

PRICE LIST

MULTIPLIER (x)

Sensus, Pietro Fiorentini & Cavagna Group Gas Regulator Multiplier (ECCO):



Pietro Fiorentini®

BelGAS

SENSUS
a xylem brand



RESIDENTIAL / LIGHT COMMERCIAL GAS REGULATORS

PRICE SHEET: **H01.GREG.0323**
EFFECTIVE: **03.06.2023**

Please click the Specification Sheets on each Regulator to determine Flow Rates at different PSIs.

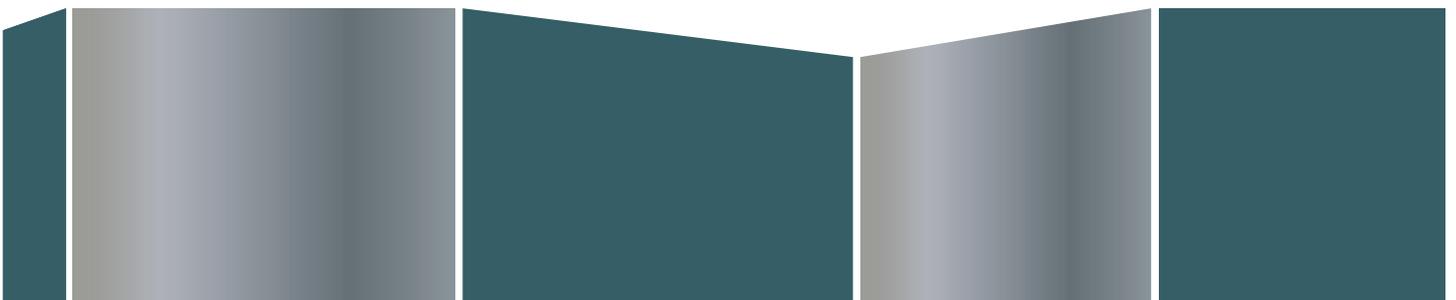


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HYDRAPRO



Pietro Fiorentini®

BelGAS

SENSUS
a xylem brand

CAVAGNA GROUP
Where gas is used we are there

FOR CALIFORNIA CONSUMERS ⚠️ WARNING:

This product can expose you to chemicals including lead compounds, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

www.hydrapro.biz | (877) 813-2333 | Fax (800) 642-2655

Atlanta (GA) • Dallas (TX) • Houston (TX) • Pompano Beach (FL) • Jackson (MI)

RESIDENTIAL/LIGHT COMMERCIAL GAS REGULATORS



MODEL #	CONN.	DESCRIPTION	MAX INLET PSI	SET POINT	OUTLET RANGE	FLOW RATE* (CFH)	MASTER CARTON QTY.	LIST PRICE
SENSUS DOMESTIC SERVICE REGULATORS (1/2" ORIFICE)								
496-043B20-31211	3/4"	6" - 14" W.C. GREEN SPRING	20	8" W.C.	6" - 14" W.C.	1,350	6	\$ 168.45
496-043B20-51211	1"	6" - 14" W.C. GREEN SPRING	20	8" W.C.	6" - 14" W.C.	1,950	6	\$ 168.45



[CLICK HERE FOR SPEC SHEET](#)

[CLICK HERE FOR INSTALLATION SHEET](#)

* Flow Rate (CFH) is at 20 LBS. Inlet Pressure

** For outdoor installations, it is recommended that the regulator be installed so that the regulator vent faces downward.

*** Long Extended Deliveries

Designed for installation before the Gas Meter. Additional Orifice Sizes Available to accommodate higher inlet pressures via special order.



MODEL #	CONN.	DESCRIPTION	MAX INLET PSI (PER CSA)	SET POINT	OUTLET RANGE	FLOW RATE* (CFH)	MASTER CARTON QTY.	LIST PRICE
SENSUS DOMESTIC SERVICE REGULATORS (1/2" ORIFICE)								
143-2-36311	1"	6" - 14" W.C. GREEN SPRING	20	8" W.C.	6" - 14" W.C.	1,300	6	\$ 252.65
143-2-46311	1-1/4"	6" - 14" W.C. GREEN SPRING	20	8" W.C.	6" - 14" W.C.	1,300	6	\$ 294.75



[CLICK HERE FOR BROCHURE](#)

[CLICK HERE FOR INSTALLATION SHEET](#)

* Flow Rate (CFH) is at 20 LBS. Inlet Pressure

** For outdoor installations, it is recommended that the regulator be installed so that the regulator vent faces downward.

Designed for installation before the Gas Meter. Additional Orifice Sizes Available to accommodate higher inlet pressures via special order.



MULTIPLIER (ECCO):

RESIDENTIAL/LIGHT COMMERCIAL GAS REGULATORS



BelGAS

[CLICK HERE FOR SPEC SHEET](#)

MODEL #	CONN.	DESCRIPTION	MAX INLET PSI	SET POINT	OUTLET RANGE	FLOW RATE* (CFH)	MASTER CARTON QTY.	LIST PRICE
BELGAS P140 REGULATORS (1/2" ORIFICE)								
P140R0600 16983F	3/4"	BELGAS P140 6"-16" W.C. R-9 SPRING	10	8" W.C.	6"-16" W.C.	1,320	8	\$ 168.45
P140R0800 16983F	1"	BELGAS P140 6"-16" W.C. R-9 SPRING	10	8" W.C.	6"-16" W.C.	1,555	8	\$ 168.45
P140R1200 16983F	1-1/4"	BELGAS P140 6"-16" W.C. R-9 SPRING *	10	8" W.C.	6"-16" W.C.	1,575	8	\$ 294.75

* **Special Order Item**; longer lead times will apply.

RESIDENTIAL/LIGHT COMMERCIAL GAS REGULATORS

- **Pietro Fiorentini Regulators are engineered to out perform the MAX CSA Inlet 2 PSI Standard. When allowed by local authorities, Governors are designed for Max Inlet PSI of 7.5 PSIG.**
- Suitable for Indoor & Outdoor Installations
- Indoor Installations use the Brass Vent Limiter
- Outdoor Installations use the Green Vent Cap
- No External Vent Required for Indoor Installations, Unless Required by Local Code Officials
- 100% Bubble Tight Lockup
- Governors can be installed in any Direction*
- Both Brass External Vent Limiter and Green Vent Cap Included in Box

* Check Installation Instructions



Pietro Fiorentini USA manufactures Governors in Weirton, WV.

For a Complete Sizing Guide - [PLEASE CLICK HERE](#)



The 7 Questions we need answered to size a Regulator:

1. What is the application?
2. Indoor or Outdoor?
3. Size of Pipe?
4. Inlet Pressure?
5. Outlet Pressure?
6. Single or Multiple Gas Appliances?
7. Total Gas Load (BTUs or CFH) downstream of the Regulator

Correct Placement of the Regulator is required for proper performance. **Install the regulator 3 to 10 feet away from the appliance depending on the application.** A Regulator installed too close to the gas appliance will lock up and not perform properly.



[CLICK TO DOWNLOAD
PIETRO FIORENTINI BROCHURE](#)

MULTIPLIER (ECCO):

RESIDENTIAL/LIGHT COMMERCIAL GAS REGULATORS



MODEL #	CONN. (NPT)	DESCRIPTION	MAX INLET PSI (PER CSA)	SET POINT	OUTLET RANGE	FLOW RATE* (CFH)	MASTER CARTON QTY.	LIST PRICE
GOVERNORS WITH FILTER - LOW CAPACITY (WITH INTEGRAL VENT LIMITER)								
F31051-1BS	1/2"	GOVERNOR WITH BLACK SPRING	2 PSI	8" W.C.	6" - 14" W.C.	785	24	\$ 109.57
F31052-2BS	3/4"	GOVERNOR WITH BLACK SPRING	2 PSI	8" W.C.	6" - 14" W.C.	946	24	\$ 155.81
F31053-3BS	1"	GOVERNOR WITH BLACK SPRING	2 PSI	8" W.C.	6" - 14" W.C.	1,154	24	\$ 155.81



[CLICK HERE FOR BROCHURE](#)

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[CLICK HERE FOR INSTALLATION SHEET](#)



MODEL #	CONN. (NPT)	DESCRIPTION	MAX INLET PSI (PER CSA)	SET POINT	OUTLET RANGE	FLOW RATE* (CFH)	MASTER CARTON QTY.	LIST PRICE
PAINTED GOVERNORS WITH FILTER - LOW CAPACITY (WITH INTEGRAL VENT LIMITER)								
F31051-1BP	1/2"	PAINTED GOVERNOR WITH BLACK SPRING	2 PSI	8" W.C.	6" - 14" W.C.	785	24	\$ 138.77
F31052-2BP	3/4"	PAINTED GOVERNOR WITH BLACK SPRING	2 PSI	8" W.C.	6" - 14" W.C.	946	24	\$ 194.74
F31053-3BP	1"	PAINTED GOVERNOR WITH BLACK SPRING	2 PSI	8" W.C.	6" - 14" W.C.	1,154	24	\$ 200.87

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* Flow Rate (CFH) is at 2 LBS. Inlet Pressure

Polyurethane Exterior Coating for additional protection in outdoor installations

RESIDENTIAL/LIGHT COMMERCIAL GAS REGULATORS



MODEL #	CONN. (NPT)	DESCRIPTION	MAX INLET PSI (PER CSA)	SET POINT	OUTLET RANGE	FLOW RATE* (CFH)	MASTER CARTON QTY.	LIST PRICE
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GAS REGULATORS STANDARD MODEL (WITH INTEGRAL VENT LIMITER & FILTER)

PF400SVLFB12	1/2"	GAS REGULATOR WITH BLACK SPRING	2 PSIG	8" W.C.	7"-10" W.C.	400	25	\$ 77.91
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PF400SVLFY12	1/2"	GAS REGULATOR WITH YELLOW SPRING	2 PSIG	11" W.C.	10"-14" W.C.	400	25	\$ 77.91
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GAS REGULATOR DUAL CUT STANDARD MODEL (WITH INTEGRAL VENT LIMITER & FILTER)

PF400DVLFB12	1/2"	GAS REGULATOR DC WITH B & V SPRING	10 PSIG	7" W.C.	7"-10" W.C.	400	10	\$ 197.21
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* Flow Rate (CFH) is at 2 LBS. Inlet Pressure

[CLICK HERE FOR BROCHURE](#)

PF400 models installed outdoors require orange vent cap(s). Sold Separately - [Click Here To View Orange Vent Cap](#)

[CLICK HERE FOR INSTALLATION SHEET](#)



MODEL #	CONN. (NPT)	DESCRIPTION	MAX INLET PSI	SET POINT	OUTLET RANGE	FLOW RATE* (CFH)	MASTER CARTON QTY.	LIST PRICE
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GOVERNORS DUAL CUT WITH OPD (WITH INTEGRAL VENT LIMITER & FILTER)*

F31051DC-10-7-BY	1/2"	GAS REGULATOR OPD WITH B & Y SPRING	10 PSIG	8" W.C.	6"-14" W.C.	785	1	\$ 591.51
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F31052DC-10-7-BY	3/4"	GAS REGULATOR OPD WITH B & Y SPRING	10 PSIG	8" W.C.	6"-14" W.C.	946	1	\$ 606.13
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[CLICK HERE FOR BROCHURE](#)

F31053DC-10-7-BY	1"	GAS REGULATOR OPD WITH B & Y SPRING	10 PSIG	8" W.C.	6"-14" W.C.	1,270	1	\$ 618.28
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[CLICK HERE FOR INSTALLATION SHEET](#)

* Flow Rate (CFH) is at 10 LBS. Inlet Pressure

* Codes Require for Inlet Pressures of 5 PSI or higher gas regulators to install a Regulator with an Over Pressure Protection Device.

RESIDENTIAL/LIGHT COMMERCIAL GAS REGULATORS



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MODEL #	CONN. (NPT)	DESCRIPTION	MAX INLET PSI	SET POINT	OUTLET RANGE	FLOW RATE* (CFH)	MASTER CARTON QTY.	LIST PRICE
GOVERNORS WORKER/MONITOR OPD (WITH INTEGRAL VENT LIMITER & FILTER)								
F31051-OPD-7-BY	1/2"	GAS REGULATOR OPD WITH B & Y SPRING	10 PSIG	8" W.C.	6"-14" W.C.	785	1	\$ 593.93
F31052-OPD-7-BY	3/4"	GAS REGULATOR OPD WITH B & Y SPRING	10 PSIG	8" W.C.	6"-14" W.C.	946	1	\$ 606.13
F31053-OPD-7-BY	1"	GAS REGULATOR OPD WITH B & Y SPRING	10 PSIG	8" W.C.	6"-14" W.C.	1,270	1	\$ 619.52
F31153-OPD-7-BY	1 1/4"	GAS REGULATOR OPD WITH B & Y SPRING	10 PSIG	8" W.C.	6"-14" W.C.	5,311	1	\$ 1,789.09
F31154-OPD-7-BY	1 1/2"	GAS REGULATOR OPD WITH B & Y SPRING	10 PSIG	8" W.C.	6"-14" W.C.	6,581	1	\$ 1,789.09
F31155-OPD-7-BY	2"	GAS REGULATOR OPD WITH B & Y SPRING	10 PSIG	8" W.C.	6"-14" W.C.	13,278	1	\$ 2,460.92

* Flow Rate (CFH) is at 10 LBS. Inlet Pressure

RESIDENTIAL/LIGHT COMMERCIAL GAS REGULATORS



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MODEL #	CONN. (NPT)	DESCRIPTION	MAX INLET PSI (PER CSA)	SET POINT	OUTLET RANGE	FLOW RATE* (CFH)	MASTER CARTON QTY.	LIST PRICE
HIGH CAPACITY PAINTED GAS REGULATOR (WITH VENT LIMITER)								
F31150-1BP	1/2" **	HIGH CAPACITY PAINTED GAS REGULATOR W. VENT LIMITER	2 PSIG	8" W.C.	8" - 11" W.C.	1,731	12	\$ 348.12
F31151-2BP	3/4"	HIGH CAPACITY PAINTED GAS REGULATOR W. VENT LIMITER	2 PSIG	8" W.C.	8" - 11" W.C.	2,020	12	\$ 348.12
F31152-3BP	1"	HIGH CAPACITY PAINTED GAS REGULATOR W. VENT LIMITER	2 PSIG	8" W.C.	8" - 11" W.C.	2,540	12	\$ 377.32
F31153-4BP	1 1/4"	HIGH CAPACITY PAINTED GAS REGULATOR W. VENT LIMITER	2 PSI	8" W.C.	6" - 14" W.C.	5,311	1	\$ 553.77
F31154-5BP	1 1/2"	HIGH CAPACITY PAINTED GAS REGULATOR W. VENT LIMITER	2 PSI	8" W.C.	6" - 14" W.C.	6,581	1	\$ 730.27
F31155-6BP	2"	HIGH CAPACITY PAINTED GAS REGULATOR W. VENT LIMITER	2 PSI	8" W.C.	6" - 14" W.C.	13,278	1	\$ 1,210.97

* Flow Rate (CFH) is at 2 LBS. Inlet Pressure.

** High Capacity Regulators **should be used on all "High Efficiency" quick acting gas valve applications**, such as generators, pool heaters & high turn-down boilers.

*** Placement of High Capacity regulators is critical for their performance. Please place High Capacity Regulators as far from the high efficiency gas appliance as possible, up to 10'.

**** Order as Needed.

Polyurethane Exterior Coating for additional protection in outdoor installations



GAS REGULATOR ACCESSORIES



MODEL #	DESCRIPTION	INNER CARTON QTY.	MASTER CARTON QTY.	LIST PRICE
PIETRO FIORENTINI ACCESSORIES - VENT CAPS				
GREENCAPSMALL	GREEN VENT CAP FOR 1/2", 3/4", 1" GOVERNOR	1	-	\$ 10.70
GREENCAPLARGE	GREEN VENT CAP FOR 1 1/4" - 4" LARGE GOVERNOR	1	-	\$ 20.76



ORANGECAPSMALL	ORANGE VENT CAP FOR 1/2" PF400 REGULATOR	1	25	\$ 20.76
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• VENT SIZE: 1/8" NPT



MODEL #	DESCRIPTION	LIST PRICE
PIETRO FIORENTINI ACCESSORIES - VENT LIMITERS		
VLSMALL	SMALL VENT LIMITER FOR 1/2", 3/4", 1" GOVERNOR	\$ 41.51
VLLARGE	LARGE VENT LIMITER FOR 1 1/4" - 4" LARGE GOVERNOR	\$ 80.54



Codes require Vent Limiter to be installed horizontally when a regulator is installed vertically.



MODEL #	DESCRIPTION	LIST PRICE
PIETRO FIORENTINI ACCESSORIES - VENT LIMITERS		
PF36706	90 DEGREE VENT LIMITER ADAPTOR FOR PF400	\$ 41.51
PF36334	90 DEGREE VENT LIMITER ADAPTOR FOR 1/2" - 1" GOVERNOR	\$ 41.51
PF36335	90 DEGREE VENT LIMITER ADAPTOR FOR 1 1/4" - 4" GOVERNOR	\$ 47.80



Codes require Vent Limiter to be installed horizontally when a regulator is installed vertically.



RESIDENTIAL/LIGHT COMMERCIAL GAS REGULATORS

- Precise Regulating Control of Flows or Small Pilot Flows
- All Models are Approved by IAS, in Accordance with the Two Different Standards
- Manufactured to Fulfill Utility Specifications in Residential, Commercial and Industrial Applications
- Rubber is reliable in Temperature Ranges from -40/2050° F (-40/960° C)
- Housings are made of Rugged Die-Cast Aluminum
- Regulators are supplied with a Vent Limiter type "O" 3-18 Thread 1/8" NPT. In case of diaphragm rupture, gas leakage is limited within ANSI Standards



[CLICK HERE FOR SPEC SHEET](#)

MODEL #	CONN. (NPT)	DESCRIPTION	MAX INLET PSI	SET POINT	OUTLET RANGE	FLOW RATE* (CFH)	MASTER CARTON QTY.	LIST PRICE
NATURAL GAS APPLIANCE REGULATOR								
4411900002	1/2"	NG APPLIANCE REG WITH VENT LIMITER	2 PSIG	8" W.C.	7" - 11" WC	270	20	\$ 57.21
4412900002	3/4"	NG APPLIANCE REG WITH VENT LIMITER	2 PSIG	8" W.C.	7" - 11" WC	509	20	\$ 135.00



[CLICK HERE FOR SPEC SHEET](#)

MODEL #	CONN. (NPT)	DESCRIPTION	MAX INLET PSI	SET POINT	OUTLET RANGE	FLOW RATE* (CFH)	MASTER CARTON QTY.	LIST PRICE
PROPANE GAS APPLIANCE REGULATOR								
4411900004	1/2"	LP APPLIANCE REG WITH VENT LIMITER	2 PSIG	11" W.C.	7" - 11" WC	234	20	\$ 57.21
4412900003	3/4"	LP APPLIANCE REG WITH VENT LIMITER	2 PSIG	11" W.C.	7" - 11" WC	496	20	\$ 135.00

* Flow Rate (CFH) is at 2 LBS. Inlet Pressure



MAXITROL

MODEL #	CONN. (NPT)	DESCRIPTION	MAX INLET PSI	SET POINT	OUTLET RANGE	FLOW RATE (CFH)	MASTER CARTON QTY.	LIST PRICE
MAXITROL VENT CAP (FITS CAVAGNA APPLIANCE REGULATOR)								
M13A15	1/8"	MAXITROL VENT CAP FOR 325-3 & 325-3L REGULATOR	-	-	-	-	-	\$ 32.64

REFERENCE GUIDE



Cavagna Model # & Part #	Maxitrol Model #	Application	Gas Type	Pipe Size	Max Inlet Pressure	Outlet Pressure	BTU Rating	Carton Count
Type 90 [44-4-190-0002]	325-3	Line Pressure Regulator	Natural	1/2" FNPT	2 PSI	8" WC	270,000	20
Type 90 [44-4-190-0004]	325-3LP	Line Pressure Regulator	LPG	1/2" FNPT	2 PSI	11" WC	235,000	20
Type 95 [44-4-290-0002]	325-5	Line Pressure Regulator	Natural	3/4" FNPT	2 PSI	8" WC	509,000	20
Type 95 [44-4-290-0003]	325-5LP	Line Pressure Regulator	LPG	3/4" FNPT	2 PSI	11" WC	496,000	20

PIETRO FIORENTINI GAS REGULATOR SIZING GUIDE

Pietro Fiorentini® Q to Governor | Governor to Q

Q: Scfh
 p1: p.s.i.
 p2: "w.c.
 opt: Incorporated filter
 Incorporated slam-shut
 Sliding flanges

Q to Governor
 INPUT: flow rate, pressures
 OUTPUT: the Governor's model
 The program selects for You the ideal Governor model for Your input operating conditions

**CLICK HERE FOR
Q to GOVERNOR
SIZING GUIDE**

Pietro Fiorentini® Q to Governor | Governor to Q

Q: Model 30051
 p1: p.s.i.
 p2: "w.c.

Governor to Q
 INPUT: the Governor's model, pressures
 OUTPUT: flow rate
 The program shows You the flow rate of the Governor's model at the operating pressures You chose. The program shows for Your convenience also the flow rates at the same conditions of all the other available models

**CLICK HERE FOR
GOVERNOR to Q
SIZING GUIDE**

PIETRO FIORENTINI APPLICATION NOTES

1. The Governor regulator is ANSI Z21.80A-2012 / CSA 6.22A-2012(R2016) and ANSI Z21.18B-2012 / CSA 6.3B-2012 (R2017) certified for vent limited installations (indoor installations where a vent line is not required) depending upon local codes and standards requirements. Per the terminology of the standard there is no "vent less regulator", they are vent limited because they can leak up to 2.5 cu.ft. per hr. (1 cu.ft. per hr. propane) per the code. The regulators per code can be installed without installing a vent line but again are technically termed "vent limited" per the standard not vent less.
2. The tables listed are guidelines in capacity. The actual capacity can differ based on inlet and outlet piping, type of equipment installed and flowing differential pressure of the system.
3. The Governor is a bubble tight full lockup regulator (it will not leak gas downstream when it shuts off). Lock up of the Governor is certified to ANSI Z21.80A-2012 / CSA 6.22A-2012(R2016) and ANSI Z21.18B-2012 / CSA 6.3B-2012 (R2017) standard. Lock up in any given installation can vary based on, piping, snap acting gas valves on high efficiency equipment, firing rate at the time of equipment shut off, debris in the line, temperature, as well as many other variables. You may see variations in lock up in some installations due to the above Pietro Fiorentini will not guarantee the lock up will meet your equipment requirement due to these variations in installations and piping.
4. The low Capacity GOVERNORS 3/8" - 1" are intended for use on equipment such as unit heaters or simple on/off furnace applications.
5. Use the High Capacity GOVERNORS on all "High Efficiency" quick acting gas valve applications, such as generators, pool heaters, or high turn down boilers. Install a regulator on each individual piece of equipment. Size the regulator at minimum 50% to 100% of listed capacity to minimize high lock-up. Make sure you match the regulator pipe size to the pipe size of the equipments gas train and design the piping to minimize pressure drop to 1" W.C. between the regulator and the gas train.
6. Try to match the GOVERNOR regulator to the pipe size of the equipment and minimize pressure drop between the regulator and equipment to 1" W.C.. Minimize the amount of elbows and fittings between the regulator and the equipment and use full port ball valves not plug valves or reduced port valves.
7. Be careful on applications where you increase the outlet piping more than 1 diameter. You may need to install an external control line in the larger piping. The GOVERNOR can be ordered with or retrofitted with an external control line.
8. Make sure on all installations you don't install the regulator directly at the equipment. Install the regulator 3 to 10 feet away depending on the application.
9. Never install the external brass vent limiter outdoors. For outdoors installation install appropriate vent protection.
10. All GOVERNORS include an inlet filter. The filter and/or regulator may be cleaned by removing the bottom plate Torx security screws, bottom plate assembly, then remove the filter. The filter can then be cleaned with detergent or Buna compatible solvent and dried. The valve and orifice can be cleaned with a cloth while the bottom plate is off. Then reassemble the unit.
11. If there are ever any questions on the installation or application of the Governor regulator, immediately contact your local authorized distributor or representative.
12. The maximum inlet pressure on the regulator label is the required maximum pressure of the ANSI Z21.80A-2012 / CSA 6.22A-2012(R2016) and ANSI Z21.18B-2012 / CSA 6.3B-2012 (R2017) rating. It is not always the maximum allowable operating inlet pressure of the regulator. The rating is a CSA requirement.

GAS REGULATOR SIZING GUIDE

NAME OF JOB: _____

LOCATION: _____

DATE: _____

CONTACT PERSON: _____

PHONE #: _____

EMAIL: _____

STEP 1: SELECT YOUR APPLICATION?

POOL HEATER	GENERATOR	TANK WATER HEATER	TANKLESS WATER HEATER	FURNACE	GAS STOVE OVEN RANGE	FIREPLACE	UNIT HEATER
							

STEP 2: APPLICATION DETAILS

PIPE SIZE: _____

INLET PRESSURE: _____

OUTLET PRESSURE: _____

LOCATION: OUTSIDE INSIDE

STEP 3: CALCULATE TOTAL BTU'S

POOL HEATER: _____ BTU'S

GENERATOR: _____ BTU'S

TANK WATER HEATER: _____ BTU'S

TANKLESS WATER HEATER: _____ BTU'S

FURNACE: _____ BTU'S

GAS STOVE OVEN RANGE: _____ BTU'S

FIREPLACE: _____ BTU'S

UNIT HEATER: _____ BTU'S

MISCELLANEOUS: _____ BTU'S

**CALCULATE
TOTAL BTU'S**