

# APPLICATIONS

- Piloting for Balanced zero regulators (BZR).
- Piloting for flow control regulators (FCR).



# DESCRIPTION

TDL impulse lines are necessary to obtain a good flow control. Modulation of pneumatic valves requires optimization of the pilot signal in order to obtain best results.





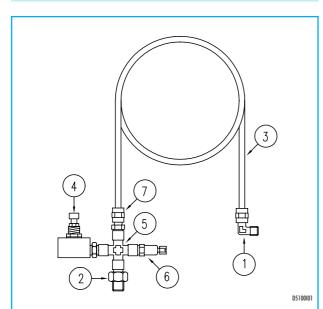
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International Sales

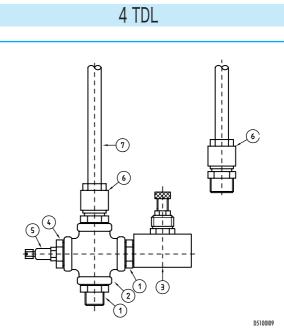
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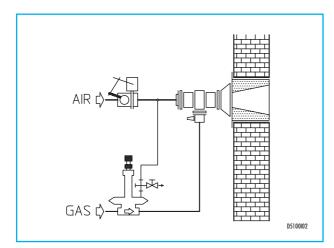
# 2 TDL



Pos.	Model identification	Catalog no.
1	1/8" elbow	10337
2	1/8" nipple	10339
3	Copper pipe	10301
4	RFO 383 throttle orifice	12003
5	1/8" cross	10346
6	1/8" pressure tap	10350
7	1/8" x 6 connector	10345



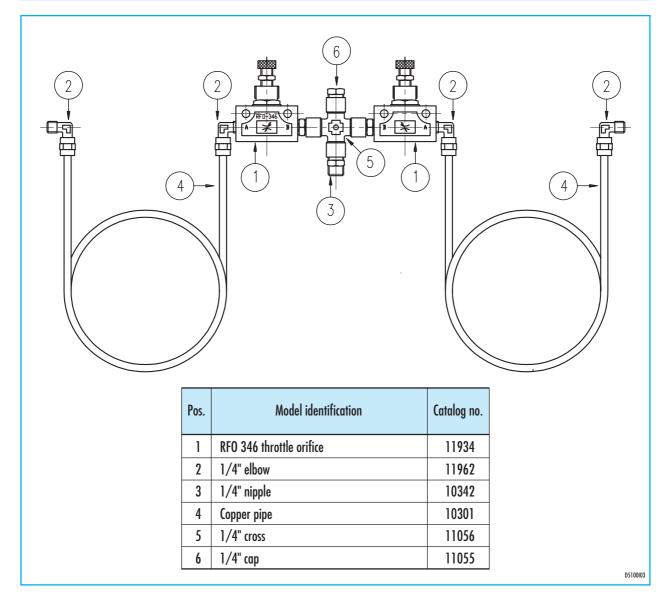
Pos.	Model identification	Catalog no.
1	1/2" x 1/4" nipple	11928
2	1/2" cross	11875
3	RFO 346 throttle orifice	11934
4	1/2" M x 1/8"F reducing socket	11235
5	1/8" pressure tap	11487
6	1/2" x 12 connector	11971
7	Copper pipe	10301

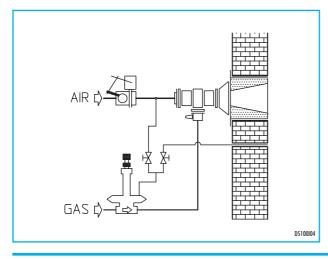


- On ratio firing at all rates. Combustion chamber at atmospheric pressure.



# 2 TDL-R



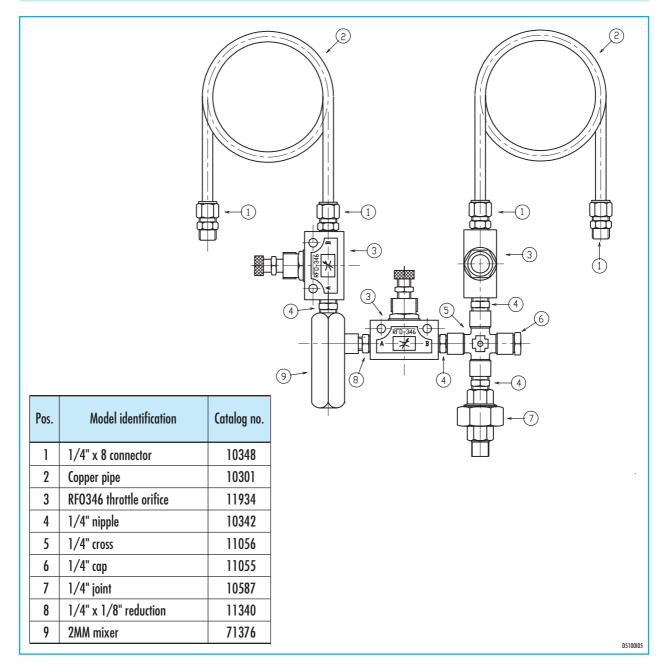


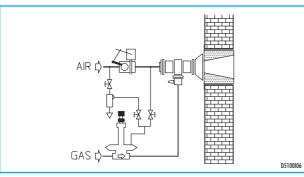
- On ratio firing at all rates.
- High/low pressure combustion chamber.



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# 2 TDL-B

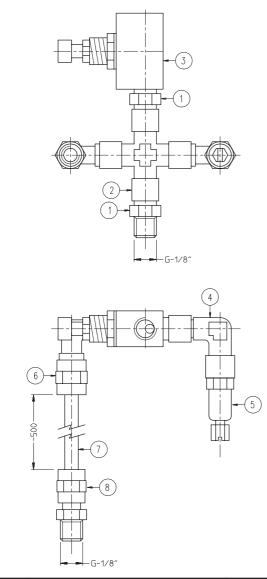




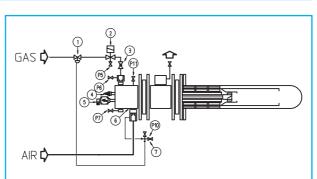
- Excess air in slow running; on ratio firing in the rest of the range.
- Combustion chamber at atmospheric pressure.



# 2 TDL-SER



Pos.	Model identification	Catalog no.
1	1/8" nipple	10339
2	1/8" cross	10346
3	RFO 383 throttle orifice	12003
4	1/8" elbow	12505
5	1/8" pressure plug	11487
6	1/8" x 6 elbow	10337
7	Copper pipe	10301
8	1/8" x 6 connector	10345
		D510010



Pos.	Model identification	Quantity
1	Zero regulator	1
2	Solenoid gas valve	1
3	Flow regulator	1
4	Electrode	1
5	UV-scanner	1
6	Radiant tube burner	1
7	Impulse line	1
		D5100108

- On recuperative SER burners.
- On ratio firing during all range.
- Combustion chamber at atmospheric pressure.

NOTE: Based on the company's policy aimed at a continuous improvement on product quality, ESA-PYRONICS reserves the right to bring changes to the technical characteristics of this device without previous notice. Our catalog updated to the latest version is available on our web site www.esapyronics.com and it is possible to download modified documents



WARNING: When operating, this combustion system can be dangerous and cause harm to persons or damage to equipment. Every burner must be provided with a protection device that monitors the combustion. The installation, adjustment and maintenance operations should only be performed by trained and qualified personnel.