



**CITY OF FORT PIERCE, FLORIDA
BUILDING DEPARTMENT
APPLICATION FOR BUILDING PERMIT**
(772) 467-3718 FAX (772) 467-3849
building@city-ftpierce.com

PERMIT # 18-3143
FBC (2017) 6th Edition
PIN # 941672

Building Department Project Manager:
Shanna

*Property Address 1606 FRANCES AVE *Date July 30, 2018
Parcel ID# 2401-605-0110-000-8 *# of plans submitted 2 *# of CD's submitted 0
(Located on your tax bill)
*Owner Name JOSEPH GRIFFIN *Owner Address 1606 FRANCES AVE
Phone # () - - Fax # () - - Cell # () - -
Email Address _____

***Required Information**

Type of permit LP GAS *Valuation \$ 2492.00
*Description of Work: INSTALLATION OF 1-120 LP GAS TANK RUN LINES TO STOVE

Architect: _____
Phone () - - Fax () - - Email Address _____
Engineer: _____
Phone () - - Fax () - - Email Address _____

RECEIVED
SEP 14 2018
Building Department

***CONTRACTOR/APPLICANT INFORMATION:**

City License # 18-00029718 State License # 30558
Company Name Ferrellgas Qualifier GAMALIEL PORTALES
Address 3332 SEDIXIE HWY City/State Stuart Zip 34997
Phone # (772) 287-4330 Fax # (772) 287-3456 Cell # () - -
Email Address EMILY@Ferrellgas.COM

Occupancy SF Construction Type _____ # of Units _____ # of Stories _____
Sq. Ft. Conditioned Space _____ Total Sq. Ft. _____

I understand that no building may be occupied until a Certificate of Occupancy/Certificate of Completion has been issued after final inspection by the Building Department and full compliance with the building code, city ordinances, state statutes and other applicable rules and regulations have been satisfied. I am also verifying that all sets of plans submitted are identical.

Application is hereby made to obtain a permit to do the work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work will be performed to meet the standards of all laws regulating construction in this jurisdiction. I understand that a separate permit must be secured for electrical work, plumbing, signs, wells, pools, furnaces, boilers, heaters, tanks, and air conditioners etc.

Owner's Affidavit: I certify that all the foregoing information is accurate and that all work will be done in compliance with all applicable laws regulating construction and zoning.

update - License

WARNING TO OWNER:
YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION.
IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

Must be signed by owner/Agent and applicant:

[Handwritten signature]

[Handwritten signature]

(Signature of contractor)

(Signature of Owner or Agent (including contractor))

State of Florida, County of Martin

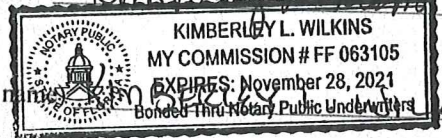
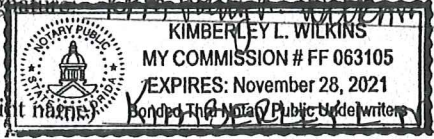
State of Florida, County of Martin

Affirmed to and subscribed before me this 12
September 20 18, by Gamaliel Portales
 personally known to me or who has produced
 as identification.

Affirmed to and subscribed before me this 12th September
20 18, by Gamaliel Portales
 personally known to me or who has produced
 as identification.

Notary Signature: *[Handwritten signature]*

Notary Signature: *[Handwritten signature]*



Notary (print name) KIMBERLEY L. WILKINS

Notary (print name) KIMBERLEY L. WILKINS

Construction documents must accompany this application. The Florida energy code submitted becomes an integral part of this plan and must pass final inspection. "Notice: In addition to the requirements of this permit, there may be additional restrictions applicable to this property that may be found in the public record of this county, and there may be additional permits required from other governmental entities such as waste management district, state agencies, or federal agencies. "SIGNATURE OF THE APPLICANT MUST BE NOTARIZED. If owner builder, applicant must sign in person. BUILDING PERMIT includes: Building, Electrical, Plumbing, Mechanical, and Sewer only. All other trades require separate applications.

Asbestos compliance: It is the owner's or operator's responsibility to comply with section 469.003, Florida Statutes, and to notify the Department of Environmental Protection of his or her intentions to remove asbestos, when applicable, in accordance with state and federal law.

FEE SIMPLE TITLEHOLDER, BONDING COMPANY AND MORTGAGE LENDER INFORMATION IS REQUIRED WHEN THE AGGREGATE VALUE (TOTAL COST OF ALL IMPROVEMENTS AND NOT JUST WORK AUTHORIZED BY THE INDIVIDUAL PERMIT) IS \$2500 OR MORE (EXCEPT HVAC REPAIR/REPLACEMENT < \$7500). PLEASE ADDRESS ALL ITEMS.

Fee Simple Titleholder's Same as Owner
 Name (if other than owner): _____
 Address: _____
 City: _____ State: _____ Zip: _____

Bonding Company Not Applicable
 Name: _____
 Address: _____
 City: _____ State: _____ Zip: _____

Mortgage Lender's Not Applicable
 Name: _____
 Address: _____
 City: _____ State: _____ Zip: _____

OFFICE USE ONLY

Is the property located in a Special Flood Hazard Area (floodplain) per the current Flood Insurance Rate Map (FIRM)

Flood Zone: Ae1 Reviewed by: SG Yes No
 Determination: KK

Permit Fee	\$ <u>100</u>	Other	\$ _____	Plan Review Fee	\$ <u>75</u>
State Surcharge	\$ <u>4.00</u>	Other	\$ _____	Routing Fee	\$ _____
Subcontractor	\$ _____	Flood Review Fee	\$ <u>15</u>	Other	\$ _____

Total Amount Due at Issuance \$ _____

Remarks _____

Active Code Violation Yes No
 Case # _____
 Case Type _____

Reviewed by JZB Date 9/18/18 Final Check _____ Date _____

Michelle Franklin, CFA -- Saint Lucie County Property Appraiser -- All rights reserved.

Property Identification

Site Address: 1606 FRANCES AVE
Sec/Town/Range: 01/35S/40E
Map ID: 24/01D
Zoning: R2

Parcel ID: 2401-605-0110-000-8
Account #: 15289
Use Type: 0100
Jurisdiction: Fort Pierce

Ownership

Joseph Griffin III
Julia Judge
14434 Mandolin DR
Orlando, FL 32837

Legal Description

THUMB POINT BLK 7 LOT 6 (OR 4137-1184)

Current Values

Just/Market Value: \$195,700
Assessed Value: \$126,558
Exemptions: \$75,500
Taxable Value: \$51,058
Taxes for this parcel: SLC Tax Collector's Office
Download TRIM for this parcel: Download PDF



Total Areas

Finished/Under Air (SF): 1,656
Gross Area (SF): 2,927
Land Size (acres): 0.24
Land Size (SF): 10,371

Sale History

Date	Book/Page	Sale Code	Deed	Grantor	Price
May 17, 2018	4137 / 1184	0001	WD	Aiello Arthur	\$290,000
Jan 27, 2014	3599 / 0531	0314	QC	Aiello Rose Marie	\$100
Jan 27, 2014	3599 / 0531	0314	QC	Aiello Rose Marie	\$100
Jan 27, 2014	3599 / 0531	0314	QC	Aiello Rose Marie	\$100
Jan 27, 2014	3599 / 0531	0314	QC	Aiello Rose Marie	\$100
Jan 1, 1900					\$0

Building Information (1 of 1)

Finished Area: 1,656 SF
Gross Total Area: 2,927 SF

Exterior Data

View:	Roof Cover: Dim Shingle	Roof Structure: Gable
Building Type: HC	Year Built: 1974	Frame:
Grade: C	Effective Year: 1974	Primary Wall: CB Stucco
Story Height: 1 Story	No. Units: 1	Secondary Wall:

Interior Data

Bedrooms: 3	Electric: MAXIMUM	Primary Int Wall:
Full Baths: 2	Heat Type: FrcdHotAir	Avg Hgt/Floor: 0
Half Baths: 0	Heat Fuel: ELEC	Primary Floors: Carpet
A/C %: 100%	Heated %: 100%	Sprinkled %: 0%

Date: _____

Reviewed: _____ GAS APPLIANCE INSIDE BUILDING ENVELOPE, UG LINE 10 PSI/ INTERIOR 12" TO 13" WC

CITY OF FORT PIERCE

RECEIVED
 JUL 30 2018
 ST. Lucie County, Permitting

These plans and all proposed work are subject to any corrections required by field inspectors that may be necessary in order to comply with all applicable codes

3232 SE. Dixie Hwy.
 Stuart, FL 34997
 Office 772-287-4330
 Fax 772-287-3456

OWNER: Bruce Griffen
ADDRESS 1606 Frances Ave.
CITY Ft. Pierce
STATE FLORIDA **ZIP** 34949

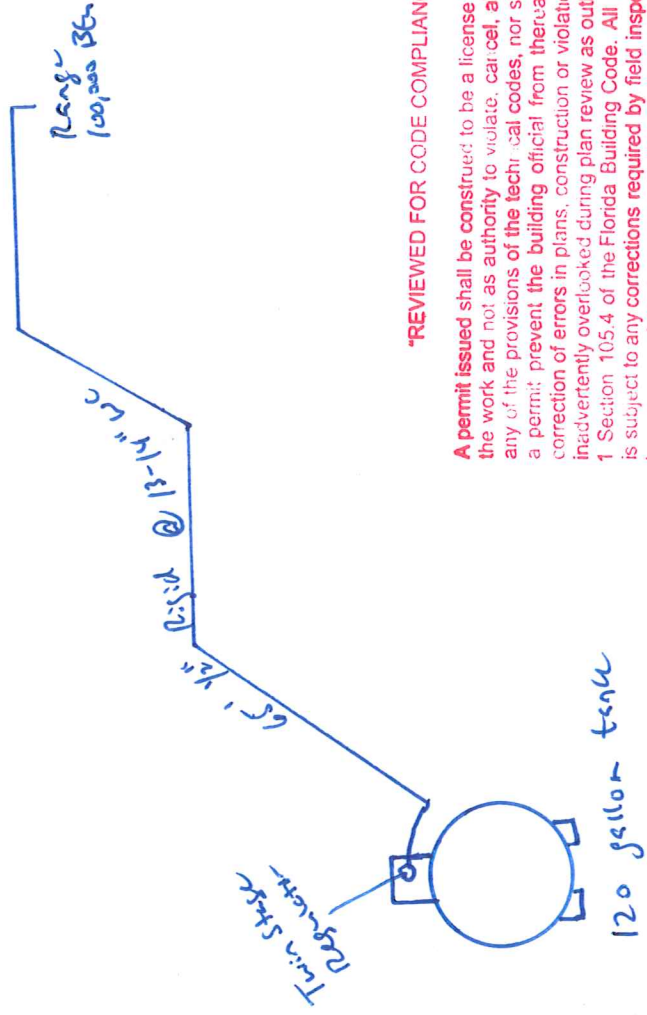
BUILDER owner

FERRELLGAS BY JOSH
CELL 239-300-3145

INSTALLATION TO BE MADE IN OCCORDANCE WITH NFPA 54 & 58 AS WELL AS ALL STATE AND LOCAL CODES

OUTLETS 1
TOTAL BTU'S 109000
REGULATORS
1ST STAGE 522HGJ MEC
2ND STAGE 652 HSRL MEC

TANK SIZE 420 (horizontal)
A/G xxx
U/G



"REVIEWED FOR CODE COMPLIANCE"

A permit issued shall be construed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance of a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code inadvertently overlooked during plan review as outlined in Chapter 1 Section 105.4 of the Florida Building Code. All proposed work is subject to any corrections required by field inspectors that may be necessary in order to comply with all applicable codes.

ZT

ALL WORK SHALL BE IN ACCORDANCE WITH NFPA 54-58, NATIONAL FUEL GAS CODE AND FLORIDA FUEL GAS CODE 2017.

TANKS INSTALLED IN TRAFFIC AREAS SHALL BE PROTECTED WITH GALV. STEEL SCHED. 80 PIPE BOLLARDS (4"Ø) 6' LONG X 3' BURY DEPTH WITH CAP @ 3' O.C.

PROPANE TANK WIND LOAD

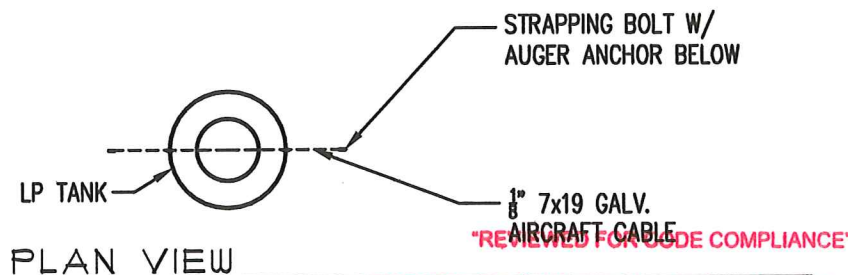
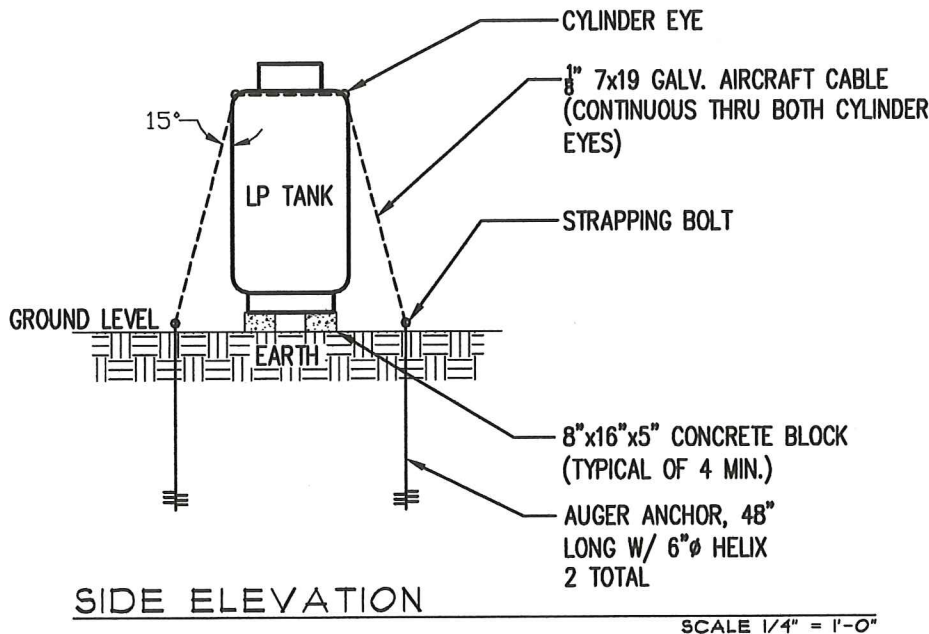
FORCE ON TANK = $0.00256V^2 * A * Cd$
= $0.00256(170\text{mph})^2 * 13.33\text{ft}^2 * 1.2 = 1184 \text{ LBS}$

FORCE ON 1/8" CABLE = 1184 LBS
TENSILE STRENGTH OF 1/8" CABLE = 2000 LBS

FORCE ON AUGER ANCHOR = $1184 / 2 = 592 \text{ LBS}$
MIN. PULL-OUT RESISTANCE OF AUGER ANCHOR = 1360 LBS

WIND LOAD CERTIFICATION:

CODE FBC 2017 / ASCE 7-10
WIND SPEED = 170 MPH, 3 SEC. GUST
EXPOSURE D
INTERNAL PRESSURE COEFF. 0.00



These plans and all proposed work are subject to any corrections required by field inspectors that may be necessary in order to comply with all applicable codes

A permit issued shall be considered a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance of a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code inadvertently overlooked during plan review as outlined in Chapter 1 Section 105.4 of the Florida Building Code. All proposed work is subject to any corrections required by field inspectors that may be necessary in order to comply with all applicable codes.

LP TANK ANCHORING - 120 GALLON UPRIGHT ABOVE GROUND

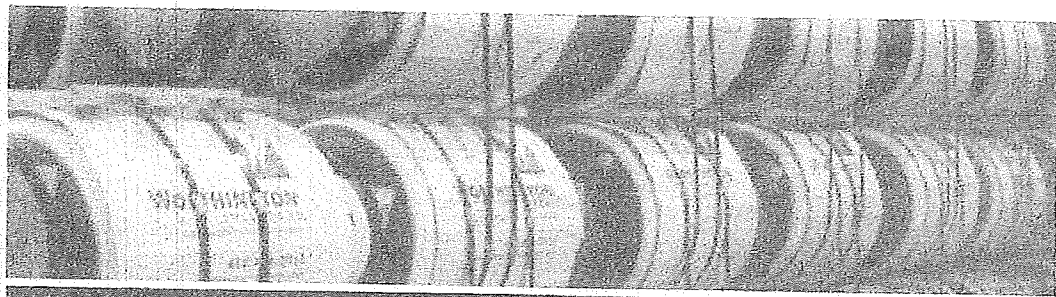
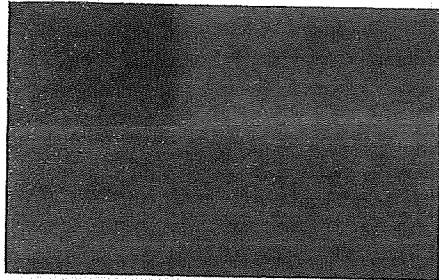
ISSUE DATE:

DRAWN:
APPROVED:

DRAWING NUMBER

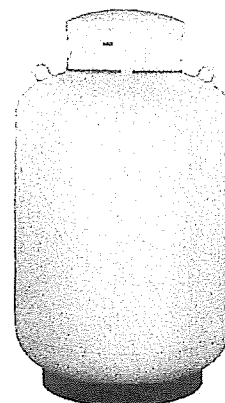
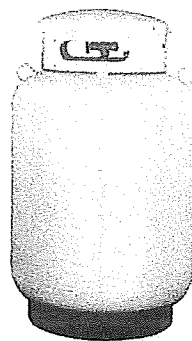
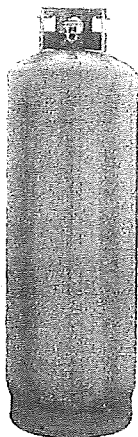
T-1

LP120UpAG



LPG

HEATING



SPECIFICATIONS

STANDARD

MODEL/SIZE (LBS)	100	200	420
HEIGHT (IN)	48	40	52
LPG CAPACITY (GAL)	23.6	47.2	99.1
WATER CAPACITY (LBS)	239	474	1,000
NOMINAL TARE WEIGHT (LBS)	68	142	271
CYLINDER DIAMETER (IN)	14.7	24	30
CYLINDER VOLUME (CU. IN)	6,616	13,120	27,680
COLLAR DIAMETER (IN)	6.5	16	16
COLLAR HEIGHT (IN)	5.1	6.9	6.9
FOOTRING DIAMETER (IN)	14.5	19	22
VALVE	CGA-510 NO OPD	CGA-510 NO OPD	CGA-510 NO OPD
STANDARD SPECIFICATION	DOT-4BW240	DOT-4BW240	DOT-4BW240

METRIC

MODEL/SIZE (LBS)	100	200	420
HEIGHT (MM)	1,219	1,016	1,321
LPG CAPACITY (L)	86.7	172	360
WATER CAPACITY (KG)	108.4	215	450
NOMINAL TARE WEIGHT (KG)	30.8	64.4	122.9
CYLINDER DIAMETER (MM)	373	610	762
CYLINDER VOLUME (L)	108.4	215	450
COLLAR DIAMETER (MM)	165	406	406
COLLAR HEIGHT (MM)	130	175	175
FOOTRING DIAMETER (MM)	368	483	559
VALVE	CGA-510 NO OPD	CGA-510 NO OPD	CGA-510 NO OPD
STANDARD SPECIFICATION	DOT-4BW240	DOT-4BW240	DOT-4BW240

All dimensions are approximate.

201 OLD WILSON BRIDGE ROAD
 COLUMBUS, OHIO 43085
 P: 614.438.3013
 F: 614.438.3083

TOLL-FREE: 866.228.2657
 CYLINDERS@WORTHINGTONINDUSTRIES.COM
 WORTHINGTONCYLINDERS.COM



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Table 6.3(d) Schedule 40 Metallic Pipe

		Gas: Undiluted Propane								
		Inlet Pressure: 11.0 in. w.c.								
		Pressure Drop: 0.5 in. w.c.								
		Specific Gravity: 1.50								
INTENDED USE: Pipe Sizing Between Single or Second Stage (Low-Pressure) Regulator and Appliance										
		Pipe Size (in.)								
Nominal Inside:	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	
Actual:	0.622	0.824	1.049	1.380	1.610	2.067	2.469	3.068	4.026	
		Capacity in Thousands of Btu per Hour								
Length (ft)	10	20	30	40	50	60	80	100	125	150
	291	608	1,150	2,350	3,520	6,790	10,800	19,100	39,000	
	200	418	787	1,620	2,420	4,660	7,490	13,100	26,800	
	160	336	632	1,300	1,940	3,750	5,970	10,600	21,500	
	137	287	541	1,110	1,660	3,210	5,110	9,030	18,400	
	122	255	480	985	1,480	2,840	4,590	8,000	16,300	
	110	231	454	892	1,340	2,570	4,100	7,250	14,800	
	101	212	400	821	1,230	2,370	3,770	6,670	13,600	
	94	197	372	763	1,140	2,200	3,510	6,210	12,700	
	89	185	349	716	1,070	2,070	3,290	5,820	11,900	
	84	175	330	677	1,010	1,950	3,110	5,500	11,200	
	74	155	292	600	899	1,730	2,760	4,880	9,950	
	67	140	265	543	814	1,570	2,500	4,420	9,010	
	62	129	243	500	749	1,440	2,300	4,060	8,290	
	58	120	227	465	697	1,340	2,140	3,780	7,710	
	51	107	201	412	618	1,190	1,900	3,350	6,840	
	46	97	182	373	560	1,080	1,720	3,040	6,190	
	42	89	167	344	515	991	1,580	2,790	5,700	
	40	83	156	320	479	922	1,470	2,600	5,300	
	37	78	146	300	449	865	1,380	2,440	4,970	
	35	73	138	283	424	817	1,300	2,300	4,700	
	33	70	131	269	403	776	1,240	2,190	4,460	
	32	66	125	257	385	741	1,180	2,090	4,260	
	30	64	120	246	368	709	1,130	2,000	4,080	
	29	61	115	236	354	681	1,090	1,920	3,920	
	28	59	111	227	341	656	1,050	1,850	3,770	
	27	57	107	220	329	634	1,010	1,790	3,640	
	26	55	104	213	319	613	978	1,730	3,530	
	25	53	100	206	309	595	948	1,680	3,420	
	25	52	97	200	300	578	921	1,630	3,320	
	24	50	95	195	292	562	895	1,580	3,230	
	23	48	90	185	277	534	850	1,500	3,070	
	22	46	86	176	264	509	811	1,430	2,930	
	21	44	82	169	253	487	777	1,370	2,800	
	20	42	79	162	243	468	746	1,320	2,690	
	19	40	76	156	234	451	719	1,270	2,590	
	19	39	74	151	226	436	694	1,230	2,500	
	18	38	71	146	219	422	672	1,190	2,420	
	18	37	69	142	212	409	652	1,150	2,350	

Note: All table entries are rounded to 3 significant digits.

RegO First Stage Regulators



First Stage Regulators, High Pressure Domestic

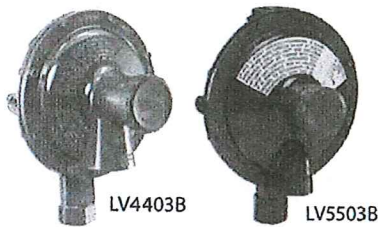
Provides accurate first stage regulation in two-stage bulk tank systems. Reduces tank pressure to an intermediate pressure of 5 to 10 PSIG. Also used to supply high pressure burners for applications like industrial furnaces or boilers. Domestic LP-gas installations, also incorporated in multiple cylinder installations.

PART NUMBER	INLET CONNECTION	OUTLET CONNECTION	ORIFICE SIZE	FACTORY DELIVERED PRESSURE	INTEGRAL ADJUSTMENT RANGE	RELIEF VALVE INCLUDED	VAPOR CAPACITY BTU/HR. PROPANE
LV3403TR	1/4" F. NPT	1/2" F. NPT	1/4"	11	9-13	Yes	1,500,000
LV4403TR4	1/2" F. NPT	1/2" F. NPT	1/4"	10	5-10	Yes	2,500,000*
LV4403SR9	1/2" F. NPT	1/2" F. NPT	1/4"	5	1-5	Yes	2,500,000*
LV4403TR9	F. POL	1/2" F. NPT	1/4"	10	5-10	Yes	2,500,000*
LV4403SR96	F. POL	3/4" F. NPT	1/4"	5	1-5	Yes	2,500,000*
LV4403TR96	F. POL	3/4" F. NPT	1/4"	10	5-10	Yes	2,500,000*
LV3403TRV9	1/4" F. NPT	1/2" F. NPT	1/4"	10	-	Yes	1,500,000**

* Maximum flow based on inlet pressure 20 PSIG higher than the regulator setting and delivery pressure 20% lower than the setting.

** Vent at 9 o'clock.

RegO Low Pressure Second Stage Regulators



Second Stage Regulators Low Pressure, Domestic

Designed to reduce first stage pressure of 5 to 20 PSIG down to burner pressure, normally 11" WC. Ideal for medium commercial installations, multiple cylinder installations and normal domestic loads.

Backmount Design

Mounts directly to house line piping. Eliminates need for union joints and elbows and mounting brackets. Quick and easy to install.

PART NUMBER	INLET CONNECTION	OUTLET CONNECTION	ORIFICE SIZE	FACTORY DELIVERED PRESSURE	ADJUSTMENT RANGE	VENT POSITION	VAPOR CAPACITY BTU/HR. PROPANE
LV4403B4	1/2" F. NPT	1/2" F. NPT	#28 Drill	11" WC at 10 PSIG Inlet	9" to 13" WC	Over Inlet	935,000
LV4403B46	1/2" F. NPT	3/4" F. NPT	#28 Drill	11" WC at 10 PSIG Inlet	9" to 13" WC	Over Inlet	935,000
LV4403B46R*	1/2" F. NPT	3/4" F. NPT	#28 Drill	11" WC at 10 PSIG Inlet	9" to 13" WC	Over Inlet	935,000
LV4403B66	3/4" F. NPT	3/4" F. NPT	#28 Drill	11" WC at 10 PSIG Inlet	9" to 13" WC	Over Inlet	935,000
LV4403B66R*	3/4" F. NPT	3/4" F. NPT	#28 Drill	11" WC at 10 PSIG Inlet	9" to 13" WC	Over Inlet	935,000
LV5503B4	1/2" F. NPT	3/4" F. NPT	1/4"	11" WC at 10 PSIG Inlet	9" to 13" WC	Over Inlet	1,600,000
LV5503B6	3/4" F. NPT	3/4" F. NPT	1/4"	11" WC at 10 PSIG Inlet	9" to 13" WC	Over Inlet	1,600,000
LV5503B8	3/4" F. NPT	1" F. NPT	9/32"	11" WC at 10 PSIG Inlet	9" to 13" WC	Over Inlet	2,300,000
LV4403B66RA**	3/4" F. NPT	3/4" F. NPT	3/16"	11" WC at 10 PSIG Inlet	9" to 13" WC	Over Inlet	1,000,000
LV4403B66R-AB**	3/4" F. NPT	3/4" F. NPT	3/16"	11" WC at 10 PSIG Inlet	9" to 13" WC	Over Inlet	1,000,000
LV3403B4	1/2" F. NPT	1/2" F. NPT	1/4"	11" WC at 10 PSIG Inlet	-	-	-

* Backmount Design ** Sidemount Design

RegO Low Pressure Second Stage Tobacco Barn Regulator

Especially developed for drying barns in the tobacco industry. The LV5503G4 regulator will supply a steady and constant flow of fuel to as many as 12 to 20 burners throughout the barn.

LV5503G4



PART NUMBER	INLET CONNECTION	OUTLET CONNECTION	ORIFICE SIZE	FACTORY DELIVERED PRESSURE	ADJUSTMENT RANGE	VENT POSITION	VAPOR CAPACITY BTU/HR. PROPANE
LV5503G4	1/2" F. NPT	3/4" F. NPT	1/4"	15" WC at 15 PSI Inlet	8"-18" WC	Over Inlet	1,750,000

*Maximum flow is based on 15 PSIG inlet and 13" WC delivery pressure.