

## Boiler sizing

ORLAN boilers may be used for heating any kind of building. They are mostly used in one-family houses, drying houses, workshops, halls, or greenhouses.

However, boiler placement is not limited to these applications; the above are just examples of where ORLAN boilers have worked with success.

Selecting a boiler that adequately fits ones output is very important. An improperly chosen boiler may subject the end-user to unnecessary expenses during boiler usage.

Boiler output should be based on a building's heat demand, calculated by a qualified central heating designer. To select the appropriate boiler, the a/m calculated value should be increased by 20%. If this calculation isn't performed, boiler sizing may be chosen using the heat factor in relation to  $m^3$  of building cubature. Heat factor values should be determined as 30-50  $W/m^3$  depending on heat insulation.



Orlan 18



Orlan 25



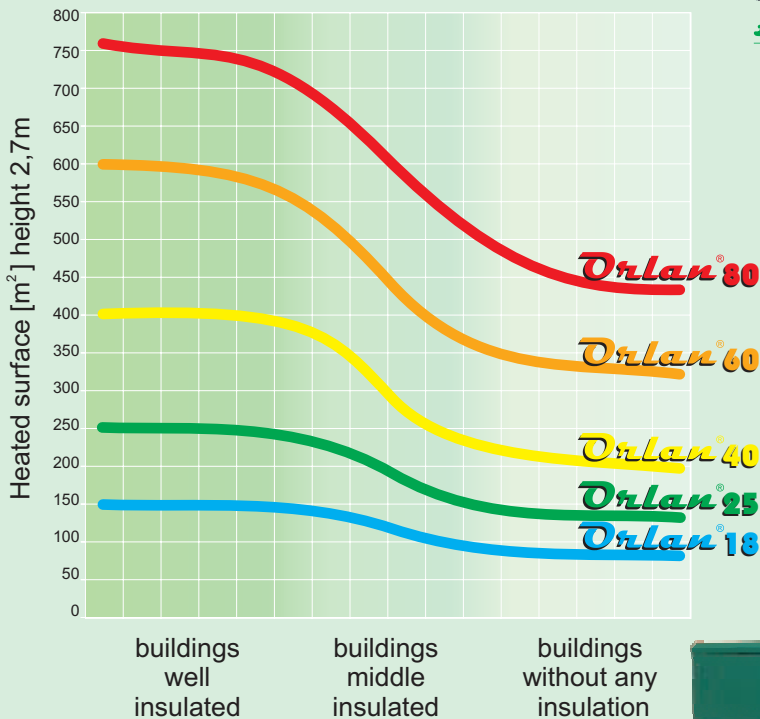
Orlan 40



Orlan 60



Orlan 80



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