

The diagram illustrates the layout of the Salle Polyvalente, a large room with a total area of  $S = 174 \text{ m}^2$ . The room is divided into several sections, each with specific dimensions and sensor locations:

- Top Section:** A rectangular area with a width of 7.61 m and a height of 14.55 m. It contains four sensors labeled SP5, SP6, SP4, and SP7. A Repeteur Danfoss is also located in this section.
- Right Section:** A narrow vertical strip with a width of 2.85 m and a height of 3.78 m. It contains a Router Netgear and a Gateway "SA".
- Bottom Section:** A large area with a width of 8.37 m and a height of 7.68 m. It contains three sensors labeled SP3, SP8, and SP1. This section is further divided into:
  - Toilettes:** A small area with a width of 3.39 m and a height of 4.41 m.
  - Cuisine:** A rectangular area with a width of 3.09 m and a height of 3.15 m.
  - Bureau des associations:** A small area with a width of 4.68 m.
  - Salle reunion:** A small area with a width of 3.09 m.

The diagram also shows the locations of various equipment, including a Router Netgear, a Gateway "SA", and a Repeteur Danfoss.



Routeur Wifi  
Netgear

## Gateway Danfoss "SALLE"

**Surface chauffée :**  
 $175.0 + 25.9 + 9.7 + 10.7$   
 $= 221 \text{ m}^2$

 Radiateur ouvert

 Radiateur connecté