

### Yukon Char Spec Sheet

Set Size	Model #	Certified Models	BTU Input Rating	Weight (lbs)	# of logs in Set
24"	ETYC24N2C	ANSI	35,000	62	7
24"	ETYC24P2C	ANSI	31,000	62	7

#### MINIMUM FIREBOX SIZES

Log Set Size	Height	Front Width	Depth
24	16"	32"	12"

This heater shall not be installed in a confined space or unusually tight construction unless provisions are provided for adequate combustion and ventilation air.

The following formula can be used to determine the maximum BTU rating per the definition of unconfined space:

**STEP ONE: DETERMINE THE VOLUME OF SPACE IN CUBIC FEET.**

LENGTH X WIDTH X HEIGHT = \_\_\_\_\_ cu. Ft.  
(Include adjoining rooms with doorless passageways or ventilation grills between rooms.)

Example: 24' (L) X 16' (W) X 8' (H) = 3,072. cu. Ft.

**STEP TWO: MULTIPLY THE VOLUME OF SPACE BY 20 BTU/Hr. TO DETERMINE THE MAXIMUM BTU/Hr. THE SPACE CAN SUPPORT.**

Example: 3,072 cu. Ft. X 20 BTU/Hr. = 61,440 BTU/Hr.  
(Maximum BTU/Hr. the room can support)

**STEP THREE: ADD THE BTU/Hr. OF ALL THE FUEL BURNING APPLIANCES IN THE SPACE.**

VENT FREE HEATER \_\_\_\_\_ BTU/Hr.

GAS APPLIANCE #1 \_\_\_\_\_ BTU/Hr.

GAS APPLIANCE #2 \_\_\_\_\_ BTU/Hr.

Example: VENT FREE HEATER 26,000 BTU/Hr.  
GAS APPLIANCE #1 35,000 BTU/Hr.  
TOTAL 61,000 BTU/Hr.

**NOTE: DO NOT INCLUDE DIRECT-VENT GAS APPLIANCES. DIRECT VENT IS SEALED COMBUSTION AND DRAWS COMBUSTION AIR FROM THE OUTDOORS.**

THE SPACE IN THE ABOVE EXAMPLE IS AN UNCONFINED SPACE BECAUSE THE 61,000 BTU'S AN HOUR USAGE IS LESS THAN THE 61,440 BTU'S AN HOUR AVAILABLE. IF THE TOTAL BTU'S AN HOUR USAGE IS GREATER THAN 61,440 BTU'S AN HOUR THEN THE SPACE WOULD BE A CONFINED SPACE AND ADDITIONAL AIR MUST BE PROVIDED.