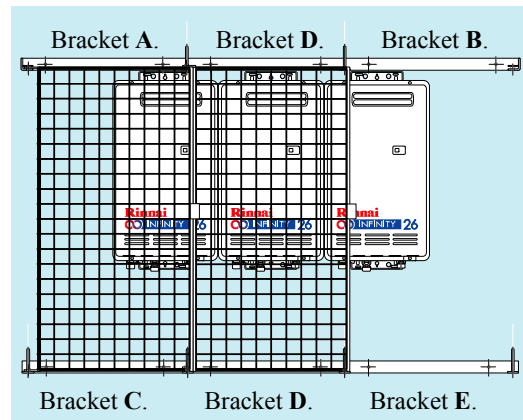
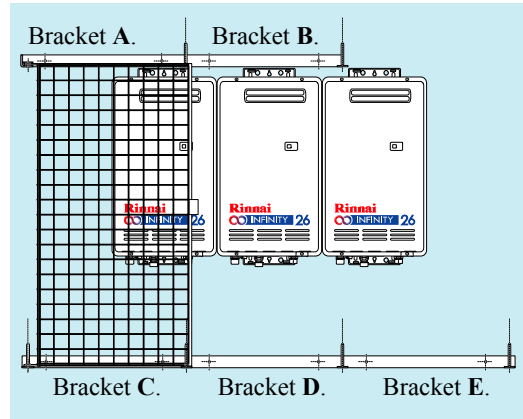
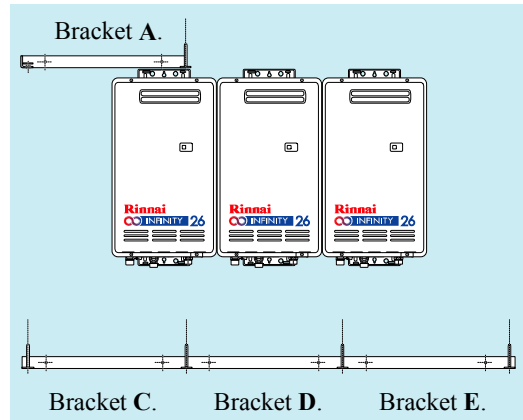
13. With "Cage 02L AND 02C" in place fit the Right module ("Cage 02R") on the bottom bracket, ensuring a positive fit in the locating bracket on the center module. Level vertically and slide top bracket "B" behind the cage and mark the bracket position.
14. Secure the top bracket "B" with the two Hilti Tap-ins provided (See Hilti tap in instructions Page 3).
15. Fit the right cage (Cage 02R).
16. **Secure installation with 2 suitable padlocks on the top outside modules.**
17. To remove cages. Unlock and remove padlocks, remove modules one at a time from **right to left**.

For installations with,

1. **2 cages** follow steps 1 – 10 then 13 – 15.
2. **4 or more cages** repeat steps 11 and 12 for each center module ("Cage 02C").

Hilti tap-in installation

- Drill 2 x 6mm holes 41mm deep and insert the tap-ins through the bracket.
- When satisfied the bracket is located in the correct location, knock in the top of the pin to be flush with the head.
- Note: The head of the fixing device must not extend more than 8mm from the face of the bracket to allow the cage to be removed.



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