

METER CAPACITIES (CFH) REGULATOR UPSTREAM OF METER

METER INLET PRESSURE = 7" W. C.*		
METER SIZE	METER CAPACITY- CUBIC FEET PER HOUR (CFH)	COMPATIBLE UNIT #
250	0-380	GMI 01-15 G
425	380-620	GMI 17 G
630	620-1180	GMI 19 G
1000	1180-1480	GMI 25 G
3M	1480-3000	GMI 29 G
5M	3000-5000	GMI 33 G
7M	5000-7000	GMI 33 G

* UTILITY DESIGNERS SHOULD USE THE ABOVE CHART TO SELECT AN APPROPRIATE METER. THESE CAPACITIES ARE BASED UPON A METER INLET PRESSURE OF 7" W. C. (1/4 PSIG).

METER INLET PRESSURE = 1, 3, OR 5 PSIG**				
METER SIZE	METER CAPACITY- CUBIC FEET PER HOUR (CFH)			COMPATIBLE UNIT #
	1 PSIG	3 PSIG	5 PSIG	
3M	3100	3500	4000	GMI 29 G
5M	5200	5900	6600	GMI 33 G
7M	7300	8300	9200	GMI 33 G

** GAS DESIGN ENGINEERS AND/OR SERVICE CENTER SUPERVISORY PERSONNEL SHOULD USE THE ABOVE CHART TO SELECT AN APPROPRIATE METER WHEN POUNDS PRESSURE HAVE BEEN REQUESTED AND APPROVED.



ENGINEERING & CONSTRUCTION STANDARD

**SECTION 6 GAS METERING GUIDELINES
GAS METER CAPACITY TABLE**

SHEET 7 OF 21

DRAWING NUMBER

GM0030G

DRAWN	DESIGN	SUPR	DATE	REV
GD	KS	HB	5/98	7/06

METER CAPACITIES (MCFH)

REGULATOR DOWNSTREAM OF METER

METER INLET PRESSURE (PSIG)	METER SIZE								
		7M	11M	16M	23M	38M	4GT	6GT	8GT
5		9.2	14.5	21.1	30.3	50.0	24.0	46.0	79.0
10		11.6	18.2	26.5	38.1	62.9	30.0	58.0	100.0
15		14.0	22.0	31.9	45.9	75.8	36.0	70.0	120.0
20		16.3	25.7	37.4	53.7	88.7	42.0	82.0	141.0
25		18.7	29.4	42.8	61.5	101.7	48.0	94.0	161.0
30		21.1	33.2	48.2	69.3	114.5	55.0	106.0	182.0
35		23.5	36.9	53.7	77.1	127.5	61.0	118.0	202.0
40		25.9	40.6	59.1	84.9	140.3	67.0	130.0	223.0
45		28.2	44.4	64.5	92.7	153.2	73.0	142.0	243.0
50		30.6	48.1	70.0	100.6	166.1	79.0	154.0	264.0
55		33.0	51.8	75.4	108.4	179.0	86.0	166.0	284.0
60		35.4	55.6	80.8	116.2	191.9	92.0	178.0	305.0
65		37.7	59.3	86.2	124.0	204.8	98.0	190.0	325.0
70		40.1	63.0	91.7	131.8	217.7	104.0	202.0	346.0
COMPATIBLE UNIT NUMBER		GMI 39	GMI 41	GMI 41	GMI 45	GMI 45	GMI 43	GMI 47	GMI 49

METER SELECTION FOR PRESSURE REGULATION DOWNSTREAM OF THE METER SHALL BE PERFORMED BY A GAS DESIGN ENGINEER, SERVICE CENTER SUPERVISORY PERSONNEL, OR THE GAS METER SHOP.

TURBINE METERS (4GT, 6GT, & 8GT) ARE DESIGNED FOR CUSTOMERS REQUIRING A CONSTANT HEAVY LOAD. CONSULT GAS METER SHOP.

MCFH = THOUSANDS OF CUBIC FEET PER HOUR

PSIG = POUNDS PER SQUARE INCH GAUGE



ENGINEERING & CONSTRUCTION STANDARD

SECTION 6 GAS METERING GUIDELINES
GAS METER CAPACITY TABLE

SHEET 8 OF 21

DRAWING NUMBER

GM0030G

DRAWN	DESIGN	SUPR	DATE	REV
GD	KS	HB	5/98	7/06