



INERT GAS SAVERS

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- > Reduces gas consumption
- > Restricts gas surge upon arc starts, screen also prevents blockage
- > Can be installed on the inlet or outlet side of the gas solenoid*
- > Flow jets can be changed depending on application

GAS SAVERS - INCLUDE SCREENS & JETS 1, 2 or 3
(JETS INDICATED NUMERICALLY IN PART NUMBER)

PART NO.	THREADS	JET LOCATION
GFJ-1, 2 or 3	1/4"-18 Male NPT x 5/8"-18 Female	Female End
GFJ-1A, 2A or 3A	5/8"-18 Male x 5/8"-18 Female	Male End
GFJ-1B, 2B or 3B	5/8"-18 Male x 5/8"-18 Female	Female End
GFJ-1D, 2D or 3D	1/4"-18 Male NPT x 1/4"-18 Female NPT	Male End
GFJ-F1, F2 or F3	1/4"-19 Male BSPP x 1/4"-19 Female BSPP	Female End

GAS SAVER FLOW JETS

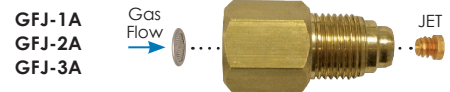
PART NO.	JET	30 PSI	35 PSI	40 PSI	45 PSI	50 PSI	55 PSI
GFJ-1*	1	10 CFH	11 CFH	12 CFH	13 CFH	14 CFH	15 CFH
GFJ-2*	2	29 CFH	33 CFH	36 CFH	39 CFH	42 CFH	45 CFH
GFJ-3*	3	51 CFH	55 CFH	61 CFH	66 CFH	71 CFH	76 CFH

Jet #1 - TIG • Jet #2 - MIG, Light Wire • Jet #3 - MIG, Heavy Wire

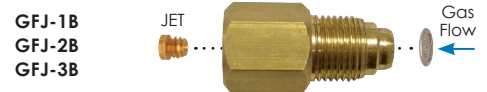
Gas Saver for Standard Outlet



Gas Saver for Inlet Side of Solenoid



Gas Saver for Outlet Side of Solenoid



Gas Saver for Inlet Side of Solenoid



Gas Saver with BSPP Threads (Fronius® style)



THE BALLOON TEST

Gas consumption comparison after 5 seconds of arc-on time (gas saver on right). The balloon with the gas saver is filled with less than half the gas versus the balloon without.

