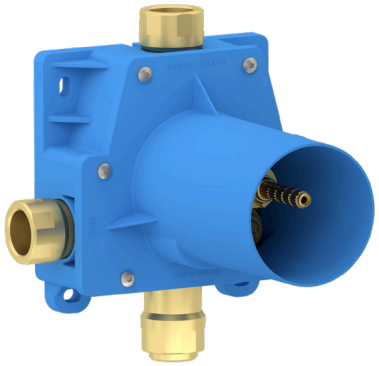
SAMUEL HEATH

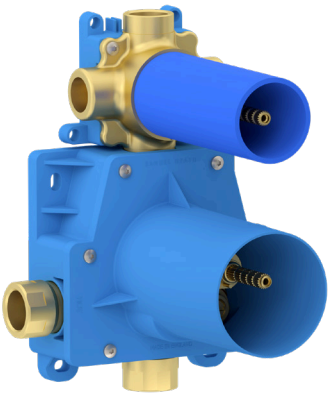
Product Data Sheet

V1133-AIS/ V1134-AIS/ V1111-AIS/ V1112-AIS/ V1132-AIS/ V1135-AIS

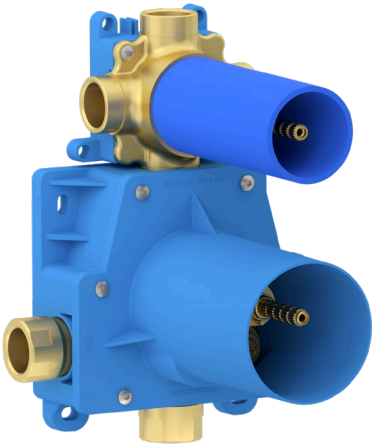
Concealed ½” Thermostatic Rough



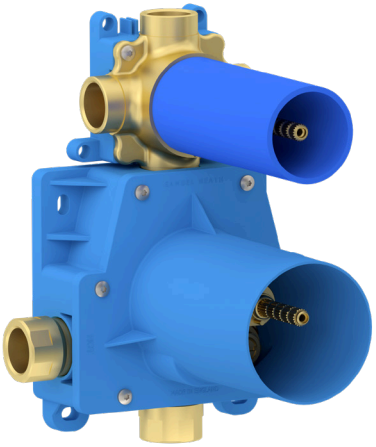
V1133-AIS: Open thermo with no flow control, 2 outlets



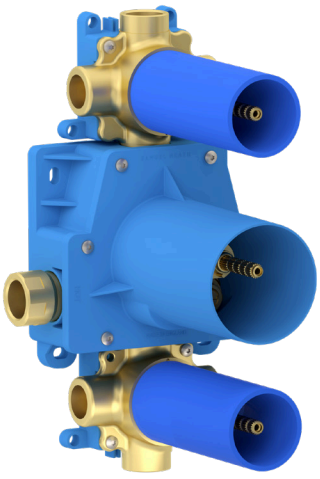
V1134-AIS: Thermo with one flow control



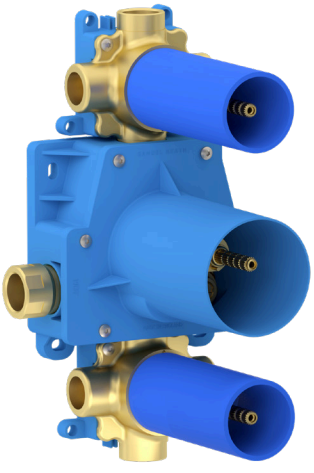
V1111-AIS: Thermo with 2-way divertor



V1112-AIS: Thermo with 3-way divertor



V1132-AIS: Thermo with 2-way divertor and one flow control



V1135-AIS: Thermo with two flow controls

Pre-Installation Notes

Refer to fitting depths prior to installation.

Ensure the ‘Essential Information’ section on the following page is read before installation.

Suitable to a maximum temperature of 120 degrees Fahrenheit.

Essential Information

To ensure this thermostatic valve rough is installed correctly, these guidelines must be read, understood and followed in full.

These guidelines must be handed to the owner / user for future reference.

Installation must be carried out by a professional licensed contractor.

WARNING: The installation depth of the thermostatic valve rough is measured from the back of the rough to the surface of the finished wall.

Check that all the parts required for proper installation are present.

This thermostatic valve rough has anti-scald protection. The risk of scalding exists until the installer has properly calibrated the temperature setting during the final trim installation.

If this thermostatic valve rough is not used for a period of over 2 months, then the water supply should be shut off and a flow control should be opened to allow the water in the thermostatic valve rough to evaporate, in order that the cartridge is not exposed to stagnant water which can cause damage to the cartridge.

The thermostatic valve rough must be protected at all times from frost as this can cause cracks in the components, leading to water leakage.

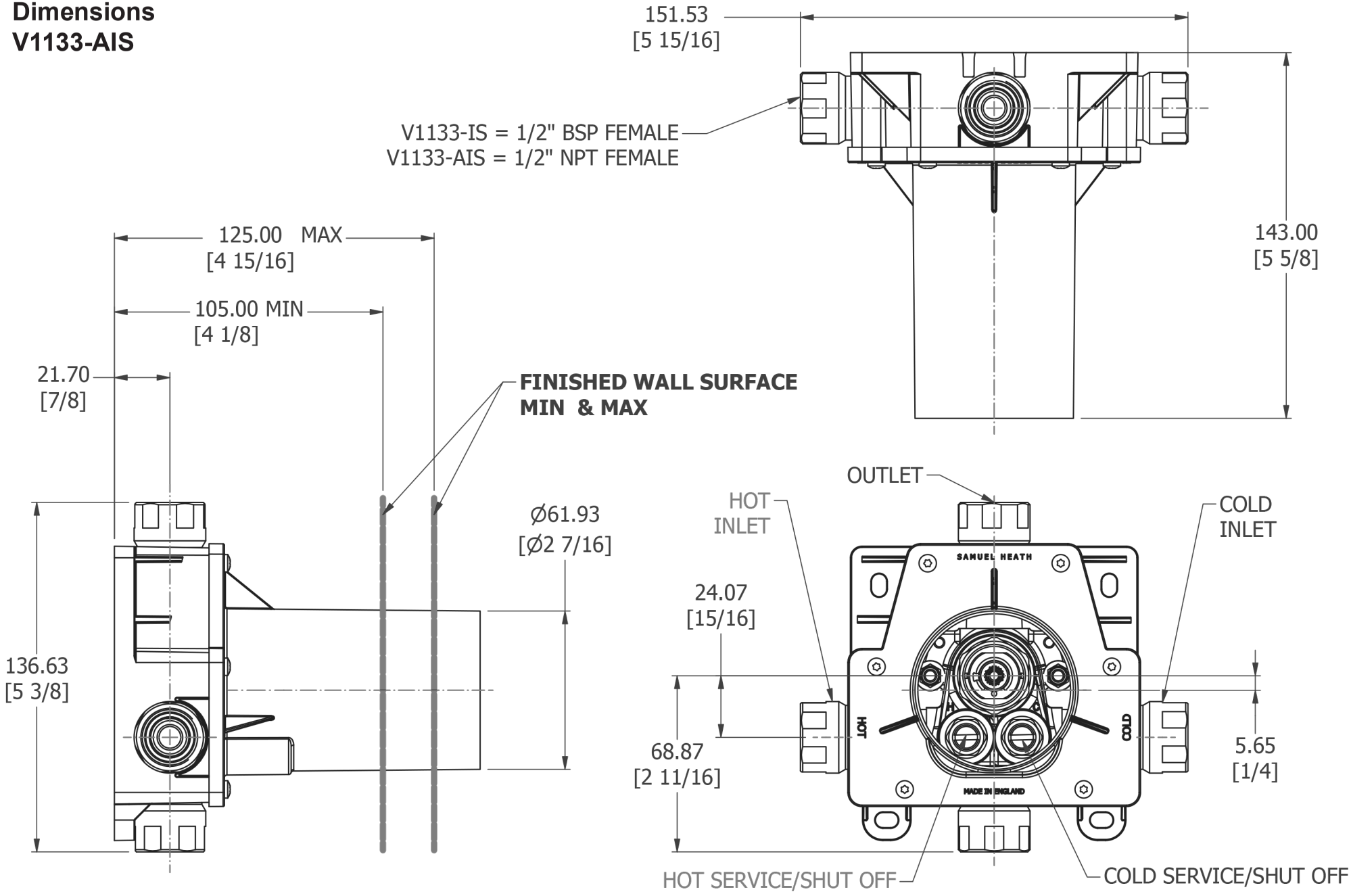
Spare parts information is included within these guidelines.

The thermostatic cartridge mixes hot and cold water. The on/off function and flow is controlled by the diverter.

Make sure your installation meets all federal, state and local codes. In the state of Massachusetts, all instructions must comply with the rules and regulations set forth within 248 CMR.

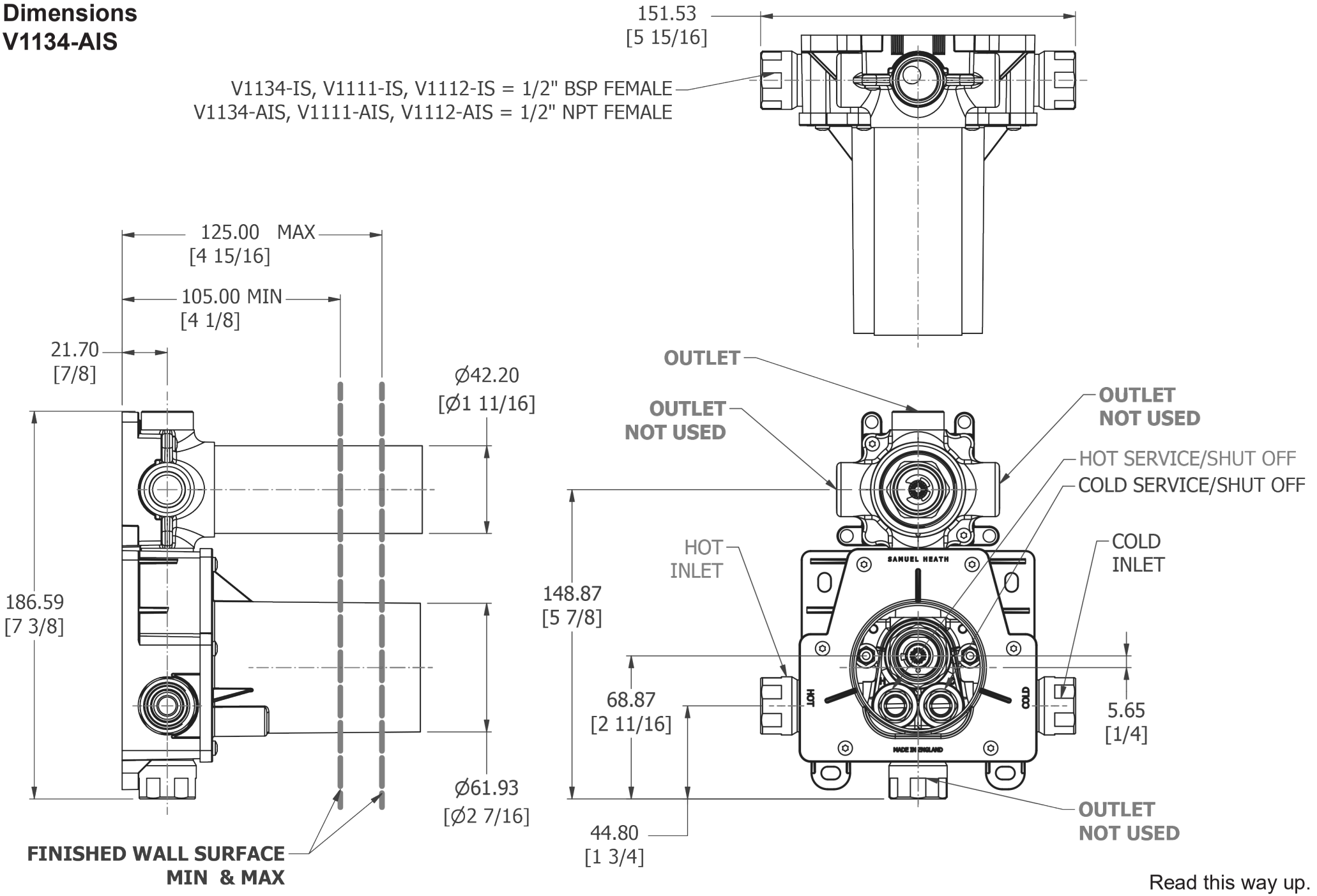
Supply fittings are designed in accordance with pressure and temperature ratings specified in ASME A112.18.1-2024/CSA B125.1-24.

Dimensions
V1133-AIS



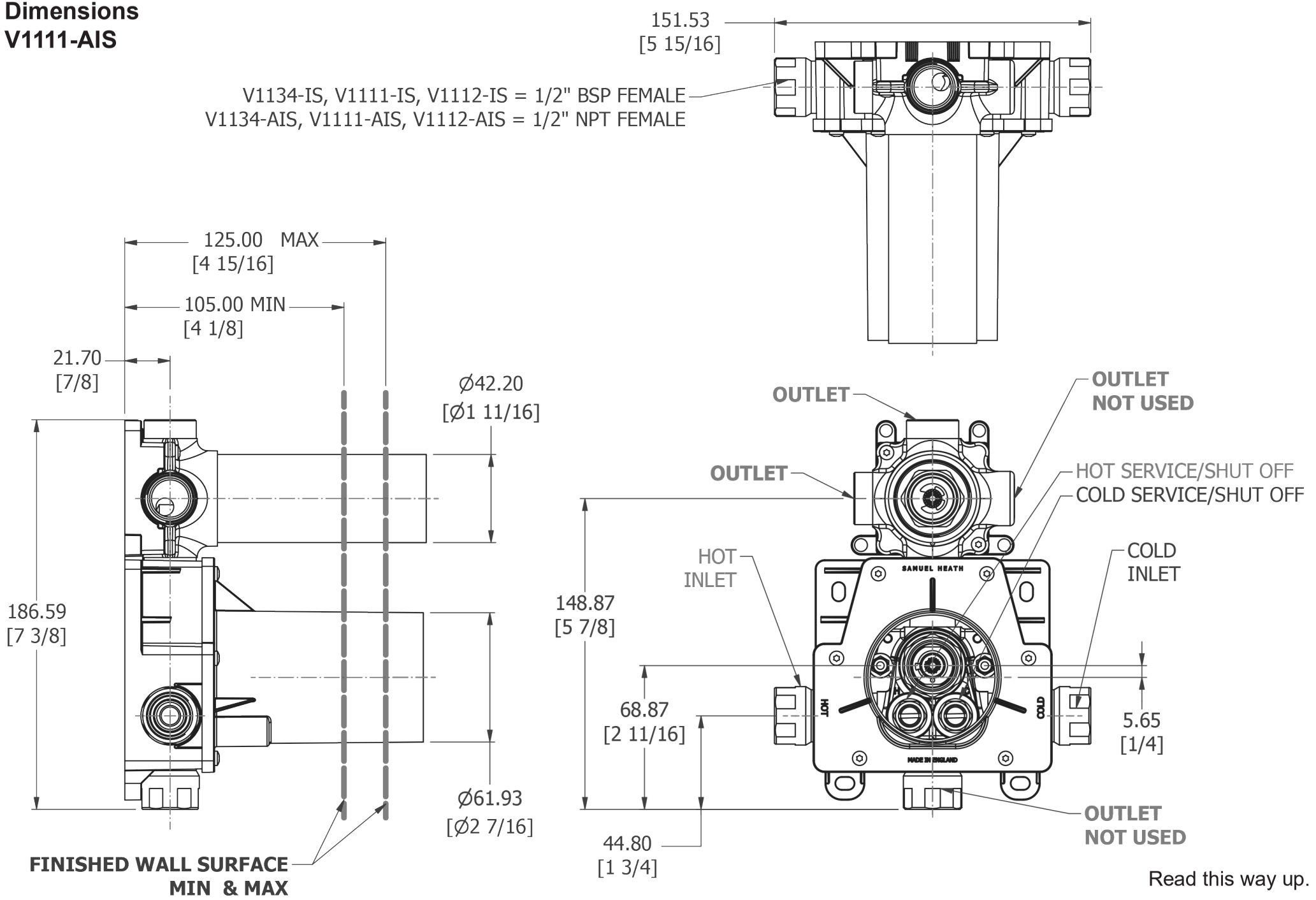
Read this way up.

Dimensions
V1134-AIS



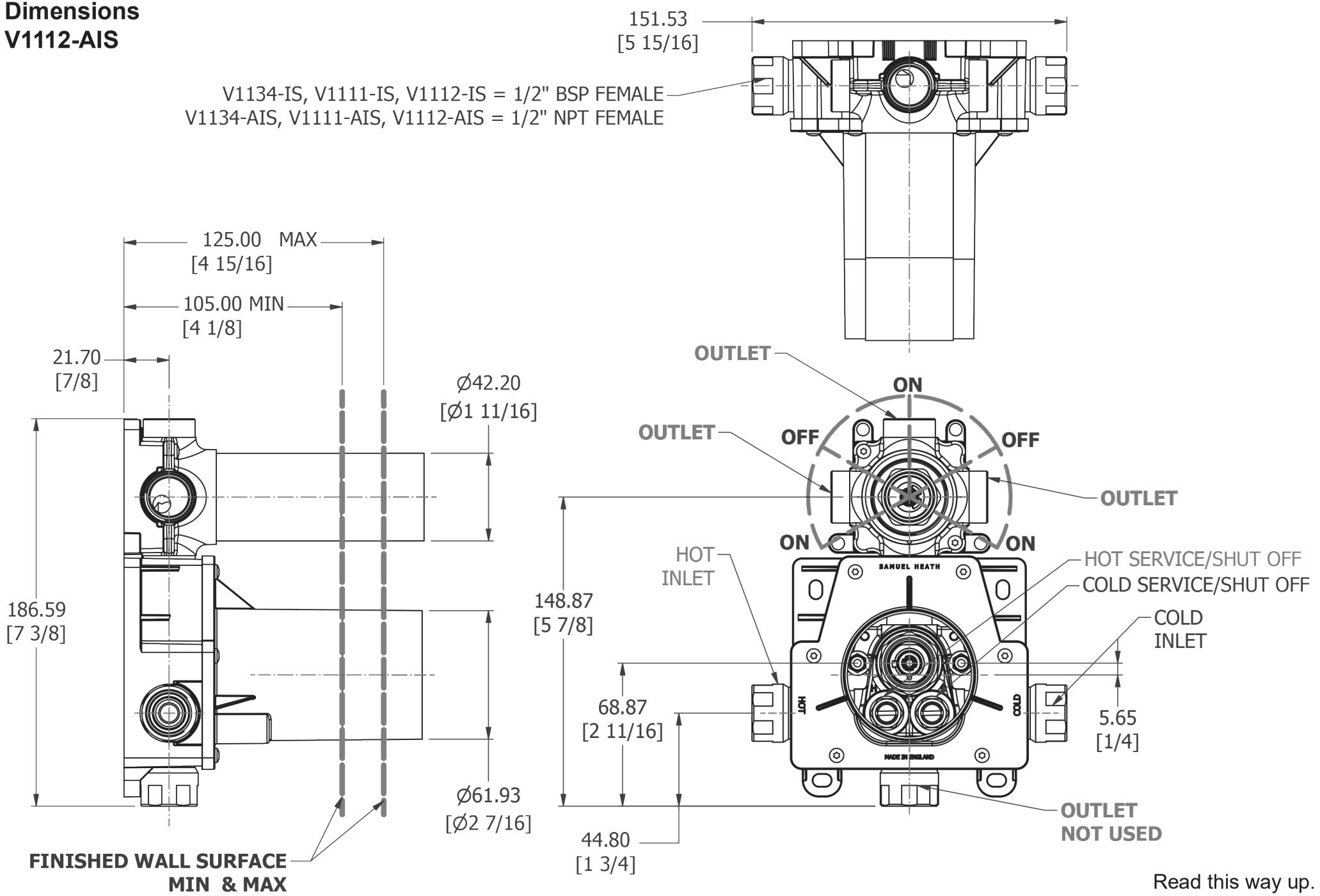
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Dimensions
V1111-AIS



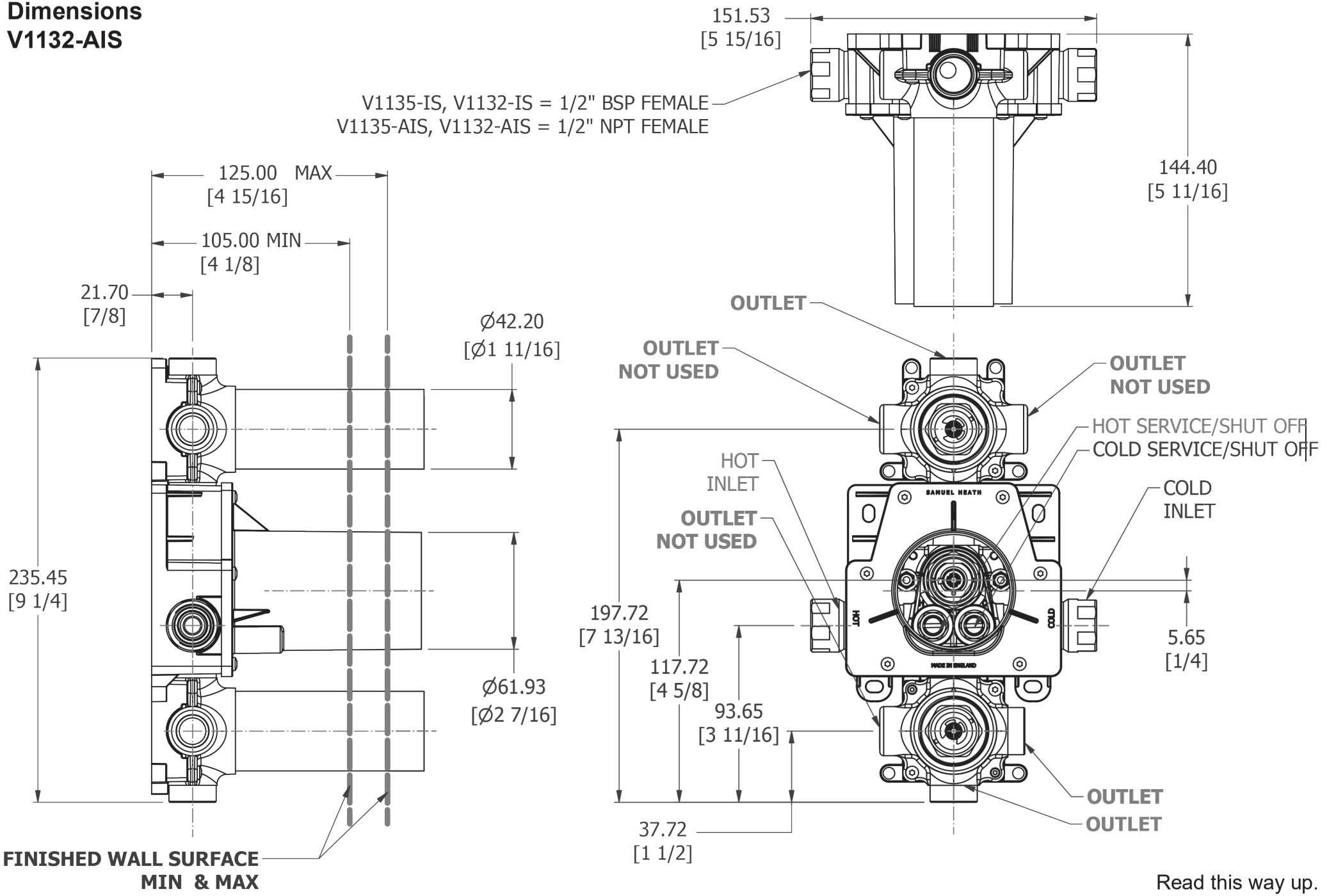
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Dimensions
V1112-AIS



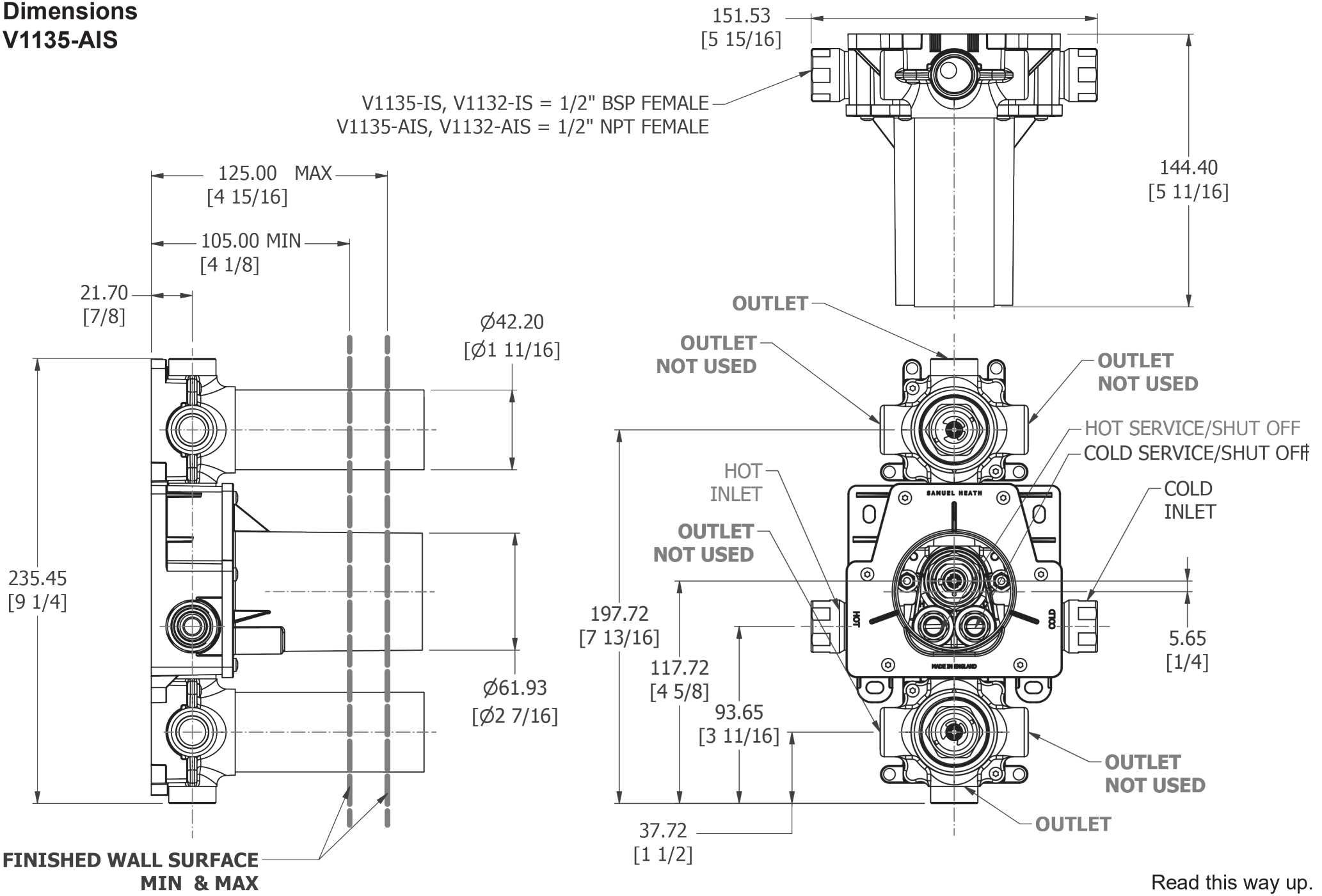
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Dimensions
V1132-AIS



Read this way up.

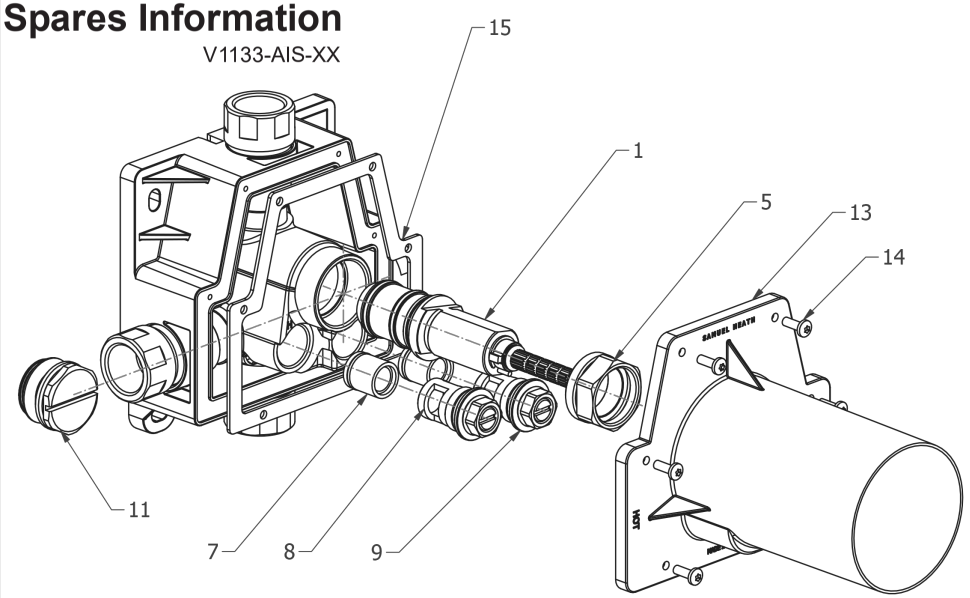
Dimensions
V1135-AIS



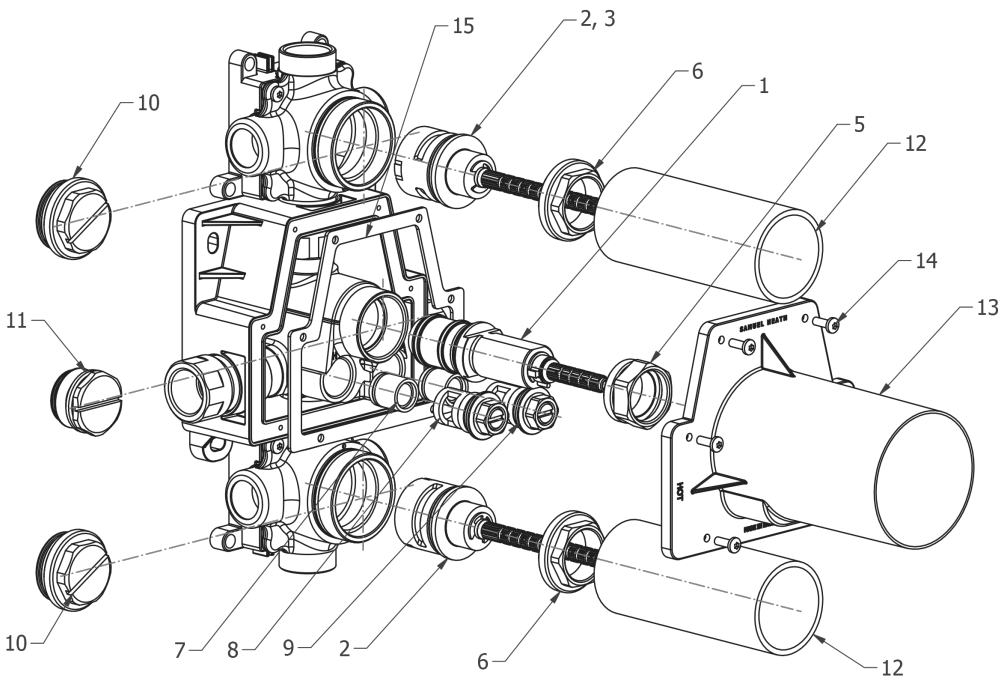
Read this way up.

Spares Information

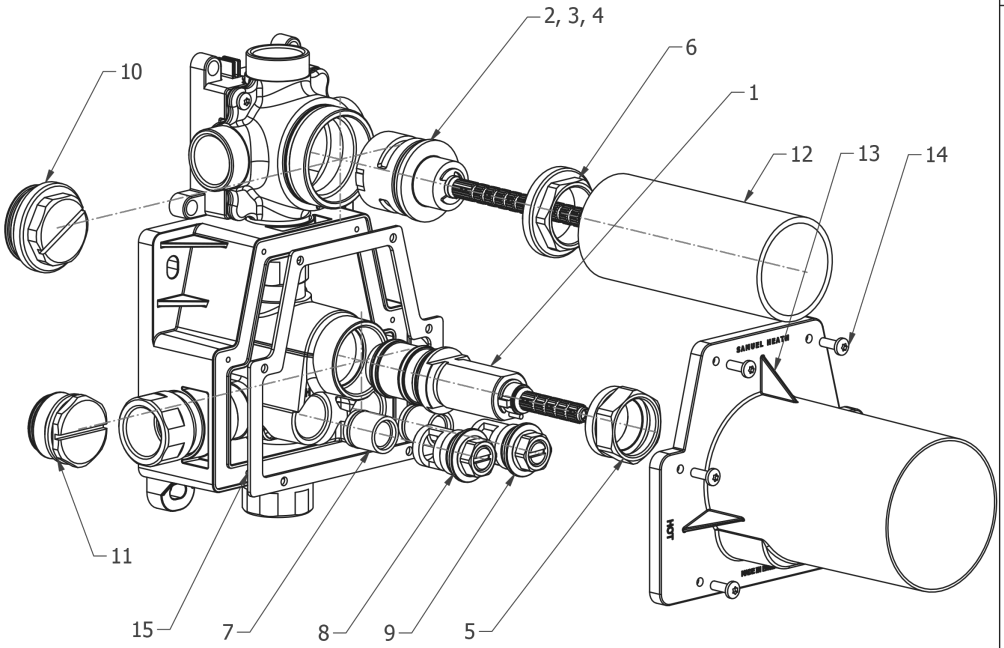
V1133-AIS-XX



V1132-AIS-XX, V1135-AIS-XX

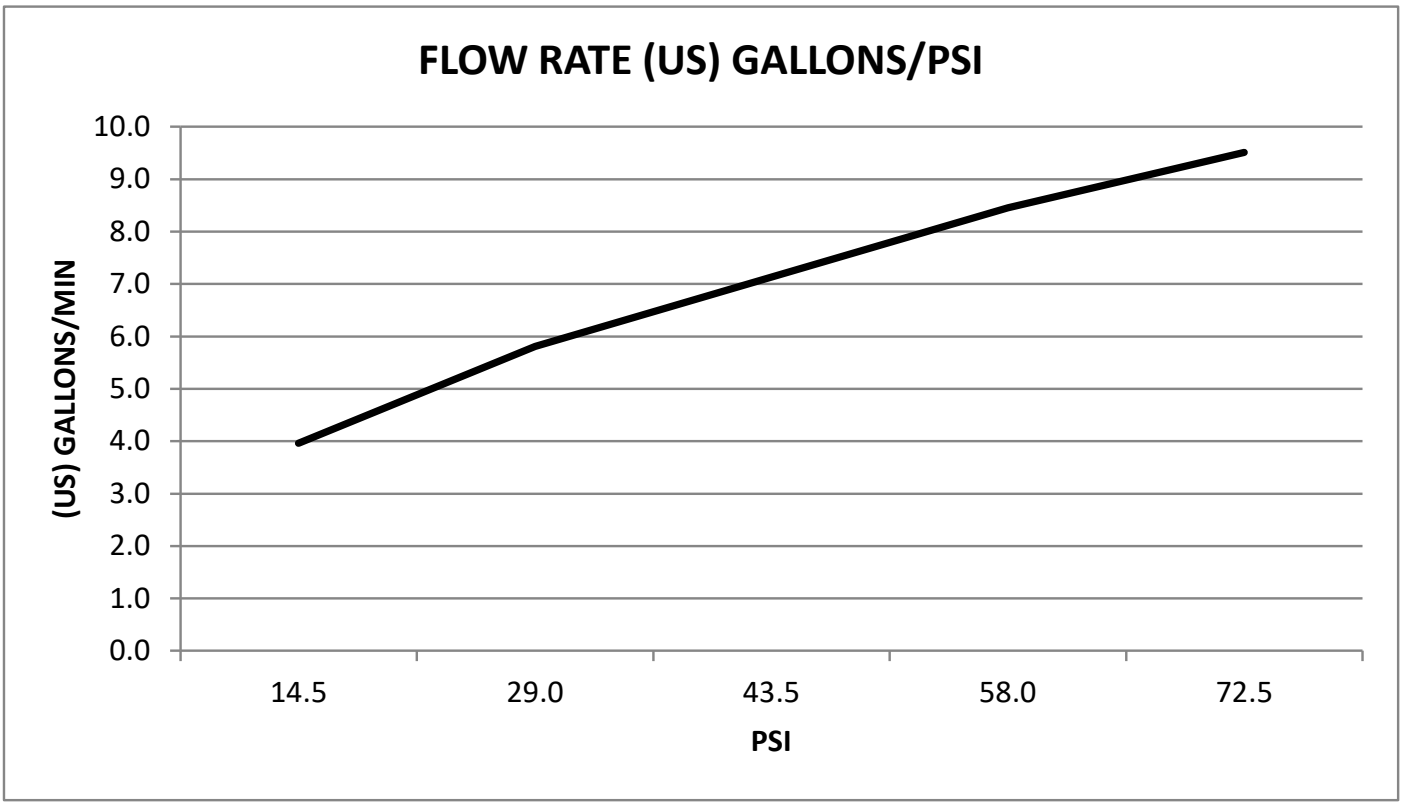


V1134-AIS-XX, V1111-AIS-XX, V1112-AIS-XX



Item	Part Number	Description	V1133-AIS	V1134-AIS	V1111-AIS	V1112-AIS	V1135-AIS	V1132-AIS
1	VS50809	Thermostatic Cartridge	1	1	1	1	1	1
2	VS50814-1	Volume Control Cartridge		1			2	1
3	VS50814-2	Two Way Diverter Cartridge			1			1
4	VS50814-3	Three Way Diverter Cartridge				1		
5	VS50812	Thermo Lock Nut	1	1	1	1	2	2
6	VS50811	Cartridge Lock Nut		1	1	1	2	2
7	VS50808CV	Check Valve, Hot and Cold	2	2	2	2	2	2
8	VS50808SH	Service Nut, Hot	1	1	1	1	1	1
9	VS50808SC	Service Nut, Cold	1	1	1	1	1	1
10	VS50807	Thermo Blanking Plug	1	1	1	1	1	1
11	VS50806	Cartridge Blanking Plug		1	1	1	2	2
12	VS35545	Cartridge Mud Guard		1	1	1	2	2
13	VS50805	Thermo Mud Guard	1	1	1	1	1	1
14	VS1957-SST	Screw	6	6	6	6	6	6
15	VS50810	Gasket	1	1	1	1	1	1

Flow Rates
V1133-AIS



PSI	14.5	29.0	43.5	58.0	72.5
Gallons P/M	4.0	5.8	7.1	8.5	9.5

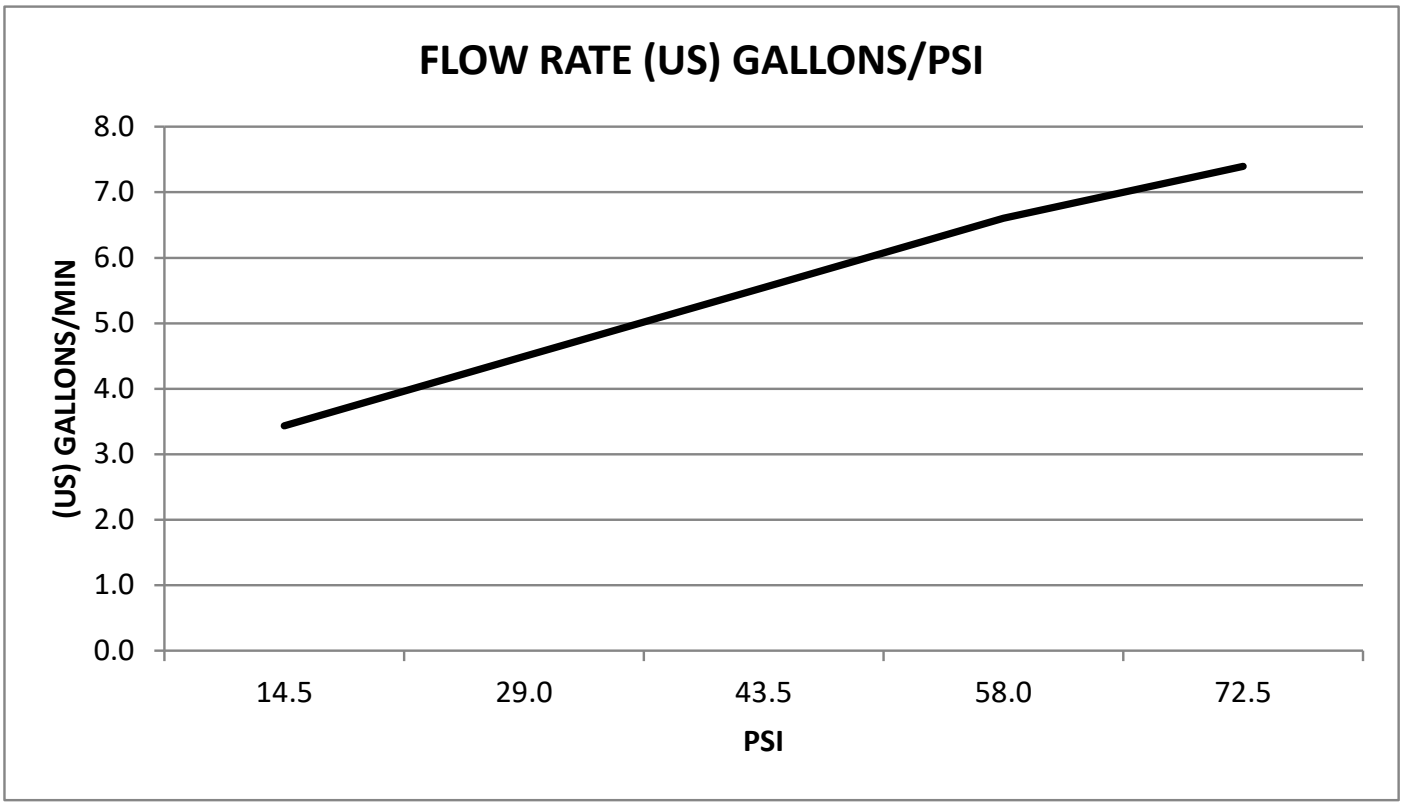
The flow rate data provided in this document is indicative of each product and is given in an open outlet condition. Installation design, external connections and fittings not supplied by Samuel Heath may affect the data provided.

Water Pressure:
Ensure the incoming water pressure is adequate for the desired flow rate.

Flow Rates:
This flow rate data is given with shower valve outlets in an open condition with no shower heads or other ancillaries fitted. Check the flow rate of the intended outlet fittings (heads, hand showers, body jets, etc.) to ensure satisfactory flow.

The design of the installation, external connections, pipe length and other such influences will also affect the given flow rate.

Flow Rates
V1111-AIS, V1112-AIS, V1132-AIS, V1134-AIS, V1135-AIS



PSI	14.5	29.0	43.5	58.0	72.5
Gallons P/M	3.4	4.5	5.5	6.6	7.4

The flow rate data provided in this document is indicative of each product and is given in an open outlet condition. Installation design, external connections and fittings not supplied may affect the data provided.

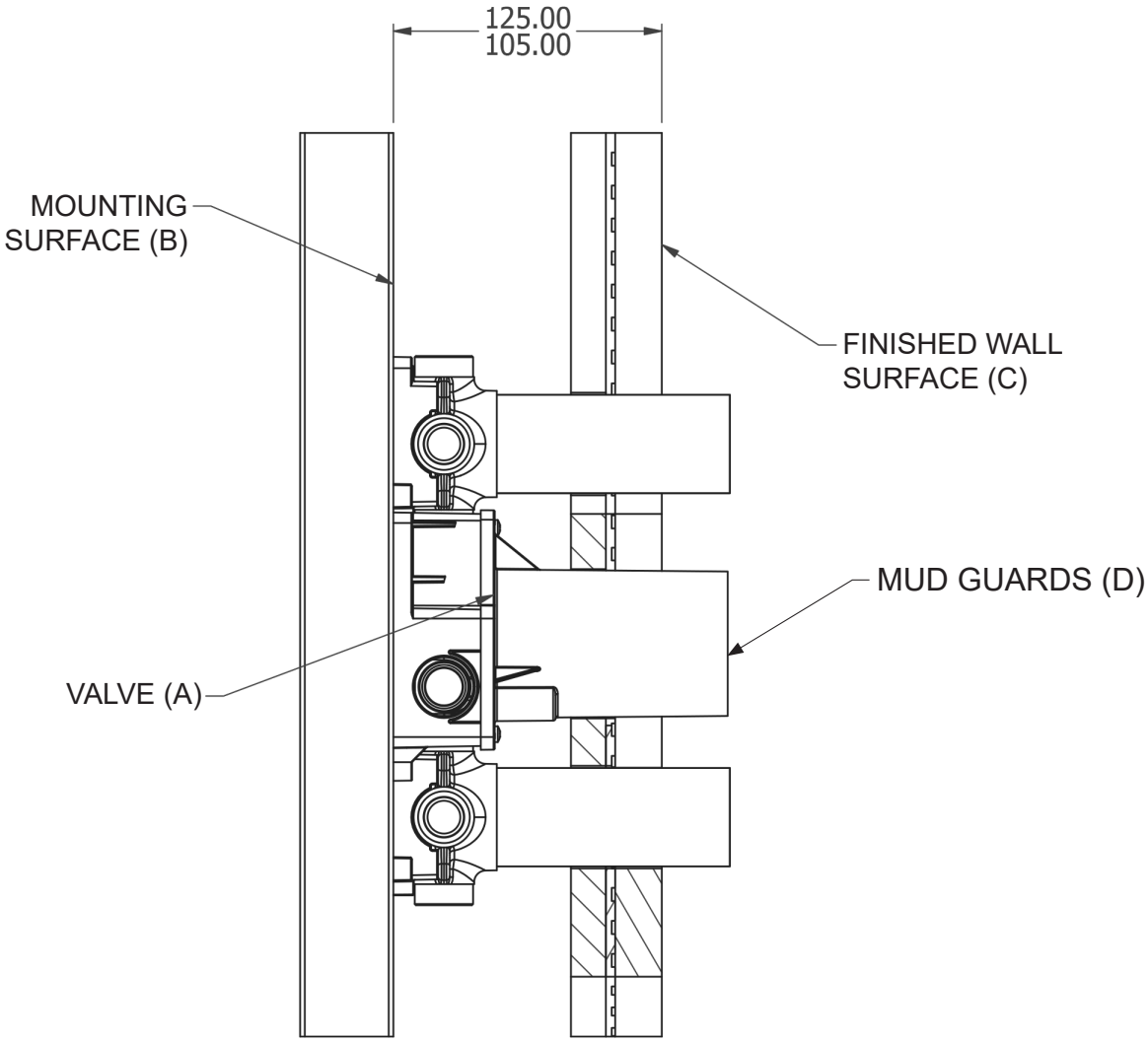
Water Pressure:
Ensure the incoming water pressure is adequate for the desired flow rate.

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This flow rate data is given with shower valve outlets in an open condition with no shower heads or other ancillaries fitted. Check the flow rate of the intended outlet fittings (heads, hand showers, body jets, etc.) to ensure satisfactory flow.

The design of the installation, external connections, pipe length and other such influences will also affect the given flow rate.

The flow rate data provided in this document is indicative of each product and is given in an open outlet condition. Installation design, external connections and fittings not supplied by Samuel Heath may affect the data provided.

Installation



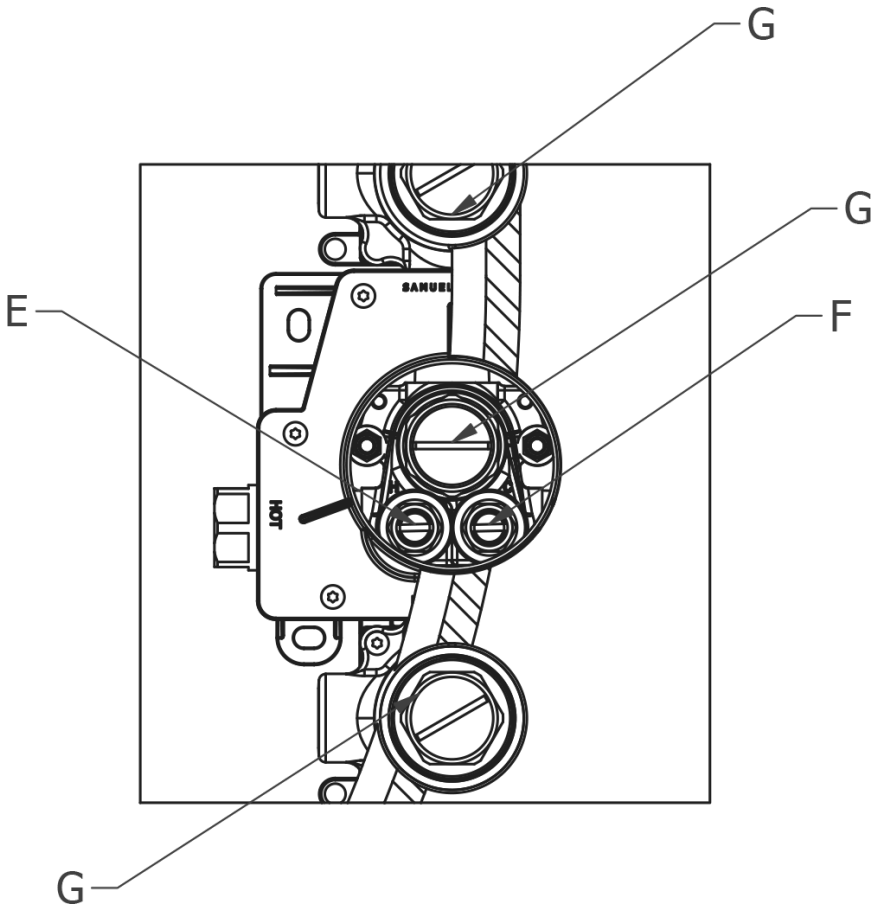
1. Install the Valve (A) to the inner mounting surface (B).

2. Connect pipe work to the inlets and outlets of the Valve (A).

3. Install the finishes surface (C) in accordance with the fitting depths shown in the front of this booklet.

4. Trim the mud guards (D) flush with the finished surface (C), and then apply a suitable silicon sealant between the mud guards (D) and finishes surface (C).

Installation



5. The hot water service cartridge (E) and cold water service cartridge (F) must have the flat headed screw element turned anticlockwise to open the flow to the valve.

6. The valves are supplied with brass blanking plugs (G) fitted. These should remain in place until the system has been flushed of any debris.

IMPORTANT NOTES

1. Installation should be carried out by a competent engineer, in accordance with water regulations.
2. Before installation ensure supply pipes are flushed clean as debris or loose particles will affect the effiency of the ceramic disc cartridge.
3. For mixer taps it is recommended that hot & cold pressures are equally balanced.
4. To help maintain the high quality finish please clean with a soft damp cloth. Do not use abrasive polish or cleaners. Stains may be removed using diluted washing up liquid.
5. Ceramic cartridges in hard water areas. To prolong the lifespan and reduce servicing periods of your Samuel Heath tap we recommend that a suitable water softener be fitted. Consult your installer/designer for details.
6. Please note that as with all tap and shower ware it will be necessary from time to time for the products to be serviced, this should be carried out by a qualified Plumbing Engineer.

NOTES IMPORTANTES

1. L'installation doit être faite par un ingénieur qualifié, selon les réglements du Service Eau.
2. Avant l'installation, il faut s'assurer que les tuyaux d'approvisionnement sont complètement purgés. Les déchets flottants auront un effet détrimentaire sur l'efficacité de la cartouche céramique.
3. Il est recommandé que les pressions de l'eau chaude et eau froide des mitigeurs et mélangeurs soient maintenues à un niveau égal.
4. Pour conserver la finition de haute qualité, nettoyer avec un chiffon doux et humide. N'employer jamais de la cire et des produits abrasifs. Les tâches peuvent être enlevées à l'aide de liquide vaisselle pur.
5. Cartouches en céramique dans les régions à eau calcaire. Pour prolonger la durée et réduire l'entretien de votre robinetterie Samuel Heath, nous recommandons d'utiliser un adoucisseur d'eau convenable. Veuillez consulter votre installateur/fournisseur pour plus de renseignements.
6. Veuillez noter qu'un entretien sera nécessaire de temps en temps et doit être effectué par un installateur qualifié.

WICHTIGE HINWEISE

1. Installation sollte durch einen kompetenten Fachmann und nach den üblichen Vorschriften ausgeführt werden.
2. Vor Installation Wasserleitung gründlich durchspülen. Verschmutzung wird die Funktion der Kartusche erheblich einschränken.
3. Für Mischbatterien ist es wichtig, daß Wasser mit gleichem Druck eingefuhrt wird.
4. Um den optimalen Zustand dieses Produktes zu erhalten, wischen Sie es bitte nur mit einem feuchten, weichen Lappen ab. Auf keinen Fall Scheuermittel verwenden. Flecken lassen sich mit unverdünntem Geschirrspülmittel entfernen.
5. Keramikkartuschen in Hartwasserbereichen. Um die Lebensdauer zu verlängern und Wartungszeiten zu reduzieren empfiehlt Samuel Heath den Einsatz eines geeigneten Wasserenthärters. Fragen Sie Ihren Installateur/Designer um Rat.
6. Bitte merken Sie, dass alle Armaturen ab und zu eine Wartung brauchen. Diese soll durch einen kompetenten Installateur ausgeführt werden.

ATENCION

1. La instalación se debe realizar por un fontanero.
2. Antes de la instalación, deben pulgar las tuberias dejándo correr el agua por las tuberias para que arrastren los residuos de montaje/obra, con el motivo de que no afecte la eficacia del cartucho de ceramica.
3. Para grupo baño/ducha se recomienda que las presiones del agua caliente y frio sean equilibradas.
4. Para ayudar a mantener el acabado de este producto, limpiar con un paño húmedo suave. No se debe emplear productos abrasivos de baño. Las manchas se pueden quitar empleándo liquido lava-vajillas puro.
5. Cartuchos cerámicos en áreas de aguas duras . Para prolongar su vida útil y reducir los periodos de reparación de su grifo SamuelHeath recomendamos la instalación de un descalcificador de agua. Consulte a su instalador para más detalles.
6. Igual que con todo tipo de griferia y duchas, de vez en cuando será necesario llevar a cabo una revisión al producto; esto deberia ser realizado por un fontanero calificado.

ATTENZIONE

1. L'impianto deve essere montato da personale tecnico in conformità alle vigenti leggi.
2. Prima dell'installazione assicurarsi che le tubature dell' aqua siano pulite. Detriti o residui di lavorazione compromettono l'efficenza del cartuccio.
3. Per i gruppi, si raccomanda che le pressioni acqua calda e acqua fredda siano ugualmente bilanciate.
4. Per mantenere la finizione di ottima qualità, pulire con un panno soffice e inumidito. Non usare creme lucidanti e materiali abrasivi. Le macchie potranno essere tolte usando del detersivo per piatti puro.
5. Come con tutti i tipi di rubinetti e docce, di volta in volta è necessario effettuare una revisione al prodotto; questo dovrebbe essere fatto da un idraulico qualificato.

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