

NOTES:

1.

THIS DRAWING DESCRIBES THE FUELAB 575xx SERIES MINI FUEL PRESSURE REGULATOR.
2.

FEATURES INCLUDE:
 - ONE -6AN INLET PORT (ON BOTTOM OF REGULATOR)
 - TWO -6AN OUTLET PORTS (ON EITHER SIDE OF REGULATOR)
 - AVAILABLE IN PRESSURE RANGES: "L", "C" AND "T"
 - BILLET ALUMINUM, STAINLESS STEEL CONSTRUCTION WITH FLUOROSILICONE DIAPHRAGM AND SEALS. PLUG AND FITTING ARE MADE OF UNPLATED BRASS OR BRONZE.
3.

FUEL COMPATIBILITY INCLUDES:
 - GASOLINE (PUMP OR RACE)
 - METHANOL
 - ETHANOL (INCLUDING E85)
 - DIESEL
4.

UNIQUE SERIAL NUMBER DOES NOT CONTAIN DIRECT INFORMATION IN DETERMINING MODEL NUMBER. CONTACT FUELAB FOR DETERMINATION OF MODEL NUMBER BASED ON SERIAL NUMBER.
5.

BRACKET, PRESSURE ADJUSTMENT HARDWARE, BRACKET MOUNTING HARDWARE, GAUGE PORT PLUG, BARBED FITTING, 3X -906 PORT O-RINGS AND INSTRUCTIONS INCLUDED, BAGGED SEPARATELY FROM REGULATOR.
6.

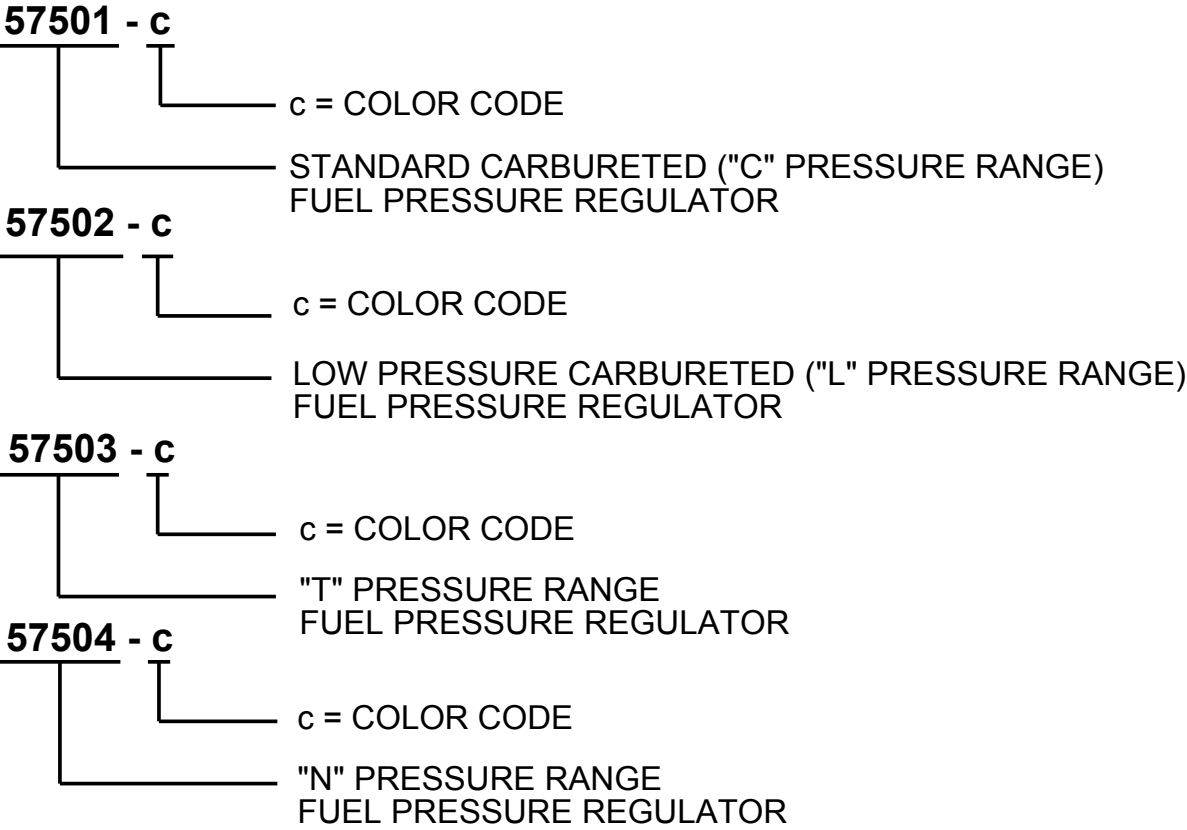
REFERENCE DRAWING 1050207A1 FOR ASSEMBLY INSTRUCTIONS.
7.

SEE TABLES BELOW FOR DETERMINATION OF DESIRED MODEL NUMBER.
8.

RATED FLOW CAPACITY IS A FUNCTION OF PRESSURE SETTING AS WELL AS RETURN LINE SIZE AND CONFIGURATION, THEREFORE FLOW CAPACITY MAY BE HIGHER OR LOWER, BUT REPRESENTS TYPICAL CAPACITY. REGULATION SLOPE REFERS TO CHANGES IN FUEL PRESSURE AS A FUNCTION OF CHANGES IN FLOW RATE. AS THE AMOUNT OF FUEL RUNNING THROUGH THE REGULATOR REDUCES, THE REGULATED PRESSURE WILL LOWER, SPECIFIED BY THE REGULATION SLOPE.
9.

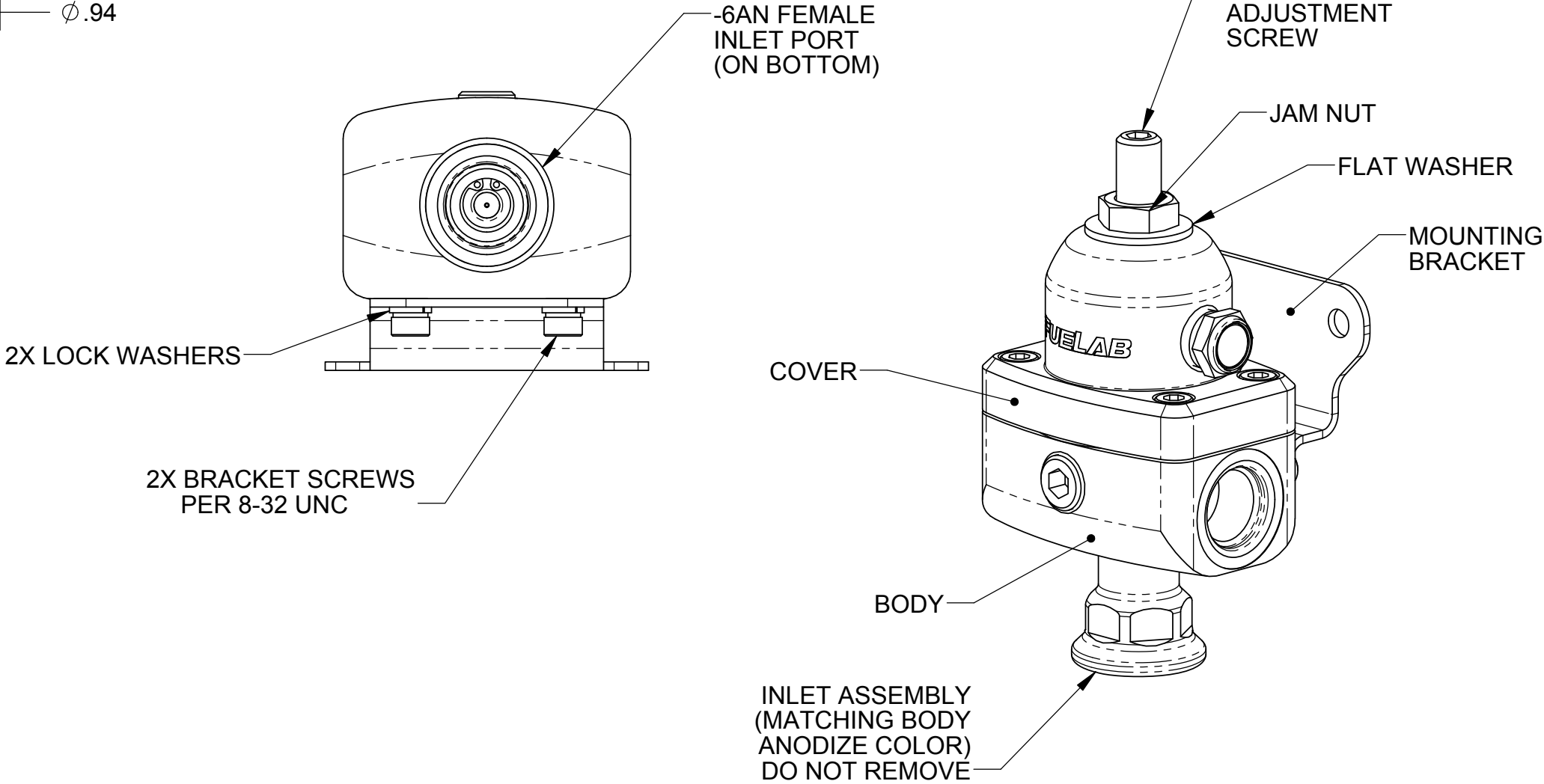
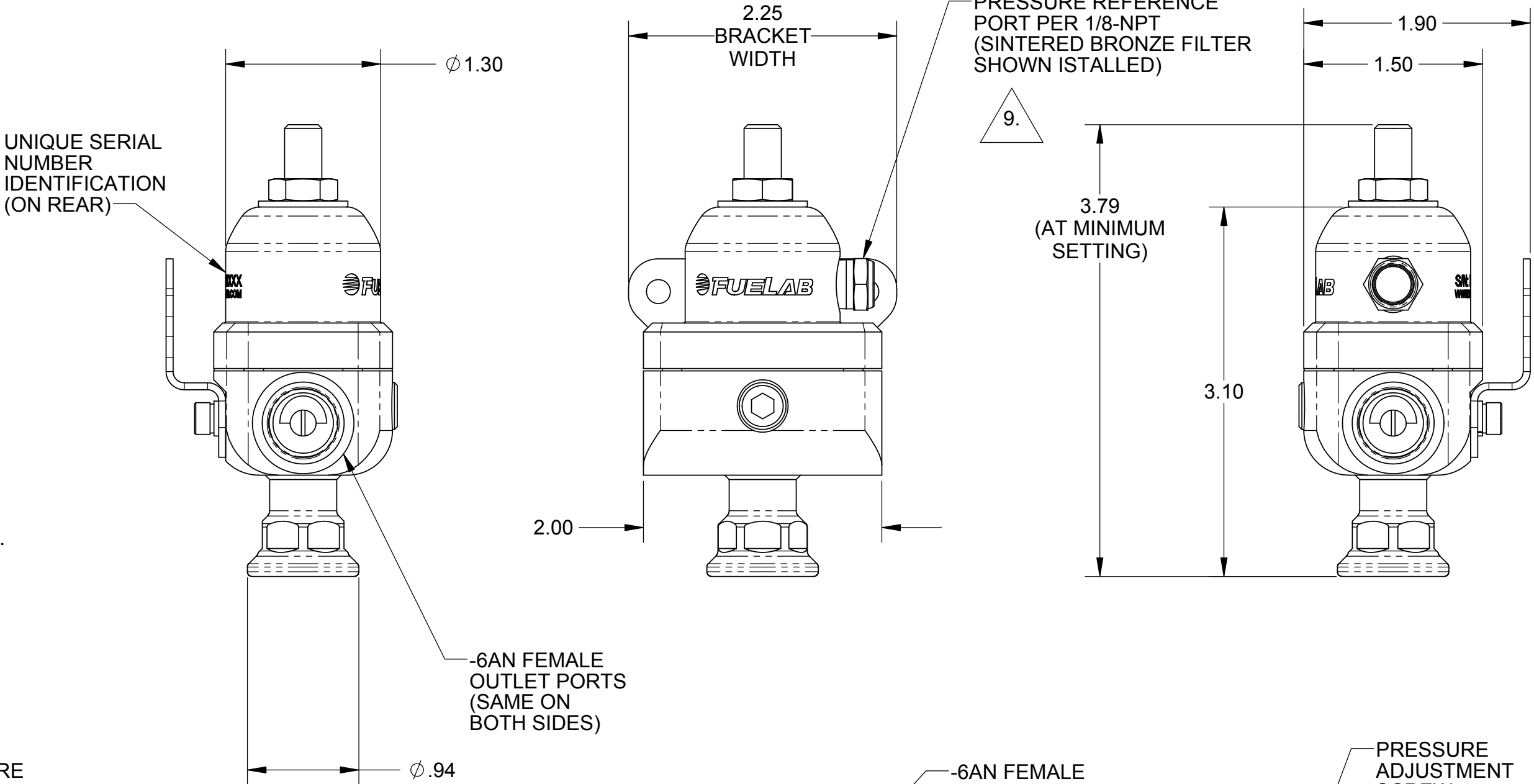
FOR TYPICAL NATURALLY ASPIRATED CARBURETED APPLICATIONS, PRESSURE REFERENCE PORT IS VENTED TO ATMOSPHERE USING SUPPLIED SINTERED BRONZE FILTER. ALTERNATE PLUMBING METHODS CAN BE EMPLOYED. CHANGES IN AIR PRESSURE AT THIS PORT WILL RESULT IN A CHANGE IN FUEL PRESSURE AT A RATIO OF 1:1.

MODEL NUMBER SCHEME:



PERFORMANCE SPECIFICATIONS

MODEL	APPROX. PRESSURE RANGE	APPROX. FLOW CAPACITY	REGULATION SLOPE
57501-c	4-12 PSID (0.28 - 0.82 BAR)	1.33 GPM (300 LPH)	0.8 PSI/GPM
57502-c	1-3 PSID (0.1 - 0.22 BAR)	0.83 GPM (190 LPH)	0.8 PSI/GPM
57503-c	10-25 PSID (0.7 - 1.7 BAR)	1.67 GPH (380 LPH)	1.1 PSI/GPM
57504-c	25-65 PSID (1.7 - 4.5 BAR)	1.67 GPM (380 LPH)	5.0 PSI/GPM



COLOR CODE, c

c	COVER COLOR	BODY COLOR
1	BLACK	BLACK
2	RED	CLEAR
3	BLUE	CLEAR
4	PURPLE	CLEAR
5	GOLD	BLACK
6	GREEN	CLEAR

ISOMETRIC VIEW
(ALL VIEWS SHOWN WITH HARDWARE INSTALLED)

UNLESS OTHERWISE SPECIFIED:
INTERPRET DWG PER ANSI Y14.5
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL: ±1/64"
ANGULAR: ± 1/2°
DECIMALS:
X ± 1 XX ± 03 XXX ± 010
SURFACE FINISH
BREAK ALL SHARP EDGES .010 MAX
REMOVE ALL BURRS
THIRD ANGLE
PROJECTION
DO NOT SCALE DRAWING

Litchfield, Illinois

TITLE:
**REGULATOR,
575xx SERIES**

SIZE
C

DWG. NO.
105020700

REV

SCALE: 1/1

WEIGHT: .50LB

SHEET: 1 OF 1