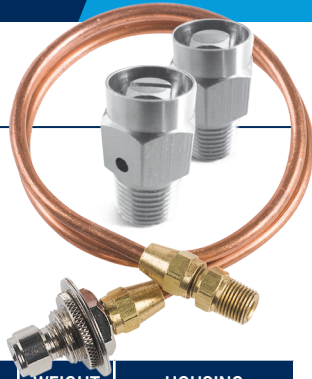


AIR VENTS AND VALVES

AIR VALVES

AIR VALVES

Air valves are meant to reduce burner firing time on steam and hydronic heating systems, therefore saving energy and money. They are made of brass (nickel plated), which is a corrosion resistant material, and offer positive shut-off.



MODEL	DESCRIPTION	WEIGHT	HOUSING
9	Coin air vent, connection 1/8" NPT	0.6 oz	Brass, nickel plated
10	Key air vent, connection 1/8" NPT	0.6 oz	Brass, nickel plated
14	Key valve assembly, 20 x 3/16" OD tube, connection 1/8" NPT	4.3 oz	Brass, nickel plated/copper tube
14A	Coin valve assembly, 20 x 3/16" OD tube, connection 1/8" NPT	4.3 oz	Brass, nickel plated/copper tube

AIR VENTS

AIR VENTS

The automatic air vents remove trapped air to restore maximum pressure of systems. They are made of brass and can withstand temperatures as high as 120°C / 248°F (230°C / 446°F for solar air vent). Their side venting minimizes dirt build-up on seat.

As a natural function, air entrained in a water transmission line will collect at high points within that line. As this air accumulates, it reduces the effective area available to the flow of water and creates a throttling effect as would a partially closed valve. This restriction reduces the total line flow. It also causes an increase in power consumption and thereby raises pumping costs. In some extreme cases the continued accumulation of air can actually stop the flow of fluid within the pipe line.

The Air Release Valves mounted at high points within your piping system will remove air pockets of air as they accumulate. They provide an inexpensive and positive method of preventing those difficulties outlined above. In addition, their superior design, workmanship stainless steel trim will provide you with a quality valve, one which will give many years of maintenance free and trouble free operation.

R8818
R8814
R8812



A = width
B = height



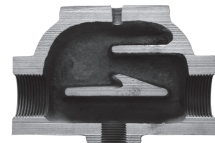
MV15

CAST IRON PURGERS

Cast iron purgers are used for commercial and industrial hydronic systems to effectively control and eliminate entrained air. The purger is designed with an embossed flow indicator arrow for proper installation.



P100-300



P400

MODEL	CONNECT.	WEIGHT		HOUSING
		LB	KG	
P100	1"	4	1.8	Cast iron
P125	1 1/4"	4	1.8	Cast iron
P150	1 1/2"	8	3.6	Cast iron
P200	2"	8	3.6	Cast iron
P250	2 1/2"	20	9.1	Cast iron
P300	3"	19	8.6	Cast iron
P400	4"	38.4	17.4	Cast iron

Automatic air vents

MODEL	CONNECTION	DIMENSIONS		WEIGHT		HOUSING
		A	B	LB	KG	
R8818	1/8" MNPT	1 3/4"	2"	0.12	0.05	Brass
R8814	1/4" MNPT	1 3/4"	2"	0.12	0.05	Brass
R8812	1/2" MNPT	3 1/4"	1 3/4"	0.20	0.10	Brass
AVHTS	1/8" MNPT	2 1/4"	3 1/2"	0.60	0.30	Brass, nickel plated

Industrial air vents

MODEL	CONNECTION	MAXIMUM		WEIGHT		HOUSING
		PRESSURE	TEMPERATURE	LB	KG	
MV15	3/4" FNPT	150 PSI / 1034 kPa	345°C / 174°F	5.5	2.5	Cast iron

Calefactio Solutions Inc.
Quebec (Canada)

T 450 951.0818
F 450 951.2165

calefactio.com
info@calefactio.com

Informations in this documents are founded on the most recent data available at the moment of its publication and is meant for a general presentation of our products. The accuracy of this information cannot be guaranteed. Our products are steadily enhanced and their technical specifications can be modified without prior notice.

SERVICE CENTER AND ACCESSORIES

SERVICE CENTER

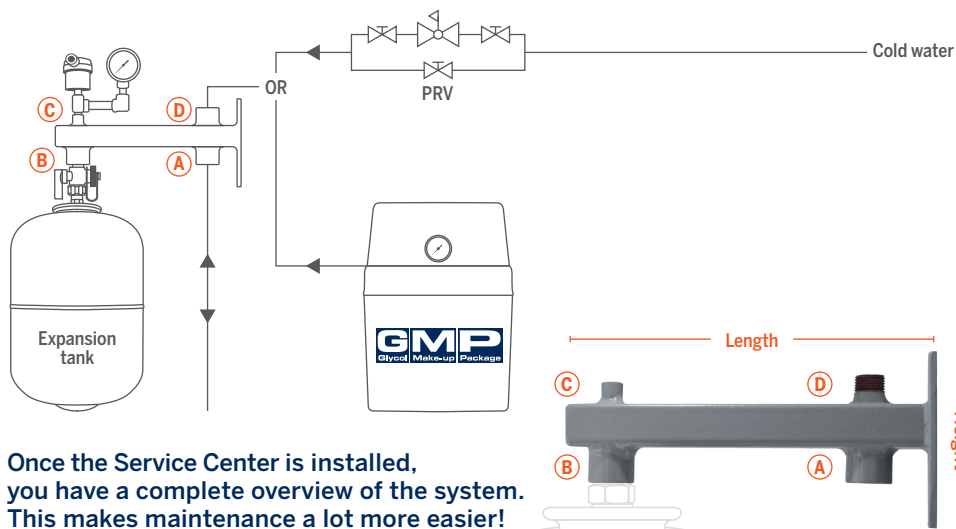
SERVICE VALVE

ACCESSORIES

SERVICE CENTER

THE SERVICE CENTER FOR RESIDENTIAL HEATING SYSTEM OFFERS YOU A CLEAN AND FUSS-FREE INSTALLATION.

Link your heating system to the ½" FNPT connection (A). Connect directly a heating expansion tank (HGT-15, HGT-30, HGT-60), with the Service valve (HGSV12) on the ½" FNPT connection (B). Then, on connection (C) (½" FNPT), connect an automatic air vent (R8818) or a pressure gage (SCG18), or use our dual header (SCDH18) to hook both. On connection (D) (½" MNPT) you can either connect your GMP or simply the cold water supply.

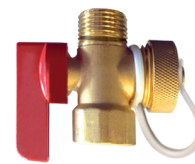


Once the Service Center is installed, you have a complete overview of the system. This makes maintenance a lot more easier!

MODEL	A	B	C	D	LENGTH	HEIGHT	WIDTH	HOUSING
#HGSC	½" FNPT	½" FNPT	½" FNPT	½" MNPT	10 ¾"	4 ½"	2 ¾"	Steel
#HGSCSS-H	½" FNPT	¾" FNPT	½" FNPT	¾" MNPT	11 ½"	4 ¾"	2 ¾"	Stainless Steel
#HGSCSS-P	¾" FNPT	¾" FNPT	-	-	11 ½"	4 ¾"	2 ¾"	Stainless Steel

ACCESSORIES

FOR CONNECTION (B)



Service Valve #HGSV12
½" FNPT

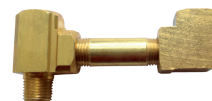
FOR CONNECTION (C)



Automatic air vent #R8818
½" MNPT



Service Center pressure gage #SCG18
½" MNPT

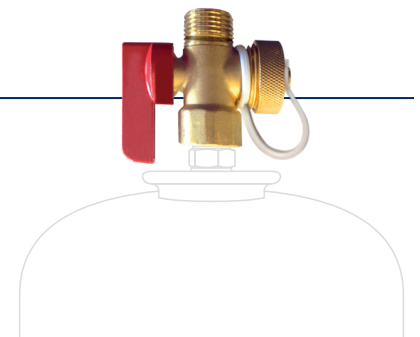


Service Center dual header #SCDH18
½" MNPT
x (2) ½" FNPT

SERVICE VALVE

This service valve links the expansion tank to an hydronic heating system or to the Service Center and allows you to isolate the expansion tank from the system pressure. While the tank is shut off from the system pressure, you can inspect it (verify pressure) or remove it for replacement without having to drain the system. Once this operation is over, re-open the valve and the system will get back to normal operation. It's available in ½" MNPT x ½" FNPT and suits HGT-15, HGT-30 and HGT-60.

ASME tanks also available. Contact your local agent.



→ For more information, contact us at 450 951.0818 or info@calefactio.com