



ISO Registered Company



1/4" Air Filter Regulator

MODEL 5300P AIR FILTER REGULATOR

The Model 5300P is a 316 SST self-contained pressure reducing air regulator designed for gaseous service including sour gas and other corrosive gases. The unit is capable of controlling outlet pressure between 0-150 psig (.0-10.0 Barg) with a maximum inlet pressure of 290 psig (20 Barg).

SPECIFICATIONS

Body Size:	1/4" NPT
Flow capacity:	22 SCFM at 100 psi supply and 20 psi output
Exhaust capacity:	1.0 SCFM at downstream pressure of 10 psi above setpoint
Max Supply Pressure:	290 psig
Operating Temp.:	-20° F to 180° F
Inlet/Outlet/Gauge Porting:	1/4" NPT
Exhaust Porting:	1/8" NPT
316 SST Parts:	Body, Bonnet, Filter, Adjusting Spring
Viton Parts:	Diaphragm, Seals
Inconel Parts:	Valve spring

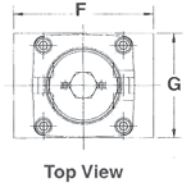
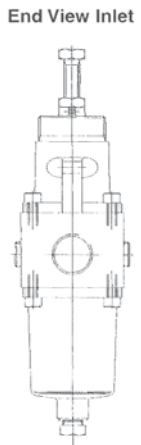
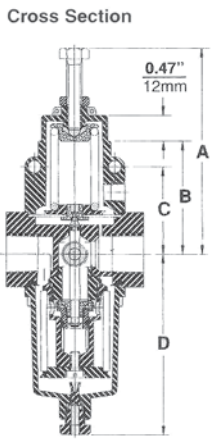
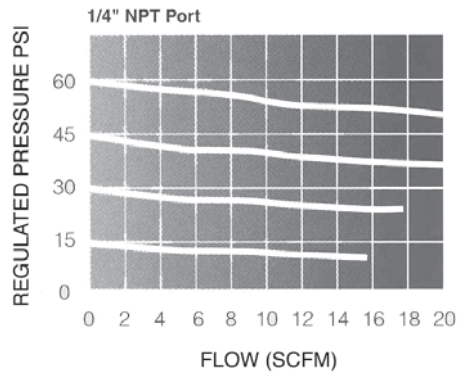
APPLICATIONS

The all SST construction allows the 5300P to be used in petrochemical processing, food, pulp and paper, pharmaceutical, wastewater treatment, research projects and offshore platform applications.

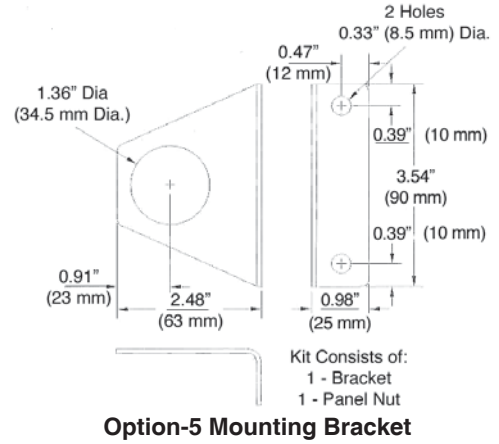
The 5300P is NACE compatible and features a tapped exhaust port for remote venting.

PERFORMANCE CHARACTERISTICS

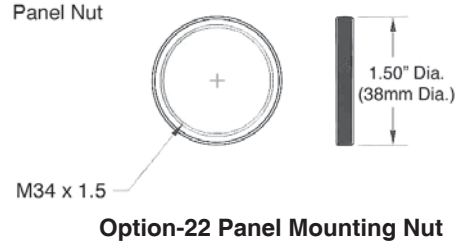
Regulated Pressure vs. Flow (typical)
3-100 psig Range, 105 psi supply



A 2.00" (50mm) minimum clearance is required to remove bowl and element.



Accessories



DIMENSIONS AND WEIGHTS

ENGLISH UNITS (Inches)							Appx. Ship Weight
1/4" Body Size	A	B	C	D	F	G	
Standard	3.86	2.05	1.54	3.43	2.05	2.05	4.0 lbs.
-22 (Panel Mounting)	3.86	2.05	1.54	3.43	2.05	2.05	—
-5 (Mtg. Bracket)	3.86	2.05	1.54	3.43	2.05	2.05	—

NOTES

TABLE 4 - RANGE SPRING		
psig	Barg	CODE
0-30	0-2.0	1
0-60	0-4.0	2
0-100	0-7.0	3
0-150	0-10.0	4



Model 5300P Airset

ASSIGNMENT OF "OPTION" CODES

1. When ordering a valve per one of Cashco's special drawings, the code "X" and the 5-digit number following override all other options. Otherwise, proceed with the following.
2. NUMERIC digits assigned first in "ascending" order.
3. ALPHA designations are assigned second (excluding the "X") in "alphabetical" order.
4. Left justify.
5. Add "0" to all unused squares.
6. If insufficient quantity of squares, consult factory for proper code.

TABLE 5 - OPTIONS		
Description	Option	CODE
None	-	0
Mounting Bracket	-5	5
Panel Mounting	-22	C