

L.P.G ADAPTORS

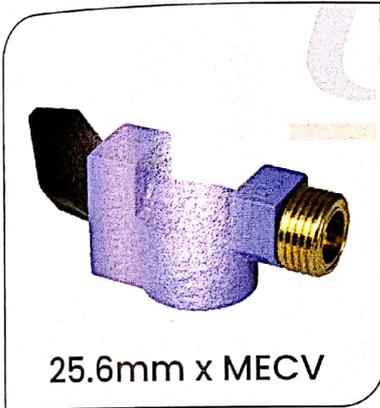
COMPACT VALVE ADAPTOR TYPE: MULTI LOCK (M/L)

Unitech's pressure die-cast multipoint adaptors allow the connecting of self-closing cylinders to high-pressure systems via normal outlet fittings with unreduced pressure and a high flow rate. The adaptors are equipped with a non-return valve to guarantee that no L.P.G. flows while the cylinders are unconnected. The distinguishing characteristic of The Multi-Point Locking mechanism, which is paired with a face seal, assures that the adapter will not leak even if loaded off-axis. The rapid disconnect design and a safety interlock guarantee that the device can only be detached once the gas flow has been turned off.



COMPACT VALVE ADAPTOR TYPE: SINGLE LOCK (S/L)

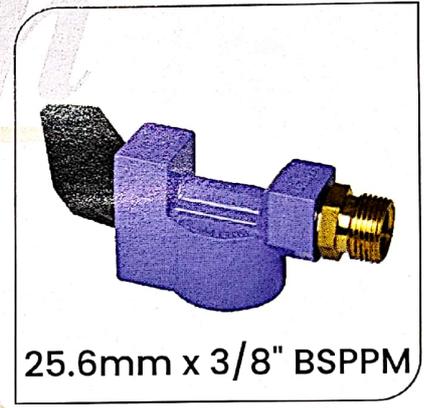
Unitech's pressure die casting Single Lock adaptors allow the connecting of self-closing cylinders to high-pressure systems via normal outlet fittings with unreduced pressure and a high flow rate. The adaptors have a built-in return valve to ensure no L.P.G. flows while the cylinders are unconnected.



25.6mm x MECV



For Stove Attachment



25.6mm x 3/8" BSPPM

TYPE	INLET CONNECTION (FOR SELF CLOSING VALVE SIZE)	OUT LET CONNECTION
MULTI LOCK (M/L)	22.0 mm OR 25.6 mm	SI: 21.8 X 1.814 (M) LH OR 3/8" BSPTM OR STANDARD FIX NOZZLE OR TOP CONNECTION OR NEEDLE CONTROL VALVE

TYPE	INLET CONNECTION (FOR SELF CLOSING VALVE SIZE)	OUT LET CONNECTION
SINGAL LOCK (S/L)	25.6 mm	SI: 21.8 X 1.814 (M) LH OR 3/8" BSPTM OR STANDARD NOZZLE OR AS PER REQUIREMENT

L.P.G REGULATORS

MAIN LINE REGULATOR



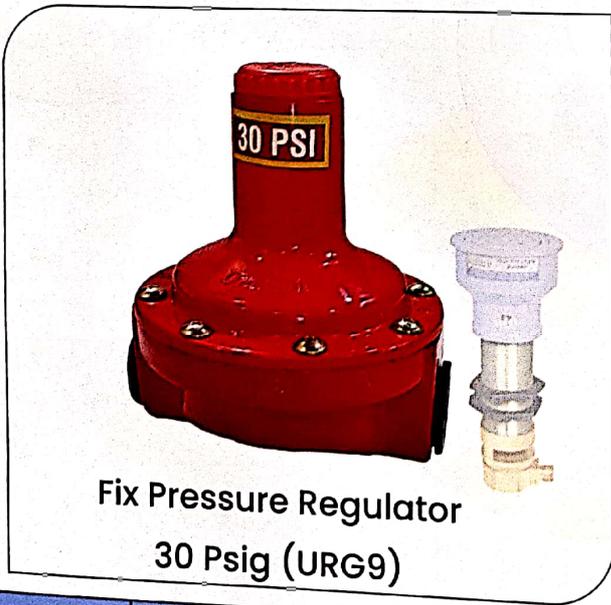
Adjustable Main Line Regulator
URG-2



Adjustable Main Line Regulator
(ALUMINIUM BODY) URG-2AL

INLET CONNECTION	OUTLET CONNECTION	GAUGE CONNECTION	INLET PRESSURE	DELIVERY PRESSURE	FLOW RATE AT 0.35 Kg/cm ² (5 Psig)
SI:21.814 X 1.814 LH Thread	1/4" BSPPF	1/8" BSPPF	0.35 - 10.5 kgf/cm ² (5-150 Psig)	0.035 - 2.1 kgf/cm ² (0.5-30 Psig)	20 kgs/ Hr. (44Lbs/ Hr.)

ADJUSTABLE PRUSSURE REGULATOR 30 Psig



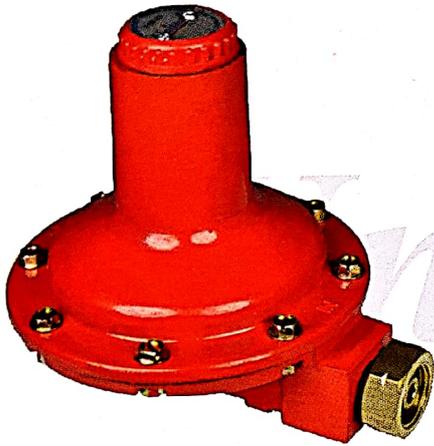
Fix Pressure Regulator
30 Psig (URG9)



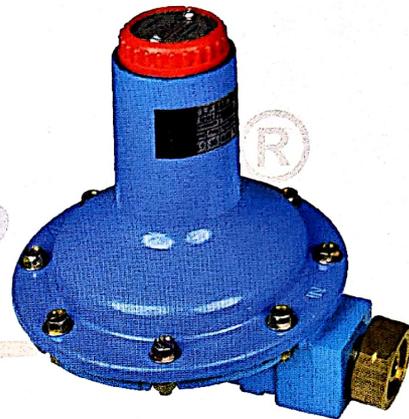
Adjustable Pressure Regulator
30 Psig (URG9)

TYPE	INLET CONNECTION	OUTLET CONNECTION	INLET PRESSURE		DELIVERY PRESSURE	FLOW RATE AT 0.1 kgf/cm ² (30 Psig)
			MAX.	MIN.		
PRESET	1" BSPPF	1" BSPPF	10.5 kgf/cm ² (150Psig)	3.5 kgf/cm ² (50 Psig.)	2.1kgf/cm ² (30 Psig.)	160 Kgs/ Hr. (350 Lbs/ Hr.)
ADJUSABLE	1" BSPPF	1" BSPPF	10.5 kgf/cm ² (150Psig)	3.5 kgf/cm ² (50 Psig.)	0.035-2.1 kgf/ cm ² (0.5 to 30 Psig.)	160 Kgs/ Hr. (350 Lbs/ Hr.)

PRE SET REGULATORS



Preset Regulator
5/10/15/20 Psig (URG4)



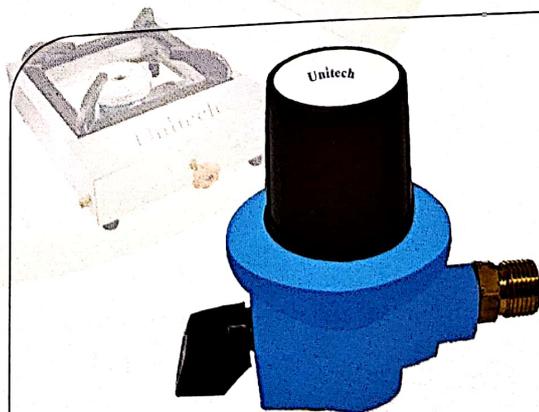
Preset Regulator
0.5 Psig (URG4-0.5)

MODEL No.	COLOUR CODE	INLET	OUTLET	INLET PRESSURE		DELIVERY PRESSURE	FLOW RATE
				MINIMUM	MAXIMUM		
PSR 20	RED	SI:21.8 X 1.814 (F) LH	1/2" BSPPF	10.5 kgf/cm ² (150 Psig)	3.5 kgf/cm ² (50 Psig)	2.10 kgf/cm ² (20 Psig)	56.5 kgs/ hr. (125 Lbs/hr.)
PSR 15	RED				3.5 kgf/cm ² (50 Psig)	1.05 kgf/cm ² (15 Psig)	45.5 kgs/ hr. (100 Lbs/hr.)
PSR 10	RED				3.5 kgf/cm ² (50 Psig)	0.07 kgf/cm ² (10 Psig)	38.5 kgs/ hr. (84 Lbs/hr.)
PSR 5	RED				3.5 kgf/cm ² (50 Psig)	0.35 kgf/cm ² (5 Psig)	32.0 kgs/ hr. (70.5 Lbs/hr.)
PSR 0.5	BLUE				3.5 kgf/cm ² (50 Psig)	0.035 kgf/cm ² (0.5 Psig)	10.0 kgs/ hr. (22.0 Lbs/hr.)

VARIABLE HIGH PRESSURE REGULATOR (VHPR)



Variable High Pressure Regulator
Outlet Pressure: 30 gms. To 70 gms.
for 5/19 kg's Cylinder



Single Lock
Adjustable Regulator 25.6mm
Outlet 3/8" BSP or STD. Nozzle

L.P.G REGULATORS

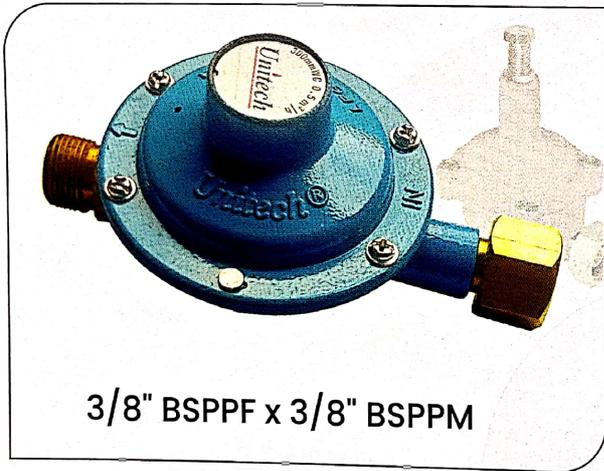
F-TYPE LOW PRESSURE REGULATOR



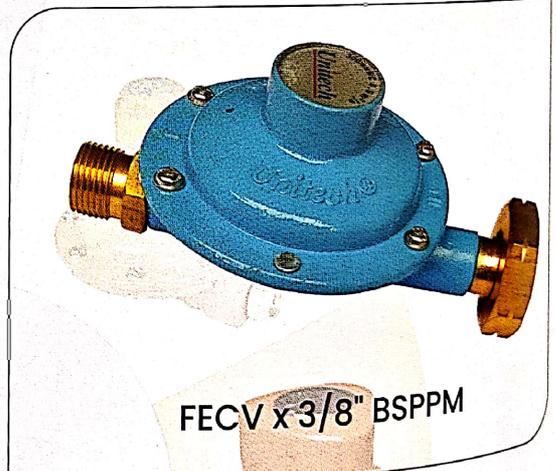
3/8" BSPPF x 10mm Nozzle



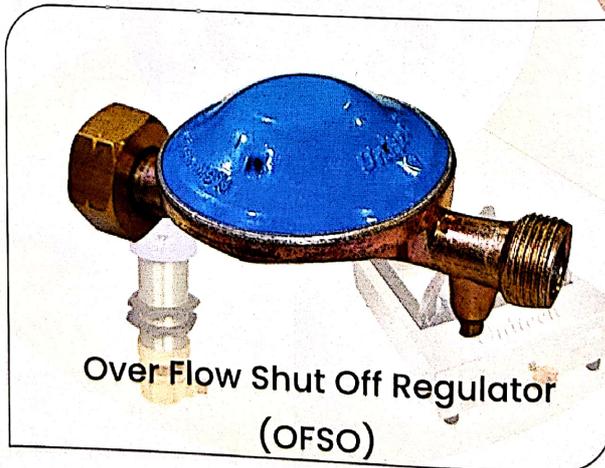
FECV x 10mm Nozzle



3/8" BSPPF x 3/8" BSPPM



FECV x 3/8" BSPPM

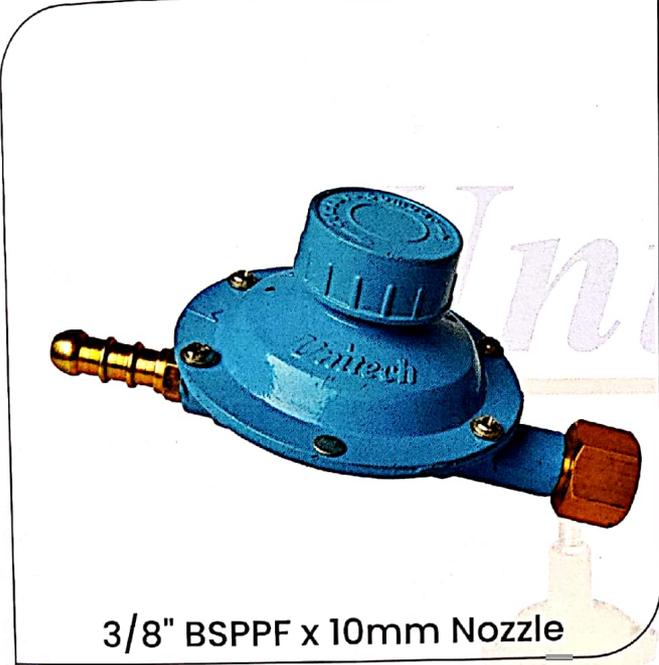


Over Flow Shut Off Regulator (OFSO)

TYPE	INLET CONNECTION	OUTLET CONNECTION	DELIVERY PRESSURE @ 0.5 M3/Hr. FLOW RATE
FIXED	SI:21.8 X 1.814 (M) LH OR 3/8" BSPPF	STANDERD NOZZLE OR 3/8" BSPPM	30 gmf/Cm ² (300 mm WC)
FIXED	SI:21.8 X 1.814 (M) LH OR 3/8" BSPPF	STANDERD NOZZLE OR 3/8" BSPPM	30 gmf/Cm ² (300 mm WC)
FIXED CUT-OFF	F.E.C.V	M.E.C.V	Inlet Pressure: 0.5 Psig TO 30 Psig (Flow Rate 1.5 Kg/hr.) Delivery Pressure: 30gms/cm ² (11 Ins wc)

L.P.G REGULATORS

F-TYPE LOW PRESSURE REGULATOR ADJUSTABLE



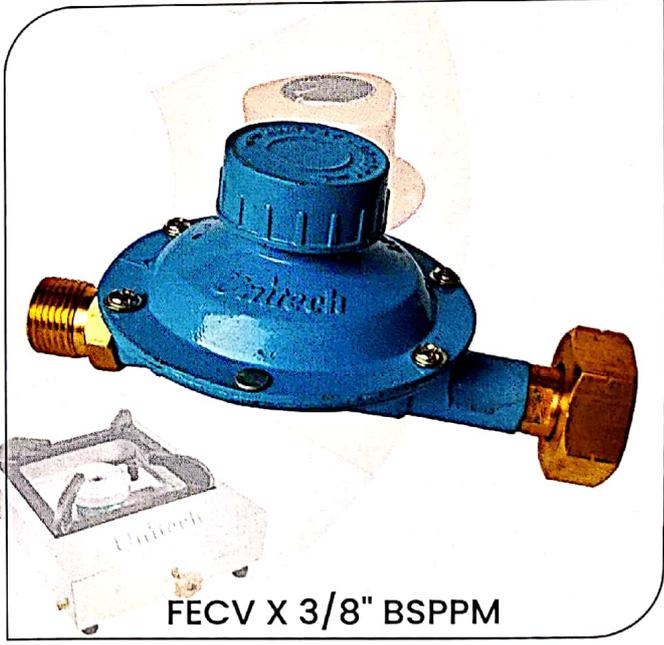
3/8" BSPPF x 10mm Nozzle



FECV x 10mm Nozzle



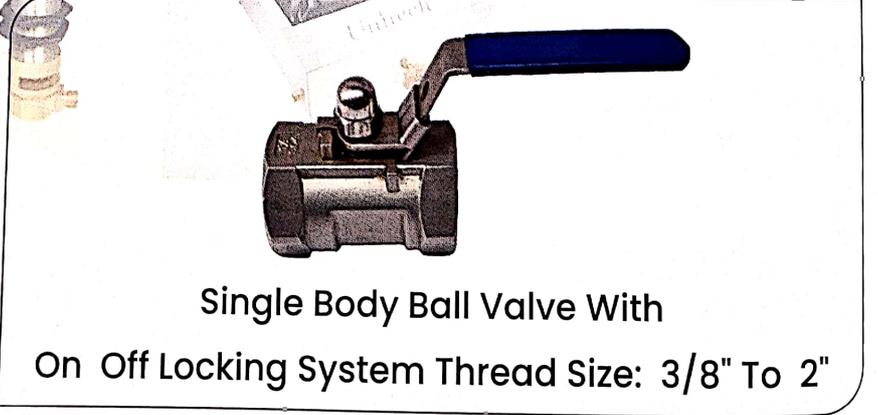
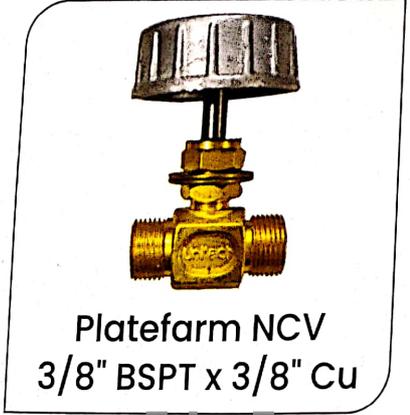
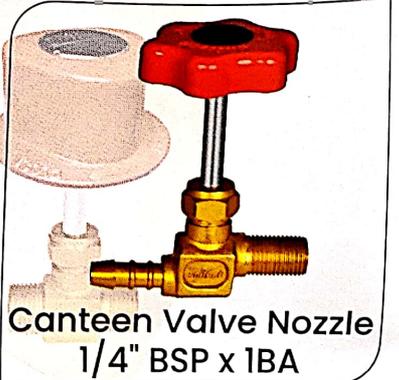
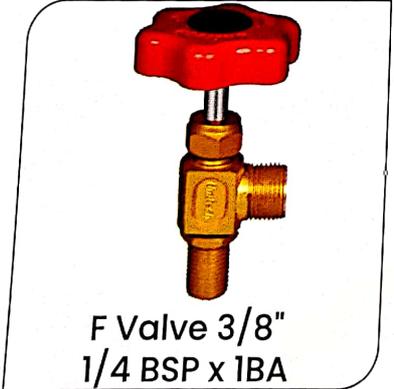
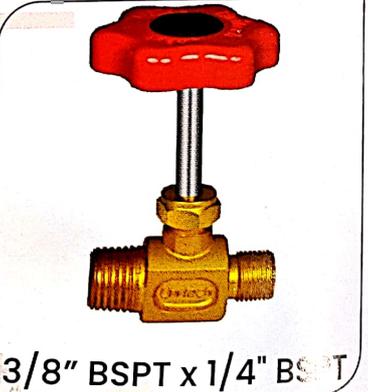
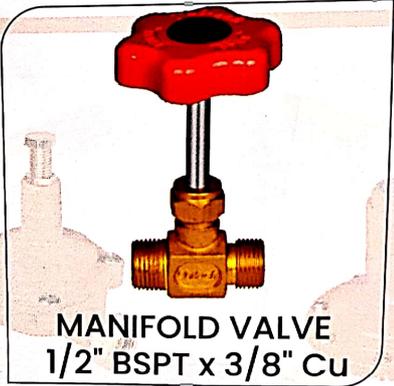
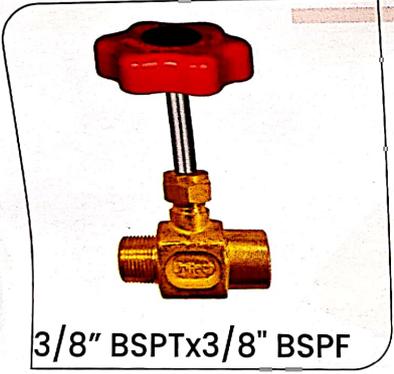
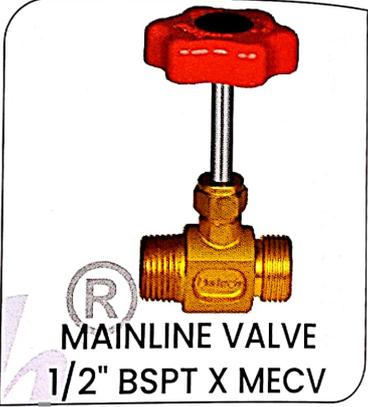
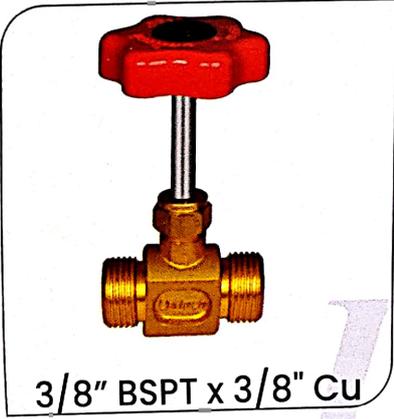
3/8" BSPPF x 3/8" BSPPM



FECV X 3/8" BSPPM

TYPE	INLET CONNECTION	OUTLET CONNECTION	DELIVERY PRESSURE @ 0.5 M3/Hr. FLOW RATE
ADJUSTABLE	SI:21.8 X 1.814 (M) LH OR 3/8" BSPPF	STANDERD NOZZLE OR 3/8" BSPPM	20 -80 gmf/Cm ² (200 - 800 mm WC)
ADJUSTABLE	SI:21.8 X 1.814 (M) LH OR 3/8" BSPPF	STANDERD NOZZLE OR 3/8" BSPPM	20 -80 gmf/Cm ² (200 - 800 mm WC)

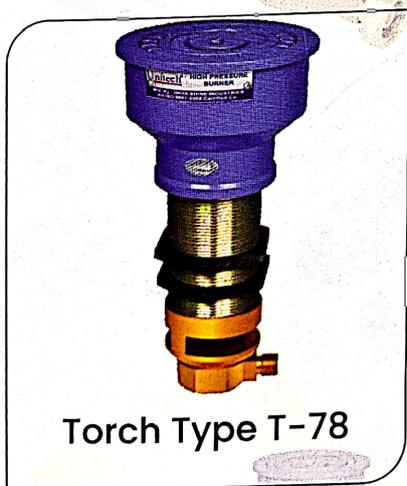
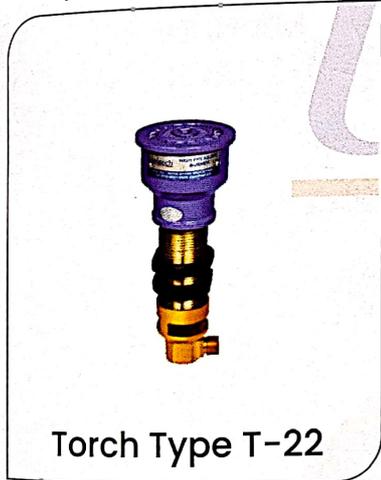
NEEDLE CONTROL VALVE



ALL THE NCV MODELS ARE AVAILABLE IN BLACK KNOBS

TORCH TYPE BURNERS

Unitech's LPG T-Type Burners are ideal for large-scale cooking. It emits a bright blue flame. These burners are designed to be used at a pressure of 320 to 490 gm/cm² (4.5 Psig), although this can be changed by 25%, as can the heat output.



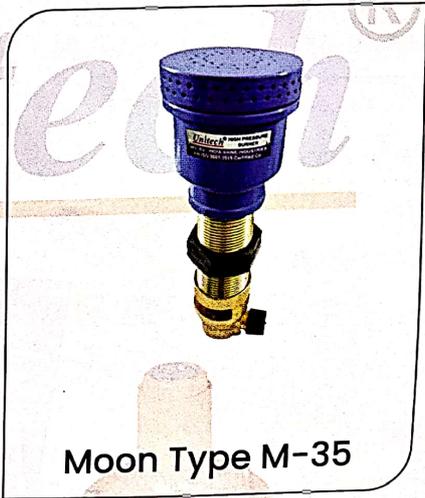
Model	Dimensions		Optimum working Pressure		Gas Consumption		Rated Heat Output	
	Length in mm	Diameter in mm	Kgf/cm ²	Psig	Kgs./hr	lbs/hr	Kcal/hr	btu/hr
T-22	185	63	0.3	5	0.9	2	10100	40000
T-35	200	83	0.3	5	1.58	3.5	17650	70000
T-50	230	96	0.3	5	2.24	5	25200	100000
T-65	235	115	0.3	5	2.24	5	25200	100000
T-78	245	115	0.3	5	3.56	7.8	40350	160000

These burners are recommended to be used at the pressure of 5 Psig.
 Out put Heat may be varied by 15%

LPG / PNG HIGH PRESSURE BURNER

MOON TYPE BURNER

Unitech LPG M-Type Burners are ideal for large-scale cooking. It emits a bright blue flame. These burners are designed to operate at a pressure range of 320 to 490 gm/cm² (4.5 Psig), however, this range can be increased by +25%, as can the heat output.



Model	Dimensions		Optimum working Pressure		Gas Consumption		Rated Heat Output	
	Length in mm	Diameter in mm	Kgf/cm ²	Psig	Kgs./hr	lbs/hr	Kcal/hr	btu/hr
M-22	200	63	0.3	4.5	0.9	2	10100	40000
M-35	200	83	0.3	4.5	1.58	3.5	17650	70000
M-50	250	96	0.3	4.5	2.24	5	25200	100000
M-78	270	115	0.3	4.5	3.56	7.8	40350	160000

These burners are recommended to be used at the pressure of 5 Psig. Out put Heat may be varied by 15%

TORCH MODIFIED BURNERS

Unitech LPG TM (Torch Modified)- Type Burners are appropriate for bulk frying and general heating needs in industrial & commercial applications. It emits a powerful blue flame. These burners are designed to be used at pressures of 320 emits to 490 gm/cm² (4.5 psig), although the pressure may be changed by 25%, as can the heat output.



TM-22
(Design G-7)



TM-35
(Design G-9/ G-1)



TM-50
(Design G-11/ G-2)



TM-78
(Design G-13/ G-3)



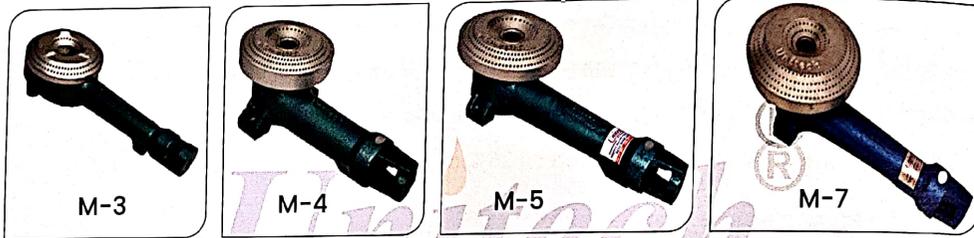
TM-100
(Design G-100)

Model	Dimensions		Optimum working Pressure		Gas Consumption		Rated Heat Output	
	Length in mm	Diameter in mm	Kgf/cm ²	Psig	Kgs./hr	Ibs/hr	Kcal/hr	btu/hr
TM-22	210	83	0.3	4.5	0.9	2	10100	40000
TM-35	215	93	0.3	4.5	1.58	3.5	17650	70000
TM-50	225	113	0.3	4.5	2.24	5	25200	100000
TM-78	235	133	0.3	4.5	3.56	7.8	40350	160000
TM-100	300	180	0.3	4.5	5.25	11.6	58600	232000

It is advised that these burners be operated at a pressure of 5 psi. Heat output may be adjusted by 15%.

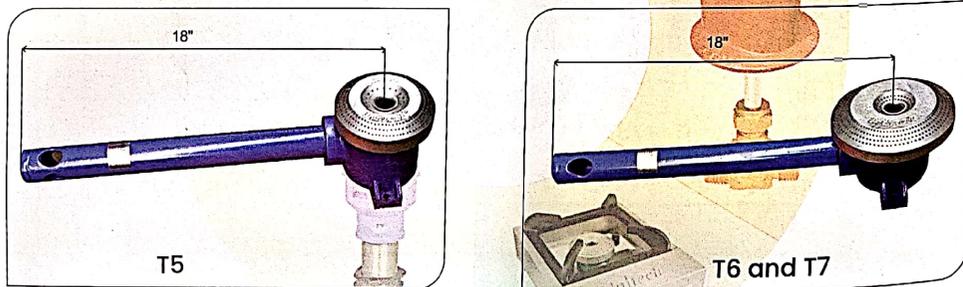
**LPG / PNG
HIGH PRESSURE BURNER**

CANTEEN / TANDOOR BURNER



MODEL	Dimensions		GAS CONSUMPTION gm/Hr.	Optimum working Pressure		RATING K.cal/ Hrs.	SUITABLE WITH SIZES
	Diameter in mm	Length in mm		Kgf/cm ²	Psig		
M-3	100	210	200	0.3	5	2180	10 X 10
M-4	125	240	265	0.3	5	2800	12 X 12
M-5	150	315	1180	0.3	5	12500	15 X 15
M-7	170	315	2300	0.3	5	25000	24 X 24

CAST IRON TANDOOR BURNER WITH LONG PIPE



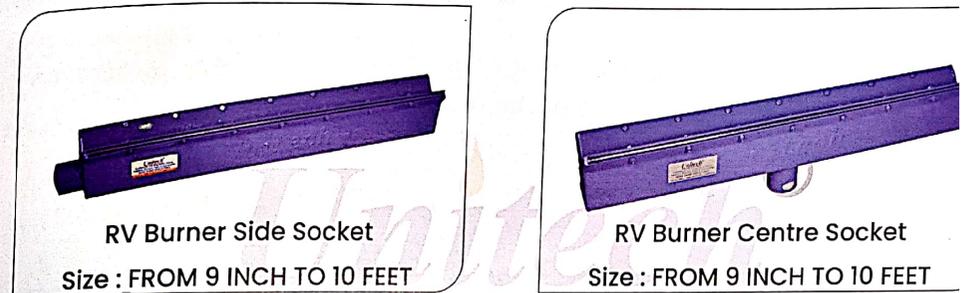
Unitech Jet Body Is Recommended For Best Flame & Heat Output



Delivery Pressure For Chafing Dish Burner 0.035Kgf/cm² Or 0.5Psig Max.

LPG / PNG HIGH PRESSURE BURNER

HIGH PRESSURE RIBBON BURNER ZIG ZAG STRIP & COILED WIRE



Model	Dimensions Length in mm	Optimum working Pressure		Gas Consumption		Rated Heat Output	
		Kgf/cm ²	Psig	Kgs./hr	lbs/hr	Kcal/hr	btu/hr
RV-1	300	0.3	5	1.58	3.5	17650	70000
RV-2	600	0.3	5	1.58	3.5	17650	70000
RV-3	900	0.3	5	1.58	3.5	17650	70000
RV-4	1200	0.3	5	1.58	3.5	17650	70000

For Best Flame output Use Unitech Injector Assembly



INFRARED BURNER

Unitech Infrared Radiant Burners are LPG-powered and may be used for any industrial application requiring radiant heat, such as brooding, curing, drying, food processing, metal fabrication, finishing, textile drying, and weld pre-heating. Infrared heaters Restaurants and the food processing industry frequently use it for rapid cooking, steaks, and other non-vegetarian food preparation.

Delivery Pressure 0.035Kgf/cm² Or 0.5Psig Max.

SHAWARMA BURNER

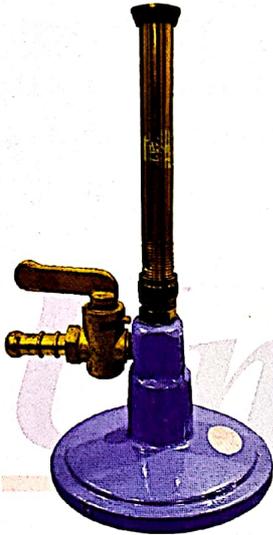
The Unitech Shawarma burner is a heavy-duty burner that uses ceramic tiles as burner media. Zinc ore steel, a rust-free material, is used for the burner house and frame. The surface wire mesh functions as a reverberation screen, obtaining a radiant body and being maintenance-free. The frame and cover screen are easily replaceable. It may produce between 18000 and 25000 Kcal/hr. (depending on gas pressure). Temperatures can reach 850 to 1000°C. Bab Grille is the best product for a shawarma griller.

Delivery Pressure 0.035Kgf/cm² or 0.5Psig Max.

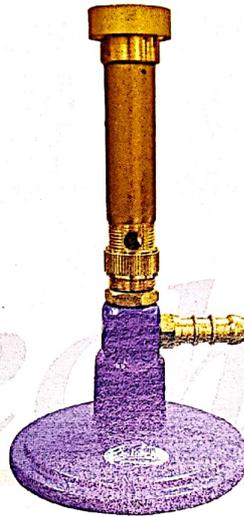




Bunson Burner
Nozzle Type
(No. 1)



Bunson Burner
Tap Type
(No. 1)



Bunson Burner
Nozzle Type
(No. 2)



Bunson Burner
Tap Type
(No. 2)



LPG Lab Tap For Bunson
Burner With Spring



LPG Lab Tap For Bunson
Burner W/o Spring



Lab Tap Extension
1/8"BSPTM x 1/8"BSPPF



Terminal Block
1/2 / 3 / 4 Way



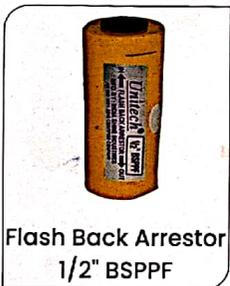
Base Plate Mild Steel



LPG Rubber Pipe

Flash Back Arrestor

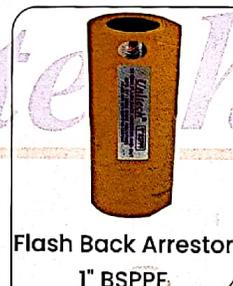
Unitech Flash Back Arresters are specifically designed for use in LPG pipeline safety. They are installed in conjunction with the LPG pipeline. They prevent the flame from spreading upstream and causing damage or explosions. They are intended to allow free passage of gas through them while removing the heat from the flame front, lowering the ignition temperature of the burning gas mixture.



Flash Back Arrestor
1/2" BSPPF



Flash Back Arrestor
3/4" BSPPF



Flash Back Arrestor
1" BSPPF



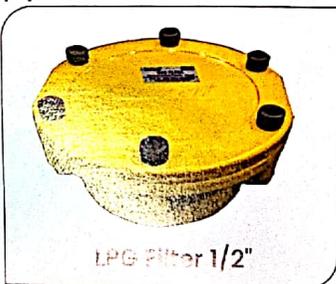
Flash Back Arrestor
2" BSPPF

Mode	Inlet Size	Outlet Size
UFBA-1/2	1/2"BSPPF	1/2"BSPPF
UFBA-3/4	3/4"BSPPF	3/4"BSPPF
UFBA-1	1"BSPPF	1"BSPPF
UFBA-2	2"BSPPF	2"BSPPF

LPG Filter

UNITECH LPG FILTERS remove dust and other particles such as oils, waxes, tar, and so on. Unitech LPG FILTERS are used with both high and low-pressure gas pipelines and are all heavy ends in low and high-pressure service lines. These are utilized to protect the system as well as the other safety equipment on the pipeline. The pressure loss at the end connectors of these Gas Filters is minimal.

We designed the Unitech LPG filter with a specific feature that alerts us if there is a pressure decrease in the line. The element may be viewed, indicating that we need to clean/replace the mesh filters without disconnecting them from the pipeline.



LPG Filter 1/2"



LPG Filter 1"

LIQUID OFF TAKE (LoT)

LoT ADAPTER

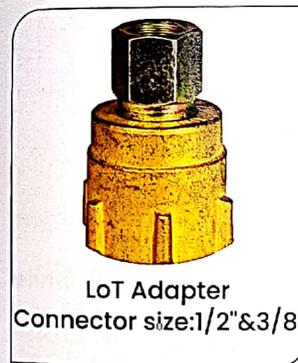
Unitech Liquid off take adapters are to connect L.o.T. cylinders to L.o.T. cylinders to L.o.T. pigtails. They are provided with self closing valves which prevent leakage when they are not fully tightened or disconnected from the L.o.T. cylinders.

LoT NON RETURN VALVE

Unitech Liquid off take Non-Return Valves ensure flow of liquid VLPG in one direction only

LoT PIGTAL

Unitech LoT pigtails are used to connect LoT adapters to the LoT Non-Return Valves. Very strong in construction. Working pressure exceeds IS:9573 type 1/BS EN 1762



LoT Adapter
Connector size: 1/2" & 3/8"



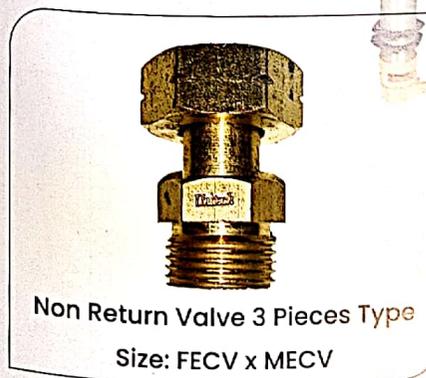
LoT NRV
1/2"BSPT X 1/2"BSM
& 1/2"BSM X 1/2"BSPT



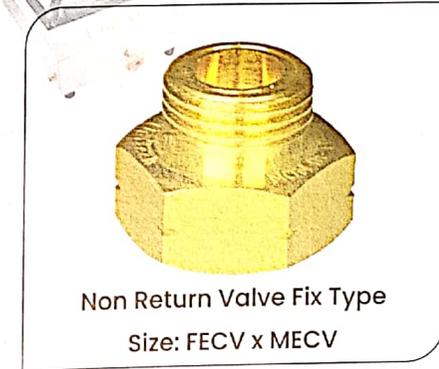
LoT Pigtail
Size: 1 Mtr./As required
Connector Size: 1/2" x 3/8"
Or as required

Non Return Valve

Unitech NRV, fitted between the Cylinder Pigtail and Manifold, does not allow the L.P.G. to flow back from Manifold to burst Pigtail. So, the user has to close only one cylinder with burst pigtail and can continue to use the installation.



Non Return Valve 3 Pieces Type
Size: FECV x MECV

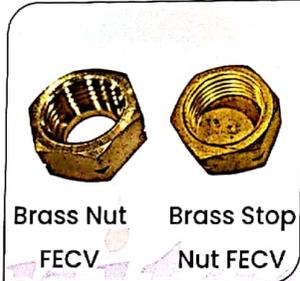


Non Return Valve Fix Type
Size: FECV x MECV

L.P.G OTHER PARTS



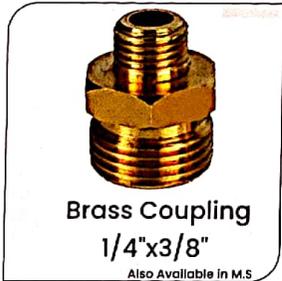
Brass Nut 3/8" BSP
Brass Stop Nut 3/8" BSP
Also Available in M.S



Brass Nut FECV
Brass Stop Nut FECV



Brass & MS Stop Plug 3/8" BSP



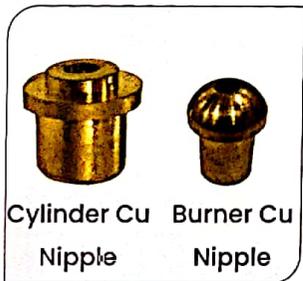
Brass Coupling 1/4"x3/8"
Also Available in M.S



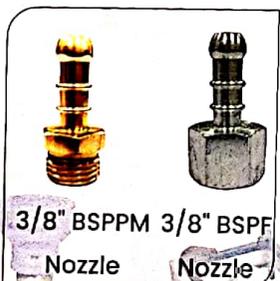
Brass Coupling 1/2"x1/2"
Also Available in M.S



Brass Coupling 3/8"x3/8"
Also Available in M.S



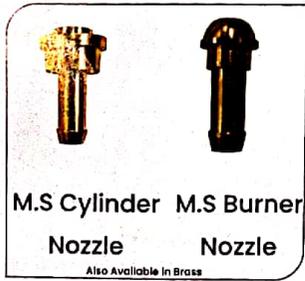
Cylinder Cu Nipple
Burner Cu Nipple



3/8" BSPPM Nozzle
3/8" BSPF Nozzle



M.S Adaptor for FECV NUT/MECV



M.S Cylinder Nozzle
M.S Burner Nozzle
Also Available in Brass



Cyl. Nozzle Hyd.
Bur. Nozzle Hyd.
Also Available in Brass

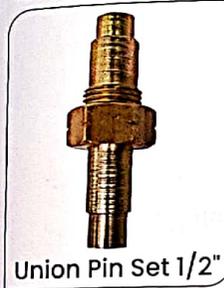


M.S HYD. Cap
M.S Cap

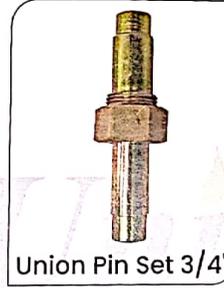
Suraksha Pipe Assy.

L.P.G OTHER PARTS

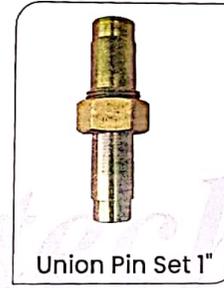
LPG Gas Pipe Line Fittings - 1



Union Pin Set 1/2"



Union Pin Set 3/4"



Union Pin Set 1"



Union Pin Set 1.5"



Union Set 1/2"



Union Set 3/4"



Union Set 1"



Union Set 1.5"



Union Bull Nose Nipple 1/2", 3/4", 1", 1.5"



Union Bull Nose Pins (Gulli) 1/2", 3/4", 1", 1.5"



Union Nuts 1/2", 3/4", 1", 1.5"



Union Coupling 1/2", 3/4", 1", 1.5"



Coupling From 1/4" to 1.5" In Various Combinations



Coupling LH Thread MECV To 1.5" In Various Combinations



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SINCE - 2004

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