

HIGH PRESSURE LP GAS FIRST STAGE REGULATORS

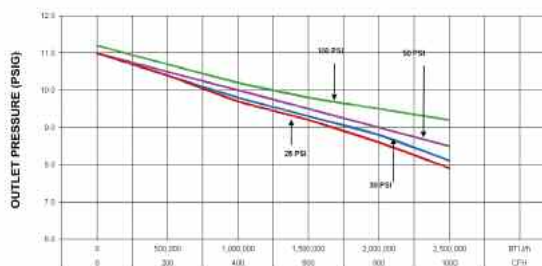
First-Stage regulators are designed for use as the first regulator of a Two-Stage regulation system on domestic applications. This large capacity adjustable First-Stage regulator is factory set at 10 PSIG. Equipped with integral relief valve and built-in 1/8" FNPT gauge tap.

PART No.	Inlet Connection	Outlet Connection	Delivery Pressure	Adjustment Range	Bonnet Vent	Capacity * (BTU/Hr) Propane
GR-918	F.POL	1/2 FPT	10 psig	5-10 psig	Over Outlet	2,500,000
GR-9188	1/2 FPT	1/2 FPT	10 psig	5-10 psig	Over Outlet	2,500,000
GR-905	Regulator Mounting Bracket					

* Flow Capacity based on Inlet Pressure 20 psi higher than the Regulator setting and delivery Pressure 20% lower than the setting.



FLOW CHARACTERISTIC CHART FOR MODEL GR-918, GR-9188 AND GR-9112



COMPACT HIGH PRESSURE LP GAS FIRST STAGE REGULATORS

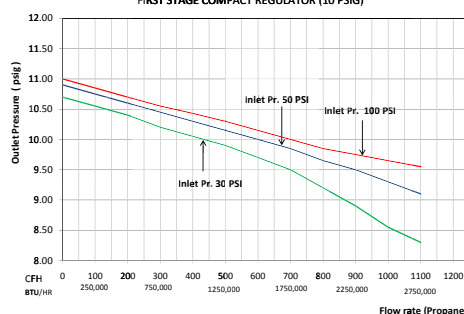
Compact First-Stage regulators are designed for use as the first regulator of a Two-Stage regulation system. Its compact design makes it the ideal choice for small domestic applications. This large capacity adjustable First-Stage regulator is factory set at 10 PSIG. Equipped with integral relief valve and built-in 1/8" FNPT gauge tap.

PART No.	Inlet Connection	Outlet Connection	Delivery Pressure	Inlet Pressure	Bonnet Vent	Capacity * (BTU/Hr) Propane
GR-9148C	1/4 FPT	1/2 FPT	10 PSI	250 PSI	Over Outlet	2,400,000
GR-9148C-TB	1/4 FPT Tee	1/2 FPT	10 PSI	250 PSI	Over Outlet	2,400,000
GR-918C	F.POL	1/2 FPT	10 PSI	250 PSI	Over Outlet	2,400,000
GR-918C-TPOL	F.POL Tee	1/2 FPT	10 PSI	250 PSI	Over Outlet	2,400,000
GR-9112C	F.POL	3/4 FPT	10 PSI	250 PSI	Over Outlet	2,400,000
GR-9116C	F.POL	1 FPT	10 PSI	250 PSI	Over Outlet	2,400,000
GR-9188C	1/2 FPT	1/2 FPT	10 PSI	250 PSI	Over Outlet	2,400,000
GR-91812C	1/2 FPT	3/4 FPT	10 PSI	250 PSI	Over Outlet	2,400,000
GR-91816C	1/2 FPT	1 FPT	10 PSI	250 PSI	Over Outlet	2,400,000
GR-91168C	3/4 FPT	1/2 FPT	10 PSI	250 PSI	Over Outlet	2,400,000
GR-911612C	3/4 FPT	3/4 FPT	10 PSI	250 PSI	Over Outlet	2,400,000
GR-911616C	3/4 FPT	1 FPT	10 PSI	250 PSI	Over Outlet	2,400,000

* Flow Capacity based on Inlet Pressure 20 psi higher than the Regulator setting and delivery Pressure 20% lower than the setting.



FLOW CHARACTERISTIC CHART FOR FIRST STAGE COMPACT REGULATOR (10 PSIG)

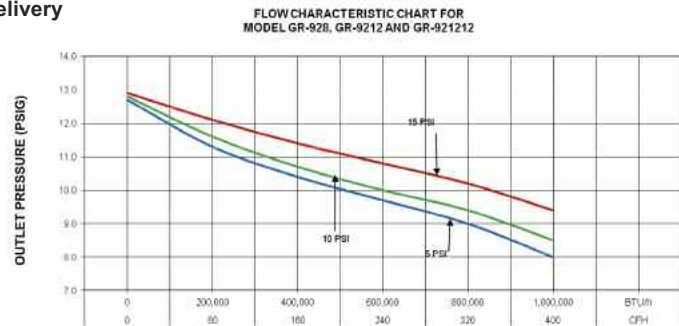


LOW PRESSURE LP GAS SECOND STAGE REGULATORS

Second Stage regulators are designed to reduce the pressure from a First-Stage regulator in domestic applications. These adjustable regulators are factory set at 11" w.c. with first stage inlet pressure of 10 PSIG. Equipped with integral relief valve and built-in 1/8" FNPT gauge tap.

PART No.	Inlet Connection	Outlet Connection	Delivery Pressure	Adjustment Range	Bonnet Vent	Capacity * (BTU/Hr) Propane
GR-928	1/2 FPT	1/2 FPT	11" wc @ 10 psi	9"-13" wc	Over Inlet	950,000
GR-9212	1/2 FPT	3/4 FPT	11" wc @ 10 psi	9"-13" wc	Over Inlet	950,000
GR-905	Regulator Mounting Bracket					

* Flow Capacity based on 10 psi Inlet Pressure and 9" wc delivery



COMPACT LOW PRESSURE LP GAS SECOND STAGE REGULATORS

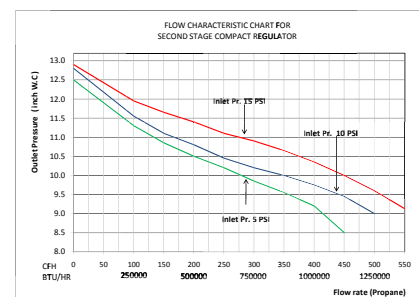
Compact Second Stage regulators are designed to reduce the pressure from a First-Stage regulator. Its' compact design makes it the ideal choice for small domestic applications. These adjustable regulators are factory set at 11" w.c. with first stage inlet pressure of 10 psig. Equipped with integral relief valve and built-in 1/8" FNPT gauge tap.

PART No.	Inlet Connection	Outlet Connection	Delivery Pressure	Vent Position	Capacity * (BTU/Hr) Propane	Mount
GR-9288C	1/2 FPT	1/2 FPT	11" W.C. @ 10 PSI	Over Inlet	1,200,000	Standard
GR-92812C	1/2 FPT	3/4 FPT	11" W.C. @ 10 PSI	Over Inlet	1,200,000	Standard
GR-92816C	1/2 FPT	1 FPT	11" W.C. @ 10 PSI	Over Inlet	1,200,000	Standard
GR-92128C	3/4 FPT	1/2 FPT	11" W.C. @ 10 PSI	Over Inlet	1,200,000	Standard
GR-921212C	3/4 FPT	3/4 FPT	11" W.C. @ 10 PSI	Over Inlet	1,200,000	Standard
GR-921216C	3/4 FPT	1 FPT	11" W.C. @ 10 PSI	Over Inlet	1,200,000	Standard
GR-9288CBM	1/2 FPT	1/2 FPT	11" W.C. @ 10 PSI	Over Inlet	1,200,000	Back Mount
GR-92812CBM	1/2 FPT	3/4 FPT	11" W.C. @ 10 PSI	Over Inlet	1,200,000	Back Mount
GR-9288CDU	1/2 FPT	1/2 FPT	11" W.C. @ 10 PSI	Over Inlet	1,200,000	Dialectric Union
GR-92812CDU	1/2 FPT	3/4 FPT	11" W.C. @ 10 PSI	Over Inlet	1,200,000	Dialectric Union
GR-9288CBM-DU	1/2 FPT	1/2 FPT	11" W.C. @ 10 PSI	Over Inlet	1,200,000	BM with DU
GR-92812CBM-DU	1/2 FPT	3/4 FPT	11" W.C. @ 10 PSI	Over Inlet	1,200,000	BM with DU

* Flow Capacity based on 10 psi Inlet Pressure and 11" wc delivery Pressure



Vent Extender
PART No.
GR-920C-VE

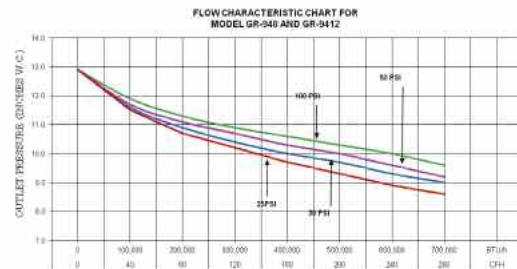


LP GAS TWO STAGE REGULATORS

Twin Stage regulators combine first and second stage regulators into a single unit. Designed to reduce container pressure down to 11" w.c. delivery pressure. Equipped with 1/8" FNPT gauge taps on inlet and outlet for easy system pressure checks.

PART No.	Inlet Connection	Outlet Connection	Delivery Pressure	Adjustment Range	Bonnet Vent 1st Stage	Bonnet Vent 2nd Stage	Capacity* (BTU/Hr) Propane
GR-948	1/4 FPT	1/2 FPT	11" wc @ 100 psi	9"-13" wc	Down	Over Outlet	525,000
GR-9412	1/4 FPT	3/4 FPT	11" wc @ 100 psi	9"-13" wc	Down	Over Outlet	525,000
GR-905	Regulator Mounting Bracket						

* Flow Capacity based on 25 psi Inlet Pressure and 9" wc delivery Pressure

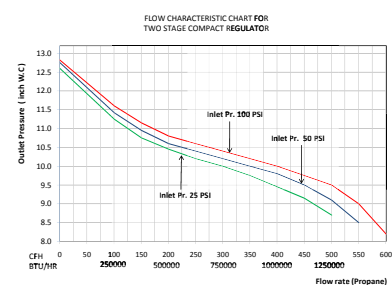
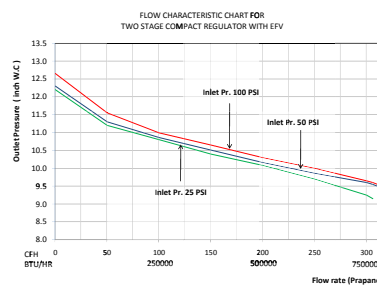


COMPACT LP GAS TWO STAGE REGULATORS

This Compact regulator combines first and second stage regulators into a single unit. Designed to reduce container pressure down to 11" w.c. delivery pressure. Its' compact design makes it the ideal choice for small domestic applications. Equipped with 1/8" FNPT gauge taps on inlet and outlet for easy system pressure checks.

PART No.	Inlet Connection	Outlet Connection	Delivery Pressure	Vent 2nd Stage	EFV	Capacity* (BTU/Hr) Propane
GR-968C	1/4"	1/2"	11" W.C. @250 PSI	Over Outlet	No	1,000,000
GR-9612C	1/4"	3/4"	11" W.C. @250 PSI	Over Outlet	No	1,000,000
GR-9616C	1/4"	1"	11" W.C. @250 PSI	Over Outlet	No	1,000,000
GR-968CX	1/4"	1/2"	11" W.C. @250 PSI	Over Outlet	Yes	700,000
GR-9612CX	1/4"	3/4"	11" W.C. @250 PSI	Over Outlet	Yes	700,000
GR-9616CX	1/4"	1"	11" W.C. @250 PSI	Over Outlet	Yes	700,000
GR-948C	1/4"	1/2"	11" W.C. @250 PSI	9 O'Clock	No	1,000,000
GR-948C-2412 GR-948C Regulator W/ CP-2412 Pigtail						
GR-9412C	1/4"	3/4"	11" W.C. @250 PSI	9 O'Clock	No	1,000,000
GR-9416C	1/4"	1"	11" W.C. @250 PSI	9 O'Clock	No	1,000,000
GR-948CX	1/4"	1/2"	11" W.C. @250 PSI	9 O'Clock	Yes	700,000
GR-9412CX	1/4"	3/4"	11" W.C. @250 PSI	9 O'Clock	Yes	700,000
GR-9416CX	1/4"	1"	11" W.C. @250 PSI	9 O'Clock	Yes	700,000

* Flow Capacity based on 25 psi Inlet Pressure and 9" wc delivery Pressure



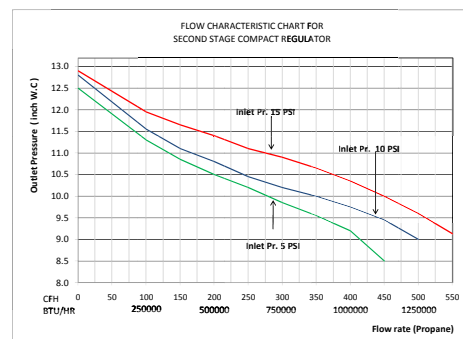
COMPACT SECOND STAGE LOW PRESSURE 2 PSI REGULATORS

Low Pressure Second Stage regulators are designed to reduce the pressure from a First-Stage regulator.

PART No.	Inlet Connection	Outlet Connection	Delivery Pressure	Vent Position	Capacity * (BTU/Hr) Propane	Mount
GR-9388C	1/2 FPT	1/2 FPT	2 PSI	Over Inlet	1,350,000	Standard
GR-93812C	1/2 FPT	3/4 FPT	2 PSI	Over Inlet	1,350,000	Standard
GR-93816C	1/2 FPT	1 FPT	2 PSI	Over Inlet	1,350,000	Standard
GR-93128C	3/4 FPT	1/2 FPT	2 PSI	Over Inlet	1,350,000	Standard
GR-931212C	3/4 FPT	3/4 FPT	2 PSI	Over Inlet	1,350,000	Standard
GR-931216C	3/4 FPT	1 FPT	2 PSI	Over Inlet	1,350,000	Standard
GR-93688C	1/2 FPT	1/2 FPT	2 PSI	Over Outlet	1,350,000	Standard
GR-936812C	1/2 FPT	3/4 FPT	2 PSI	Over Outlet	1,350,000	Standard
GR-9361212C	3/4" FPT	3/4 FPT	2 PSI	Over Outlet	1,350,000	Standard
GR-9388CBM	1/2 FPT	1/2 FPT	2 PSI	Over Inlet	1,350,000	BM
GR-93812CBM	1/2 FPT	3/4 FPT	2 PSI	Over Inlet	1,350,000	BM
GR-9388CDU	1/2 FPT	1/2 FPT	2 PSI	Over Inlet	1,350,000	DU
GR-93812CDU	1/2 FPT	3/4 FPT	2 PSI	Over Inlet	1,350,000	DU
GR-9388CBM-DU	1/2 FPT	1/2 FPT	2 PSI	Over Inlet	1,350,000	BM-DU
GR-93812CBM-DU	1/2 FPT	3/4 FPT	2 PSI	Over Inlet	1,350,000	BM-DU



*** Suffix second stage compact regulator part number:
BM - Back Mount
DU - Dielectric Union
BM-DU - Back Mount with Dielectric Union



COMPACT 2 PSI TWO STAGE REGULATORS

Compact Two Stage regulators combine first and second stage regulators into a single unit. Designed to reduce container pressure down to 2 PSI. delivery pressure. Its' compact design makes it the ideal choice for small domestic applications.

PART No.	Inlet Connection	Outlet Connection	Delivery Pressure	Bonnet Vent	EFV	Capacity * (BTU/Hr) Propane
GR-96248CX	1/4 FPT	1/2 FPT	2 PSI	Over Outlet	Yes	700,000
GR-96248C	1/4 FPT	1/2 FPT	2 PSI	Over Outlet	No	1,000,000
GR-94248C	1/4 FPT	1/2 FPT	2 PSI	Over Outlet	No	1,000,000

