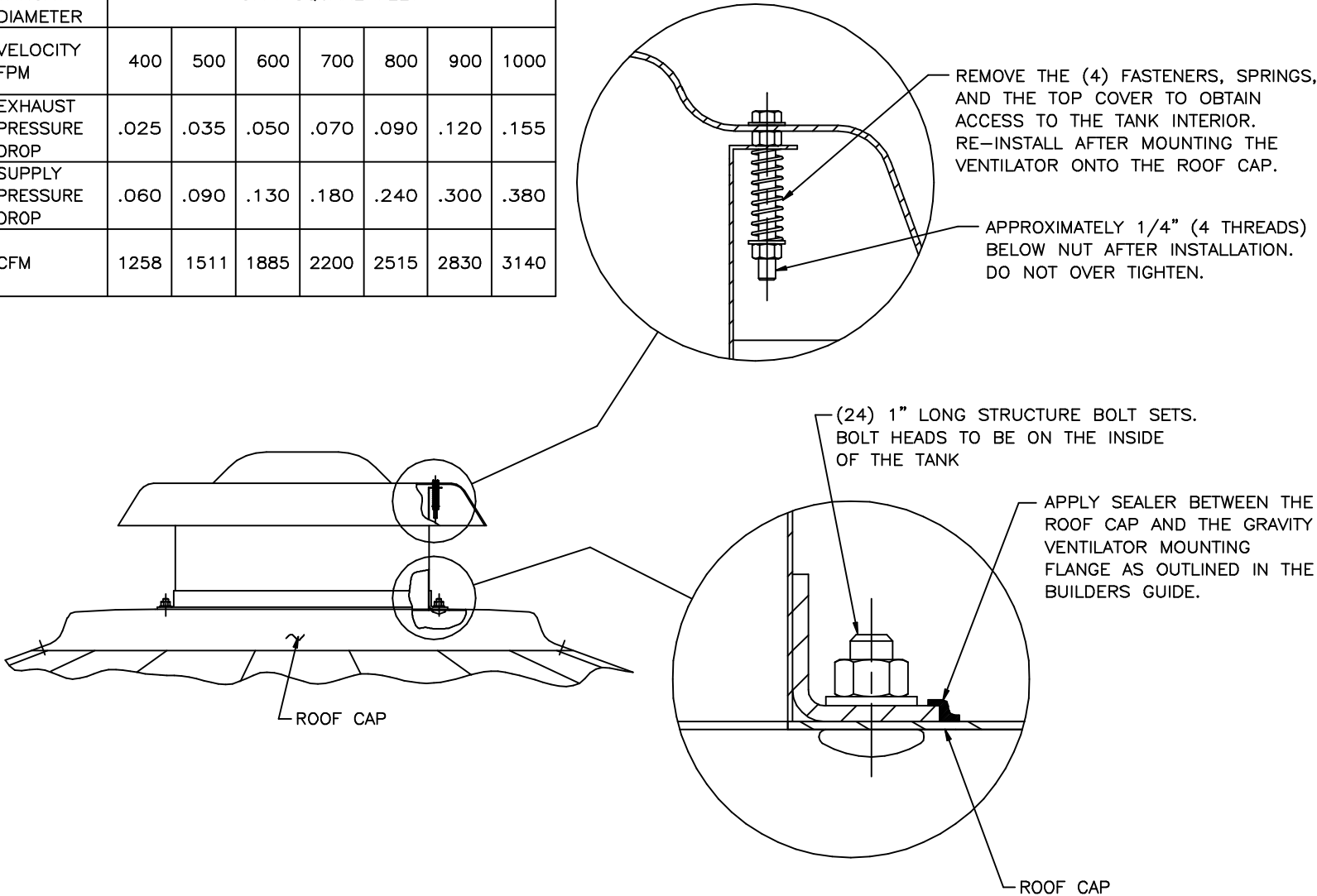


VENT CAPACITY CHART

VENT THROAT DIAMETER	3.14 SQUARE FEET						
VELOCITY FPM	400	500	600	700	800	900	1000
EXHAUST PRESSURE DROP	.025	.035	.050	.070	.090	.120	.155
SUPPLY PRESSURE DROP	.060	.090	.130	.180	.240	.300	.380
CFM	1258	1511	1885	2200	2515	2830	3140



GRAVITY VENTILATOR GENERAL CONSTRUCTION
 HOUSING COVER AND SUPPORT MEMBERS - ALUMINUM
 INSECT SCREEN - 23 TO 25 MESH .0135"/.0145" DIA. POLYESTER MONOFILAMENT WIRE
 BIRD SCREEN - .063 THICK ALUMINUM, .5 X .75 EXPANDED MESH

REL	DESCRIPTION	ECN DR. BY
1	RELEASED FOR PRODUCTION	90034 RKK
2	REVISED COPYRIGHT STATEMENT	91149 DMN
3	ADDED TOP COVER FASTENING DETAIL	99070 TAK

A.O. SMITH
ENGINEERED STORAGE PRODUCTS COMPANY
 DEKALB, ILLINOIS 60115

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DRAWN BY DMN
 DATE 08/13/91

CONSTRUCTION DETAIL
 GRAVITY VENTILATOR
 INSTALLATION ONTO
 ROOF CAP
 20° SLOPED ROOF
 14' THRU 31' DIA.

DRWG NO. 261307