

OWNER'S MANUAL

TSHV R32 HIGH WALL SPLIT



IMPORTANT

As with any product that has moving parts or is subject to wear and tear, it is **VERY IMPORTANT** that you maintain your air conditioner and have it regularly serviced. Accordingly, it is a condition of warranty cover for your air conditioner that you comply with all of the maintenance and service requirements set out in this manual. Compliance with these requirements will prolong the life of your air conditioner. Furthermore, it is also a condition of warranty cover that the Maintenance Schedule in the manual is filled out (by signing and dating it in the places indicated) when the item is completed.

ANY FAILURE TO CARRY OUT THE REQUIRED MAINTENANCE AND SERVICING, AND ANY FAILURE TO FILL OUT THE MAINTENANCE SCHEDULE, WILL VERY LIKELY VOID YOUR WARRANTY.

(For complete warranty terms, refer to the separate Warranty Booklet sold with the product. Alternatively, visit <https://www.seeleyinternational.com/warranty/> to download the terms. Warranty terms are subject to property access and industry safety standards.)

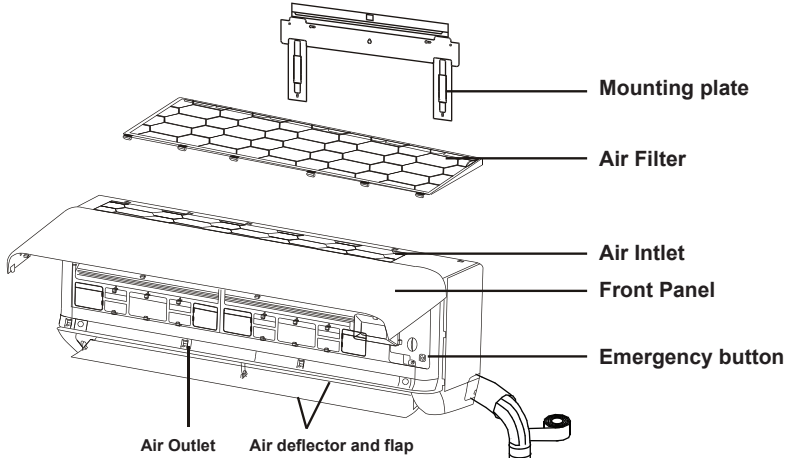
Outdoor Unit	Indoor Unit	Capacity Cool/Heat
TCHV25T1S	TSHV25T1S	2.80kW / 2.65kW
TCHV35T1S	TSHV35T1S	3.50kW / 4.50kW
TCHV50T1S	TSHV50T1S	5.20kW / 5.20kW
TCHV70T1S	TSHV70T1S	7.20kW / 7.20kW
TCHV80T1S	TSHV80T1S	8.20kW / 8.50kW

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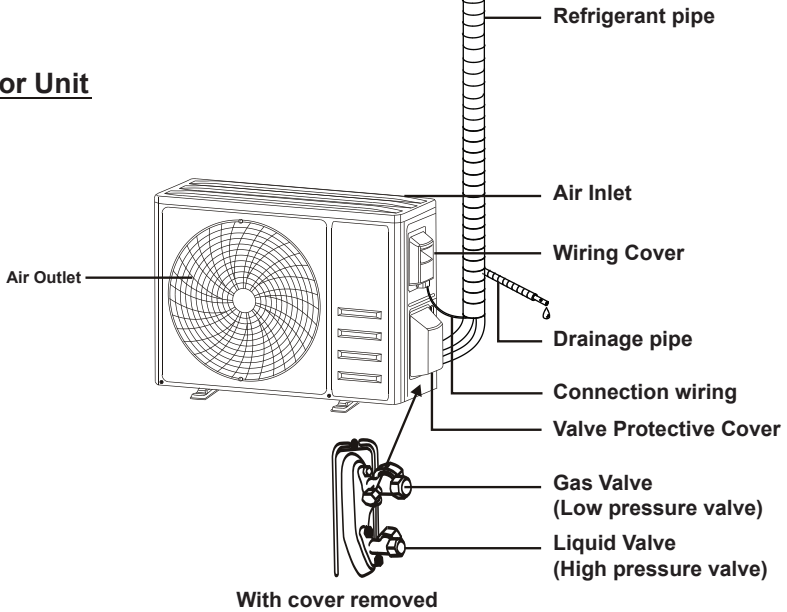
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TYPICAL INSTALLATION / DIAGRAM OF KEY COMPONENTS

Indoor Unit



Outdoor Unit



INTRODUCTION & SAFETY

Congratulations on purchasing a new Braemar Appliance!

Please keep this Manual and the Warranty Booklet in a safe place, along with the original purchase documents, plus all relevant certificates of compliance relating to the installation work performed. Please register the Warranty straight away, by following the steps set out in the Warranty Booklet.

The installer must read the Installation Manual before installing the Braemar Appliance. The home owner/user should read the Owner's Manual before operating the appliance.

To ensure the warranty on the appliance is continued and valid, the appliance must be checked and serviced by a Qualified Licensed Technician as per the requirements in the Maintenance & Service section and the Maintenance Schedule. This will also prolong the life of your air conditioner.

The home owner/user should regularly check the Air Inlet side of the Outdoor unit (see the diagram on page 2) to ensure grass, leaf and other matter are not drawn into or onto the Inlet side of the Outdoor unit. Restriction to the air flow across the coil will reduce the system's capacity, and result in high operation pressures and excessive operating costs.

The air filter should be inspected and cleaned at least every two months when the Braemar Appliance is used.

IMPORTANT!

THE AUSTRALIAN GREENHOUSE OFFICE HAS ISSUED VARIOUS REGULATIONS ON THE USE AND DISPOSAL OF REFRIGERANTS IN THE UNIT. FAILURE TO FOLLOW THESE REGULATIONS MAY HARM THE ENVIRONMENT AND COULD LEAD TO THE IMPOSITION OF SUBSTANTIAL FINES.

WHERE SPECIFIED, ONLY QUALIFIED AND LICENSED TECHNICIANS SHOULD PERFORM WORK ON THIS UNIT, FAILING WHICH THE WARRANTY ON THE UNIT WILL BE VOID.

WARNING! This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Any unventilated area where the appliance is installed shall be so constructed that should any refrigerant leak, it will not stagnate so as to create a fire or explosion hazard.

OPERATION

Your Braemar Appliance has been designed and built with reliable, quality components. To ensure many years of trouble free, dependable service please read the following pages very carefully, and please ensure that you follow all of the instructions.

REMOTE CONTROLLER

Please follow the below cautionary notes when using the remote controller:-

Ensure there are no obstructions between the cassette receiver and the remote controller.

Don't let the remote control drop onto hard surfaces or be subjected to sudden shocks in any way. Don't allow the remote control to get wet. The warranty does not cover misuse or accidental damage.

Don't place the remote control in direct sunlight, or near extremes of temperature. This will affect the control's temperature reading.

Don't place near strong electromagnetic waves.

Don't mix old and new batteries! If the remote control will not be used for a long time, remove the batteries to avoid corrosion.

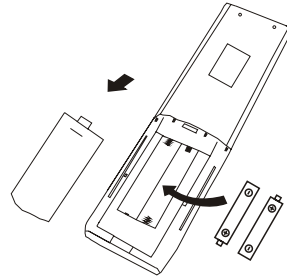
Before operating the air conditioner, please read this manual carefully and keep it in a safe place for future reference.

NOTE: This is a generic remote control, used for multiple types of air conditioner. Not all functions shown on the remote control may be operational for this unit.

CHANGING BATTERIES

Push down on the battery panel to open the battery compartment area.

Insert 2 x AAA 1.5V batteries, ensuring the polarity aligns with the markings in the battery compartment (refer below)

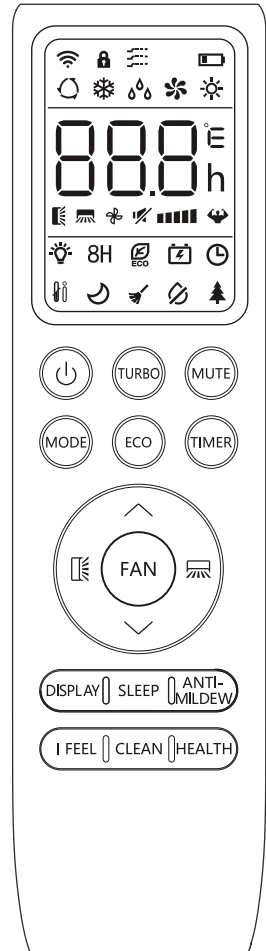


If the remote controller does not activate, remove the batteries and reinsert after waiting 30 seconds.

OPERATION cont.






CONTROLLER DISPLAY

Symbol	Meaning
	Signal indicator
	Child-lock
	Gentle wind
	Battery indicator
	Auto mode
	Cooling mode
	Dry mode
	Fan only mode
	Heating mode
	Temperature indicator
	Up-down auto swing
	Left-right auto swing
	Mute function
	Fan speed
	TURBO function
	Display ON/OFF
	8°C heating function (N/A)
	ECO mode
	GEN function (N/A)
	Timer
	I FEEL function
	SLEEP function
	Self-Clean function
	Anti-Mildew
	HEALTH function (N/A)



OPERATION cont.


CONTROLLER BUTTON LAYOUT

Button	Function
	To turn on/off the air conditioner.
TURBO	To activate/deactivate the TURBO function.
MUTE	To switch-on/off the MUTE function.
MODE	To select the mode of operation (AUTO, COOL, DRY, FAN, HEAT).
ECO	To activate/deactivate the ECO function.
TIMER	To set the time for timer on/off.
MODE + TIMER	To activate/deactivate the CHILD-LOCK function.
	To increase temperature, or Timer setting hours.
	To decrease temperature, or Timer setting hours.
	To stop or start horizontal flaps louvre movement or set the desired up/down air flow direction.
	To stop or start vertical deflectors louvre movement or set the desired left/right air flow direction.
FAN	To select the fan speed of auto/mute/low/low-mid/mid/mid-high/high/turbo.
FAN + MUTE	To activate/deactivate the GENTLE WIND function.
DISPLAY	To switch-on/off the LED display.
SLEEP	To switch-on/off the function SLEEP.
ANTI-MILDEW	To activate/deactivate the ANTI-MILDEW function.
I FEEL	To switch-on/off the I FEEL function.
CLEAN	To activate/deactivate the SELF-CLEAN function.
HEALTH	Not Available.

OPERATION cont.


COOLING MODE

The cooling function allows the air conditioner to cool the room and reduce Air humidity at the same time.

To activate the cooling function (COOL), press the MODE button until the  symbol appears on the display. With the up or down buttons, set a temperature lower than that of the room.


FAN MODE

Fan mode, air ventilation only.

To set the FAN mode, press MODE until  appears on the display.


DRY MODE

This function reduces the humidity of the air to make the room more comfortable.

To set the DRY mode, Press MODE until  appears in the display. An automatic function of pre-setting is activated.


AUTO MODE

Automatic mode.

To set the AUTO mode, press MODE until  appears on the display. In AUTO mode the run mode will be set automatically according to the room temperature.

HEATING MODE

The heating function allows the air conditioner to heat the room.

To activate the heating function (HEAT), press the MODE button until the  symbol appears on the display.

With the up or down buttons set a temperature higher/lower than that of the room.

In HEATING operation, the appliance can automatically activate a defrost cycle, which is essential to clean the frost on the condenser so as to recover its heat exchange function. This procedure usually lasts for 2-10 minutes. During defrosting, indoor unit fan stop operation. After defrosting, it resumes to HEATING mode automatically.

FAN SPEED FUNCTION



Change the operating fan speed.

Press FAN button to set the running fan speed, it can be set to AUTO/ MUTE/ LOW/ LOW-MID / MID/ MID-HIGH/ HIGH/ TURBO speed circularly.



CHILD-LOCK FUNCTION

1. Long press MODE and TIMER button together to activate this function, and repeat to deactivate this function.
2. Under this function, no single button will activate.

OPERATION cont.

TIMER FUNCTION ---- TIMER ON



To automatically switch on the appliance.

When the unit is switch-off, you can set the TIMER ON.

To set the time of automatic switch-on as below:

1. Press TIMER button first time to set the switch-on, and will appear on the remote display and flashes.
2. Press up or down button to set desired Timer-on time. Each time you press the button, the time increases/ decreases by half an hour between 0 and 10 hours and by one between 10 and 24 hours.
3. Press TIMER button second time to confirm.
4. After Timer-on setting, set the needed mode (Cool/ Heat/ Auto/ Fan/ Dry), by press the MODE button. And set the needed fan speed, by press FAN button. And press up or down to set the needed operation temperature.

CANCEL it by pressing TIMER button.

TIMER FUNCTION ---- TIMER OFF



To automatically switch off the appliance.

When the unit is switch-on, you can set the TIMER OFF.

To set the time of automatic switch-off, as below:

1. Confirm the appliance is ON.
2. Press the TIMER button at first time to set the switch-off. Press up or down button to set the needed timer.
3. Press TIMER button at the second time to confirm.

CANCEL it by pressing TIMER button.

Note: All programming should be operated within 5 seconds, otherwise the setting will be cancelled.

I FEEL FUNCTION

This function enables the remote control to measure the temperature at its current location, and send this signal to the air conditioner to optimize the temperature around you and ensure comfort.

It will automatically deactivate 2 hours later.

Press I FEEL button to activate the function, the will appear on the remote display.

Repeat to deactivate this function.

GENTLE WIND FUNCTION

1. Turn on the indoor unit, and change to COOL mode, long press FAN and MUTE button together 3 seconds to activate this function, will appear on the display. Repeat to deactivate it.



2. This function will auto close the vertical flaps, and give you the comfortable gentle wind feeling



OPERATION cont.

SWING FUNCTION





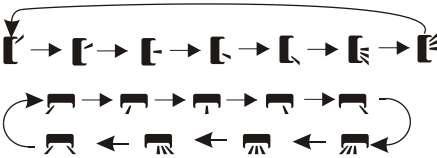
1. Press the button SWING to activate the louver,

1.1 Press  to activate the horizontal louvers to swing from up to down, the  will appear on the remote display.

1.2 Press  to activate the vertical deflectors to swing from left to right, the  will appear on the remote display.

1.3 Repeat to stop the swing movement at the current angle.


2. Long press  or  over 3 seconds to select more angles of the airflow direction.



Never position Flaps manually, the delicate mechanism might get seriously damaged!


Never put fingers, sticks or other objects into the air inlet or outlet vents. Such accidental contact with live parts might cause unforeseeable damage or injury.

TURBO FUNCTION

To activate turbo function, press the TURBO button, and  will appear on the controller. Press again to cancel this function.

In COOL/ HEAT mode, when you select TURBO feature, the appliance will switch to quick COOL/HEAT mode and operate at the highest fan speed setting.

MUTE FUNCTION


1. Press MUTE button to activate this function, and  will appear on the remote display. Repeat to deactivate this function.

2. When the MUTE function is activated, the controller will display the auto fan speed, and the indoor unit will operate at lowest fan speed to help experience a quiet feeling.

3. When FAN/ TURBO button is pressed, the MUTE function will be cancelled. MUTE function can not be activated under dry mode.

SLEEP FUNCTION

Pre-setting automatic operating program.


Press SLEEP button to activate the SLEEP function, and  appears on the display. Press again to cancel this function.

After 10 hours running in sleep mode, the air conditioner will change to the previously set mode.

OPERATION cont.

ECO FUNCTION

In this mode the appliance automatically sets the operation to save energy.



Press the ECO button, the  appears on the display, and the appliance will run in ECO mode.


Press again to cancel it.

Note: The ECO function is available in both COOLING and HEATING modes.

SELF-CLEAN FUNCTION

This function helps carry away the accumulated dirt, bacteria, etc from the indoor evaporator.

To activate this function, turn off the indoor unit at first, then press CLEAN button then you will hear a beep,  will appear on the indoor LED, and  will appear on the remote display .

This function will run about 30 minutes, and it will return to the pre-setting mode. You can press  button to cancel this function during the process. You will hear 2 beeps when it's finished or cancelled.

It's normal if there is some noise during this function process, as plastic materials expand with heat and contract with cold.

We suggest operating this function at the following ambient conditions to avoid certain safety protection features.



INDOOR UNIT	TEMP < 30°C
OUTDOOR UNIT	5°C < TEMP < 30°C

It's suggested to utilize this

function every 3 months.

ANTI-MILDEW FUNCTION



Press  button to activate the ANTI-MILDEW function,  will appear on the display. Repeat to deactivate this function. After running COOL/DRY for more than 30 minutes, you can operate this function, the unit will blow airflow for about 15 minutes to dry the inner parts to avoid mildew, then shuts off the unit.

Note: ANTI-MILDEW function only available in DRY/COOLING mode.

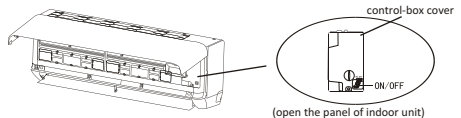
DISPLAY FUNCTION

This function switches the display on or off.

Press DISPLAY button to switch off the LED display on the panel. Press again to switch on the LED display.

EMERGENCY OPERATION

If the remote controller is lost or damaged, you can use the 'aux' button to turn on or off the air conditioner. Open the front panel, press aux. button to turn on (or off) the air conditioner. Air conditioner will operate in AUTO mode.



WIFI FUNCTION

Refer to separate WiFi function user manual included with the unit.

ERROR DISPLAY

Your High Wall Air Conditioner includes abnormal operation detection hardware and software. If the unit enters an abnormal state, the temperature indication on the fascia display will blink to display a corresponding error code.

Error codes and their descriptions are listed in the table below.

Error Code	Error Description
E0	Indoor and outdoor communication fault.
E1	Indoor room temperature sensor fault.
E2	Indoor pipe temperature sensor fault.
E3	Outdoor pipe temperature sensor fault.
E4	Refrigerant system leakage or fault.
E6	Malfunction of indoor fan motor.
E7	Outdoor ambient temperature sensor fault.
E8	Outdoor discharge temperature sensor fault.
E9	Outdoor IPM module fault.
EA	Outdoor current detect fault.
EE	Outdoor PCB EEPROM fault.
EF	Outdoor fan motor fault.

Note: if there are other error codes displayed, please contact Seeley qualified service agents for details.

Please note the error code displayed when contacting Seeley service.

FAULT CONDITIONS

If the below conditions should occur, please turn off the air conditioner and isolate its power immediately, and then contact the Seeley qualified service agents for assistance.

- Abnormal sound during operation.
- Circuit breaker is continually tripping.
- Burning smell is noticed.
- Indoor unit is leaking water.

MAINTENANCE AND SERVICE

SAFETY

Always isolate power for the air conditioner from electricity mains before cleaning or maintenance.

INDOOR COIL

Ensure drain connections are checked on an annual basis (as set out in the Maintenance Schedule below). Drains can become blocked by all types of insects, and rats have been known to chew through the drain to get to the water in the pipe.

OUTDOOR UNIT

The Outdoor unit draws air through the appliance to expel the heat generated during the cooling cycle. We recommend checking that plants haven't grown into or around the air intake or outlet, along with other debris that may build up over time, namely, leaves and the like.

REFRIGERANT

A lack of refrigerant, due to a leak, will cause the compressor to overheat and expire prematurely. You will notice a decline in cooling effect and an increase in power consumption.

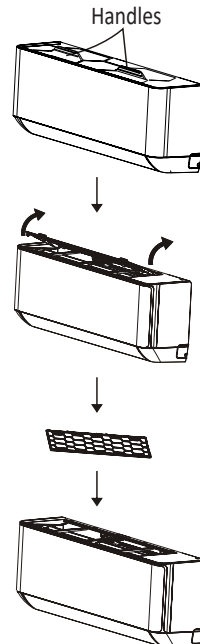
Therefore, having a qualified, licensed technician service your air conditioner will save you money in the long term.

PLEASE REFER TO THE NEXT PAGE FOR THE MAINTENANCE SCHEDULE

AIR FILTER

It is important to check and clean the air filter as per the Maintenance Schedule. A dirty air filter will not allow the correct amount of clean air to pass through your air conditioner, resulting in poor performance and increased running costs. Please follow the below steps:-

- Grasp the raised handle on the filter by hand, and then pull the filter out in the direction deviating from the unit, so that the upper edge of the filter is separated from the unit.
- The filter can be removed by lifting the filter upwards.
- When installing the filter, first insert the lower end of the filter screen into the corresponding position of the unit, and then squeeze the upper end of the filter into the corresponding buckling position of the unit body.



MAINTENANCE SCHEDULE

Please NOTE: The Maintenance Schedule covers Year 1 to Year 5

Installation Date:	/ /	Installer:					
Items to be done by the Home Owner/User (please sign in the places indicated)							
	Monthly	Annually	Year 1	Year 2	Year 3	Year 4	Year 5
Air filter cleaning	✓						
Air filter replacement		✓					
Maintain required clearance around Outdoor unit		✓					

Items to be done by a Qualified Licensed Technician (Home owner/user must ensure that the technician signs and dates in the places indicated)	
	Annually
Check, clean or replace filter	✓
Check drain from indoor coil	✓
Check Outdoor unit clearances – maintain garden and debris	✓
Check refrigerant charge	✓
Check refrigeration connections for soundness	✓
Check outdoor fans	✓
Check electrical connections	✓
Check overall installation	✓
Report to the home owner/user all tasks that require attention	✓

Year 1 - Date:	/ /	Technician:	
Year 2 - Date:	/ /	Technician:	
Year 3 - Date:	/ /	Technician:	
Year 4 - Date:	/ /	Technician:	
Year 5 - Date:	/ /	Technician:	

To preserve your investment for many years after the expiry of warranty, we strongly recommend that you continue to maintain and service the Braemar Air Conditioner appliance as per the items and frequency set out in the Schedule, and as indicated elsewhere in the Owner's Manual.

OPERATION TIPS

The following events may occur during normal operation:

1. Protection of the air conditioner

Compressor protection

- The compressor cannot restart for 3 minutes after it stops.
- The supply air drops below a pre-determined set point; this prevents the indoor coil from freezing

2. White mist coming out from the Indoor unit.

- A white mist may generate due to a large temperature difference between air inlet and air outlet on COOL mode in an indoor environment that has a high relative humidity.

3. Low noise of the air conditioner.

- You may hear a low hissing sound when the compressor is running or has just stopped running.
This sound is the sound of the refrigerant flowing or coming to a stop
- You can also hear a low “squeak” sound when the compressor is running or has just stopped running
This is caused by heat expansion and cold contraction of the plastic parts in the Unit when the temperature is changing

4. Low noise of the air conditioner.

This is a normal condition when the air conditioner has not been used for a long time or during first use of the Unit.

5. A peculiar smell comes out from the Indoor unit.

This is caused by the Indoor unit giving off smells permeated from building material, from furniture or smoke (for example if someone is cooking food).

6. FAN operation during COOL mode.

When indoor air temperature reaches the setting on the remote controller, the compressor will stop operating and after approximately 60 seconds the indoor fan will stop blowing air. When the room temperature rises back to the set point, the indoor fan and the compressor will start again.

WARRANTY & SERVICE

For prompt, efficient service, please follow the above before calling the appropriate number below.

For Cooling Issues

1300 650 644

When calling the Warranty Service number or booking an on-line service, please ensure you have your model and serial number available, along with date of purchase, and if possible a description of the problem. Refer to your Warranty Booklet for details, terms and conditions.

NOTE:

Seeley International strives for continuous product improvements, therefore specifications are subject to change without notice. Unit colour may vary slightly from that depicted in this booklet.

Installation and commissioning of this system to the manufacturer's specification, and compliance with industry standards, and local, state and national regulatory codes, are the responsibility of the installer.

Information in this booklet was true and correct at the time of publishing.
E & OE.

Warranty Registration (Australia Only)

To register your warranty, go to
www.seeleyinternational.com



Warranty Service

Australia: 1300 650 644

seeleyinternational.com

It is the policy of Seeley International to introduce continual product improvement.
Accordingly, specifications are subject to change without notice.
Please consult with your dealer to confirm the specifications of the model selected.