

Estimated Natural Gas Consumption - 30,000 ft² Office Space

Temperature Sensitive Load Profile

Rule of thumb relating to estimated annual consumption for space heating is based on 1 m³ (Nat Gas) per ft² of building space. Therefore example: 30,000 ft² of building represents approximately 30,000 m³ (Nat Gas)

Insert Annual Volume in highlighted area

30,000 ft ² Office Space		
Month	% Consumption	Monthly Consumption
Aug	0	0
Sep	0	0
Oct	8	2,400
Nov	11	3,300
Dec	16	4,800
Jan	19	5,700
Feb	18	5,400
Mar	14	4,200
Apr	9	2,700
May	5	1,500
Jun	0	0
Jul	0	0
	100	30,000 Approx. m ³ (Nat Gas) annually

This table demonstrates approximate monthly natural gas consumption.

Estimated Natural Gas Consumption - 200,000 ft² Warehouse Space

Temperature Sensitive Load Profile

Rule of thumb relating to estimated annual consumption for space heating is based on 1 m³ (Nat Gas) per ft² of building space. Therefore example: 200,000 ft² of building represents approximately 200,000 m³ (Nat Gas)

Insert Annual Volume in highlighted area

200,000 ft² Warehouse

Month	% Consumption	Monthly Consumption
Aug	0	0
Sep	0	0
Oct	8	16,000
Nov	11	22,000
Dec	16	32,000
Jan	19	38,000
Feb	18	36,000
Mar	14	28,000
Apr	9	18,000
May	5	10,000
Jun	0	0
Jul	0	0
	100	200,000 Approx. m ³ (Nat Gas) annually

This table demonstrates approximate monthly natural gas consumption.

Estimated Natural Gas Consumption - 75,000 ft² Manufacturing Space

Note:

With industrial manufacturing facilities there are too many variables which directly impact the ability to accurately quantify the natural gas consumption. More details with regard to production and ventilation are required in order to complete an analysis.

Some of the details include:

- Process equipment utilizing natural gas
- Ventilation requirements in CFM
- Production hours

Example of variance:

50,000 CFM of make-up air operating: 24 hr/day, 7 days/wk = 304,000 m³ (N.G.) annually
 16 hr/day, 5 days/wk = 145,000 m³ (N.G.) annually

If the information identified above were available a relatively accurate estimate could be completed.

Temperature Sensitive Load Profile

Rule of thumb relating to estimated annual consumption for space heating is based on 1 m³ (Nat Gas) per ft² of building space. Therefore example: 75,00 ft² of building represents approximately 75,000 m³ (Nat Gas)

Insert Annual Volume in highlighted area

75,000 ft² Office Space

Month	% Consumption	Monthly Consumption
Aug	0	0
Sep	0	0
Oct	8	6,000
Nov	11	8,250
Dec	16	12,000
Jan	19	14,250
Feb	18	13,500
Mar	14	10,500
Apr	9	6,750
May	5	3,750
Jun	0	0
Jul	0	0
	100	75,000 Approx. m ³ (Nat Gas) annually

This table demonstrates approximate monthly natural gas consumption.