

INTEGRAL SECOND STAGE REGULATORS

Integral Two-Stage regulators combine a First-Stage regulator and a Second-Stage regulator into one compact unit. Recommended for installations where piping distance is short, integral Two-Stage regulators provide all of the advantages of Two-Stage regulation. Fisher Integral Two-Stage regulators are color coded gray for easy identification. Vents are screened with standard Second-Stage orientation over the outlet.

Built-in gauge taps, orificed to a No. 54 drill size, on upstream and downstream sides, provide easy access for testing the proper operation of the First and Second-Stage while the system is pressurized. Features a large 3/4" drip lip vent to reduce the chance of blockage by freezing rain or sleet when properly installed with the vent pointing down.



R632



R232



Fisher Integral Two-Stage Regulators

Part No	BTU Capacity	Inlet	Outlet	Outlet Adjustment Range	Outlet Pressure Setting	Mounting Bracket
R232-BBF	350,000	1/4" FNPT	1/2" FNPT	9 1/2" - 13' WC	11" WC	PI00A
R232-BBFXA I						
R232-HBF						
R232-HBFXA I						
R632-BCF	700,000	1/4" FNPT	1/2" FNPT	9" - 13' WC	11" WC	PI00A or PI00L
R632-BCFXA I						
R632-HCF						
R632-HCFXA I	750,000	1/4" FNPT				
R632-CFF						
R632-CFFXA I						
R632-JFF						
R632-JFFXA I	FPOL					

Note: BTU capacity based on 30 psig inlet pressure and 2" WC droop.
I. First and second-stage spring case vents opposite gauge taps.



299-00

290-00



The 290 is an integral, Two-Stage regulator that meets RVIA requirements for use on recreational vehicles and complies with revised UL 144 and NFPA requirements.

Marshall Gas Integral Two-Stage Regulators

Part No.	BTU Capacity Propane	Inlet Connection	Outlet Connection	Setpoints
290-00	160,00	1/4" FNPT	3/8" FNPT	Inlet - 100 PSIG Outlet - 11" WC
299-00 (w/ 9:00 vent)	160,00	1/4" FNPT	3/8" FNPT	



720



Sherwood Integral Two-Stage Regulators

Part No	BTU Capacity	Inlet	Outlet	Outlet Adjustment Range	Outlet Pressure Setting
720A	250,000	1/4" FNPT	3/8" FNPT	9" - 11" WC	11" WC
720B	600,000		1/2" FNPT		
720C	160,000		3/8" FNPT	Non adjustable	
920	500,000		1/2" FNPT	9" - 13" WC	
920AB			3/4" FNPT		
920V			1/2" FNPT	13' - 18" WC	
920VA		3/4" FNPT			

Note: 1/8" FNPT pressure gauge taps on first stage and second stage units



R642 - 107

Fisher Two-Stage Regulator Kits

Pack Number	BTU/HR Capacity	First-Stage Regulator	Second-Stage Regulator	Adaptor for First-Stage Regulator	
R642-101	900,000	R122H-AAJ	R642-DFF	GI675	
R642-102				ME345	
R642-103				ME1669-12	
R642-107	1,250,000	R622H-HGJ	R622-BCF	ME1680-12	
R622-BCFPA	875,000	R122H-AAJ		GI675	
R622-BCFPB				ME345	
R622-BCFPC				---	
R622-BCFPE		ME1669-06			
R622-BCFPF		---			
R622-BCFPH		ME1689-12			
R622-BCFPP	ME1669-12				
R622-CFFPA	1,400,000	R622H-HGJ		R622-CFF	ME1680-12
R622-CFFPB		---			
R652-DFFPA	1,000,000	R122H-AAJ	R652-DFF	GI675	
R652-DFFPB				ME345	
R652-DFFPD				ME1680-12	
R652-DFFPH		R622H-HGJ		ME1689-12	
R652-DFFPP		R122H-AAJ		ME1669-12	

Fisher Two-Stage Regulator Kits make it easy when you are ready for the next tank set. Both high pressure and low pressure regulators in one carton, ready to go. Pick a kit from the chart at right, or ask one of our sales people about a custom kit you would like us to make.

