

## SIMPLIFIED METHOD OF CHOOSING HEATER POWER ACCORDING TO FLOOR AREA OR CUBIC CAPACITY OF

### A. for very well-insulated buildings (min. 10cm thick Styrofoam, quality doors and windows)

### NOTES:

residential rooms	bathroom	utility rooms (garage, basement)
m2 x 85 W	m2 x 106 W	m2 x 50 W
m3 x 31 W	m3 x 39 W	m3 x 19 W

These values are applicable to residential rooms with a temperature of 21 deg. C, 25% was added for bathrooms

For heated technical rooms: garage, basement, hall, etc.

About 40% was deducted to reach a temp. of 15 deg. C

Parameters of heater acceptance depending on the supply source (temperatures in deg. C/return/room)

for a condensing boiler 55/45/20

for a gas boiler 70/55/20

for a coal boiler 75/65/20

### B. for well-insulated buildings (min. 6 cm thick Styrofoam, quality doors and windows)

residential rooms	bathroom	utility rooms (garage, basement)
m2 x 120 W	m2 x 150 W	m2 x 72 W
m3 x 43 W	m3 x 54 W	m3 x 26 W

### C. for buildings with poor or medium insulation

residential rooms	bathroo	utility rooms (garage, basement)
m2 x 160 W	m2 x 200 W	M2 x 96 W
m3 x 55 W	m3 x 69 W	M3 x 33 W