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SagaSave HA2333A

SagaSave Type A G1/2 Thread Tee Connector User Manual

Model: HA2333A

1. Product Overview

The SagaSave Type A G1/2 Thread Tee Connector is a durable fitting designed for connecting and branching pipe systems. Constructed from copper with an electroplated finish, it offers a robust and reliable solution for various applications.
This T-shaped connector features one inlet and two outlets, all with G1/2 threads, allowing for versatile connections in water, gas, and air pipe systems.

Key Features:

- **Durable Material:** Made from copper with an electroplated finish for longevity and corrosion resistance.
- **Versatile T-Shape Design:** Features a 3-way connection (one inlet, two outlets) for efficient pipe branching.
- **Easy Installation:** Designed for quick and straightforward setup with good sealing properties.
- **Standard G1/2 Thread:** Compatible with common G1/2 threaded pipes and fittings.
- **Multi-Purpose Application:** Suitable for water piping, indoor gas systems, and solar air conditioning setups.



Image 1.1: Front view of the SagaSave G1/2 Thread Tee Connector, showcasing its brass finish and threaded connections.



Image 1.2: Close-up views highlighting the precision-machined threads and internal structure of the tee connector, ensuring a secure fit.

2. Specifications

Specification	Detail
Model Number	HA2333A
Type	Tee Connector (Type A)
Material	Copper, Electroplated
Color	Brass
Thread Type	G1/2 (1/2 inch)
Connection Openings	One inlet, two outlets

Specification	Detail
Item Weight	0.05 Kilograms (approx. 1.76 ounces)
Package Dimensions	6.14 x 6.1 x 1.26 inches

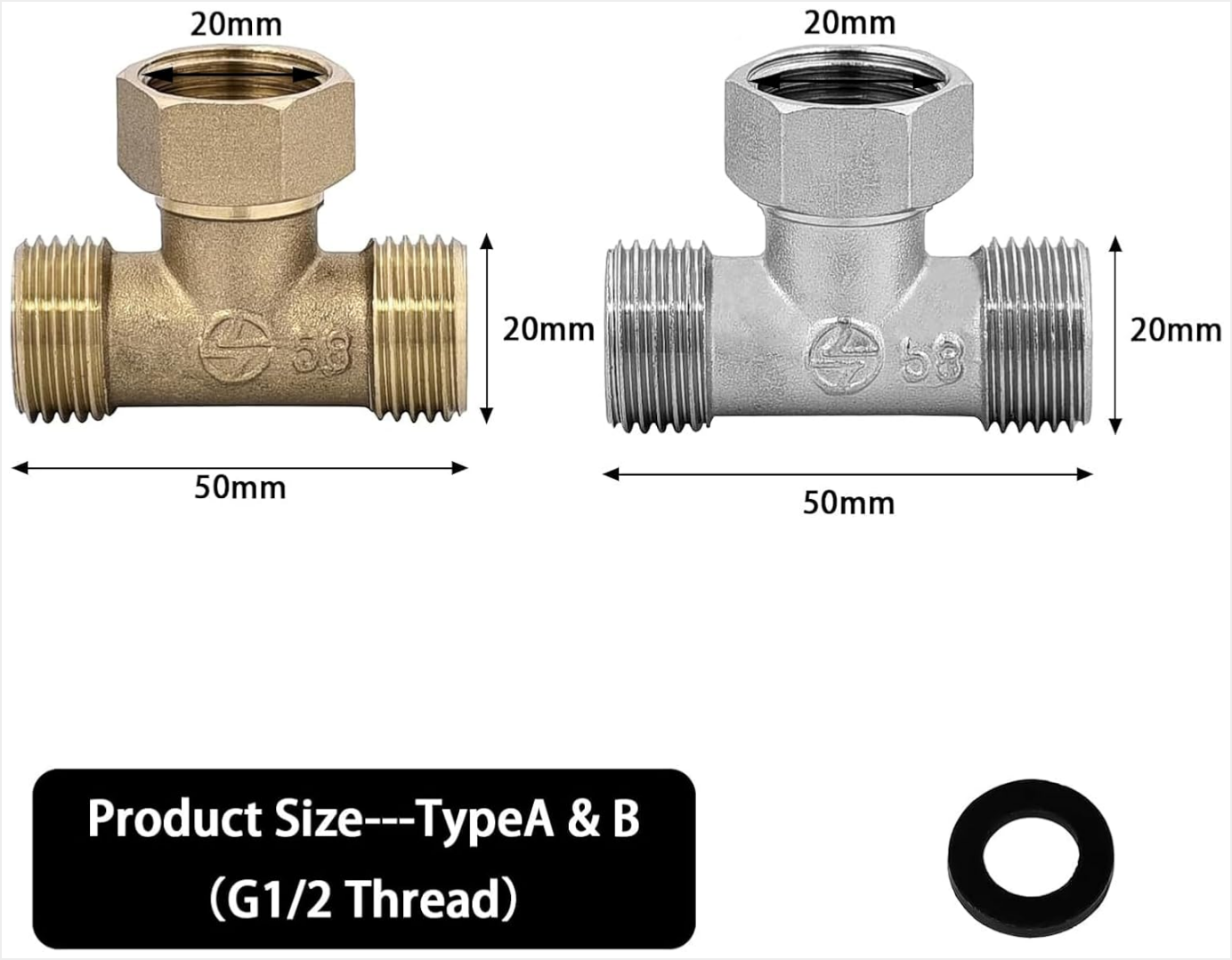


Image 2.1: Diagram showing the dimensions of Type A (brass) and Type B (silver) G1/2 Thread Tee Connectors, indicating 20mm thread diameter and 50mm overall length.

3. Setup and Installation

The SagaSave Tee Connector is designed for straightforward installation. Follow these steps to ensure a secure and leak-free connection.

Required Tools (Not Included):

- Adjustable wrench or pipe wrench
- Thread seal tape (PTFE tape) or pipe sealant

Installation Steps:

1. **Prepare Connections:** Ensure the pipe ends you intend to connect are clean, free of debris, and have compatible G1/2 male or female threads.
2. **Apply Sealant:** Wrap thread seal tape clockwise around the male threads of the pipes you will connect to the tee connector. Apply 3-5 wraps for a good seal. Alternatively, apply a suitable pipe sealant.

3. **Connect Inlet:** Identify the inlet port (typically the bottom port when the tee is oriented horizontally, or the single port on the main line if branching off). Thread the main supply pipe into this port. Hand-tighten first, then use a wrench for a final snug turn (do not overtighten).
4. **Connect Outlets:** Thread the two branch pipes into the outlet ports. Hand-tighten, then use a wrench for a final snug turn.
5. **Check Orientation:** Ensure the tee connector is oriented correctly for your application (e.g., for a second faucet or toilet tank connection as shown in Image 3.2).
6. **Leak Test:** Slowly turn on the water or gas supply and carefully inspect all connections for any leaks. If leaks are detected, tighten the connection slightly or reapply sealant.

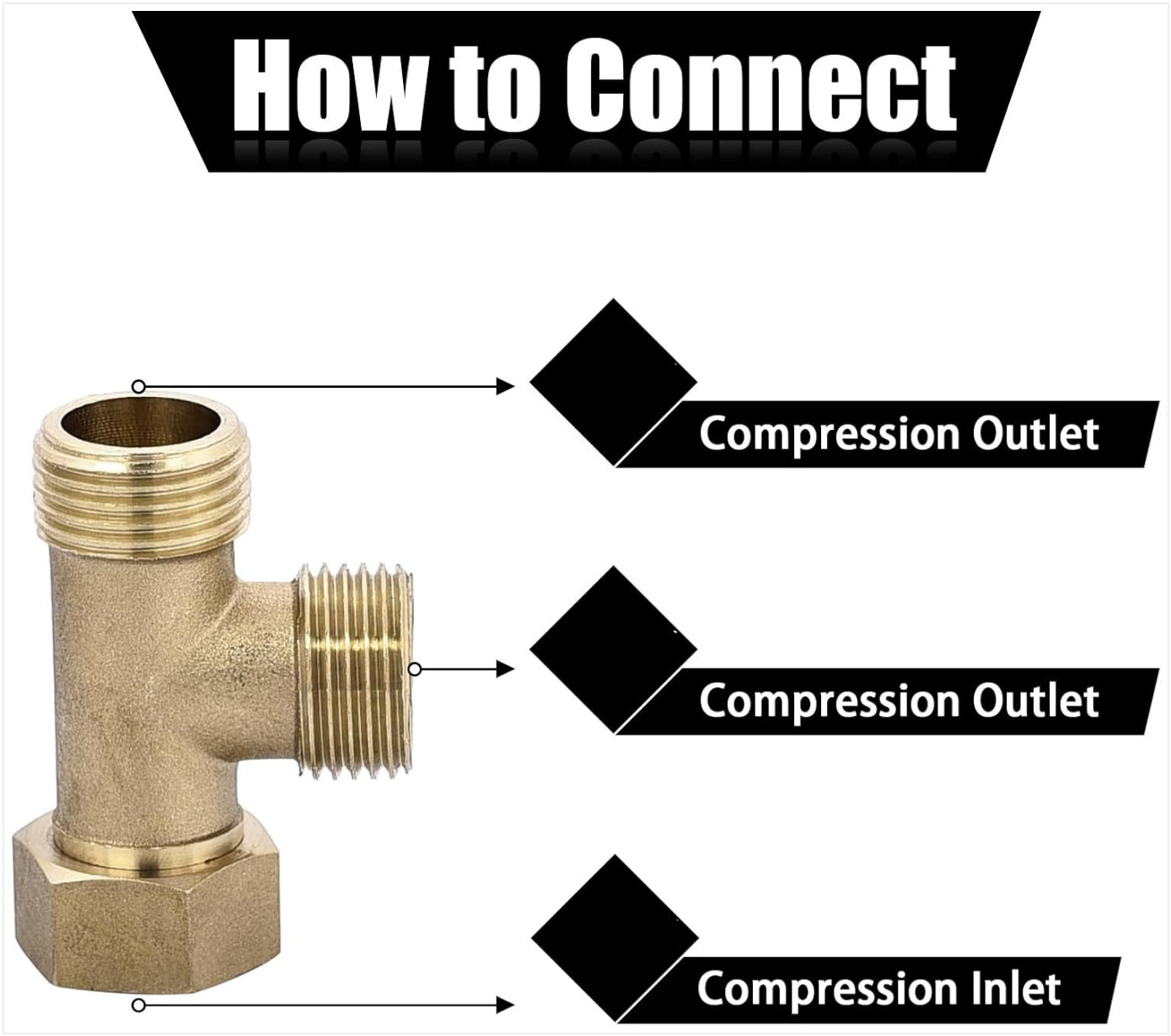


Image 3.1: Diagram illustrating the compression inlet and two compression outlet points on the tee connector, indicating the flow direction.

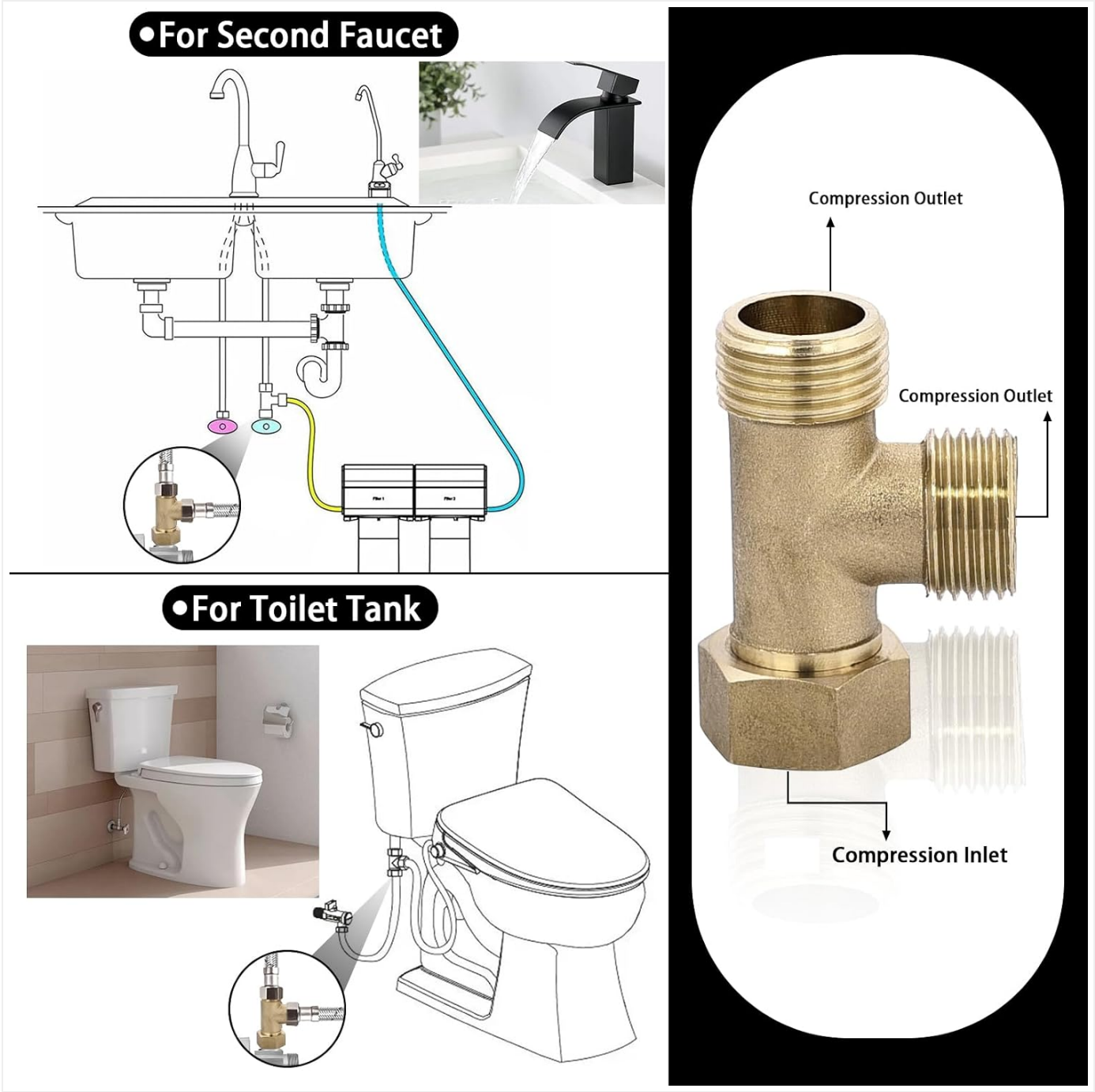


Image 3.2: Visual examples demonstrating typical installation scenarios for the tee connector, including connecting to a second faucet under a sink and diverting water for a toilet tank.

4. Operating Instructions

Once installed, the SagaSave Tee Connector operates passively as a pipe diverter. No specific operational steps are required beyond ensuring proper installation and monitoring for leaks.

- Ensure all connections are tight and leak-free before restoring full system pressure.
- Regularly check the connections for any signs of wear or leakage, especially after initial installation and during routine system checks.

5. Maintenance

The SagaSave Tee Connector requires minimal maintenance due to its durable construction. However, periodic checks can help ensure its longevity and proper function.

- **Visual Inspection:** Periodically inspect the connector and surrounding pipes for any signs of corrosion, damage, or leaks.
- **Cleaning:** If installed in an exposed area, wipe down the exterior with a damp cloth to remove dust or grime. Avoid abrasive cleaners that could damage the electroplated finish.
- **Leak Checks:** For critical applications, perform routine leak checks, especially if the system pressure fluctuates or if the connector is subject to vibrations.

6. Troubleshooting

If you encounter issues with your Tee Connector, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Leakage at connection points	◦ Insufficient thread sealant (tape or paste) ◦ Loose connection ◦ Damaged threads on pipe or connector ◦ Incorrect thread type (e.g., NPT vs. G-thread)	◦ Turn off supply, disassemble, reapply thread sealant generously, and re-tighten. ◦ Ensure connections are snug with a wrench, but do not overtighten. ◦ Inspect threads for damage. If damaged, replace the affected component. ◦ Verify that all connected pipes use G1/2 threads.
Difficulty threading connector	◦ Misalignment of pipes ◦ Cross-threading ◦ Incompatible thread type	◦ Ensure pipes are perfectly aligned before attempting to thread. ◦ Unscrew, realign, and try again. Never force the connection. ◦ Confirm all components have G1/2 threads.
Reduced flow after installation	◦ Debris lodged in the connector ◦ Over-tightened connection deforming a washer (if applicable)	◦ Turn off supply, disassemble, and check for any obstructions inside the connector. ◦ Ensure washers (if used) are not overly compressed or damaged.

7. Warranty and Support

Information regarding specific warranty terms or direct customer support for the SagaSave Tee Connector is not provided in this manual. For warranty claims or technical assistance, please refer to your purchase documentation or contact the retailer from whom the product was purchased.
For general inquiries, you may visit the SagaSave brand page on Amazon.

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