



Understanding Sound Pressure Levels - Aurora II - 6 kW

The **Adlår Castra Aurora II 6, 10 and 14 kW** heatpump complies with (EU) No. 813/2013 norm, regarding outdoor sound levels, measured directly next to the heat pump. The legal standards apply as follows:

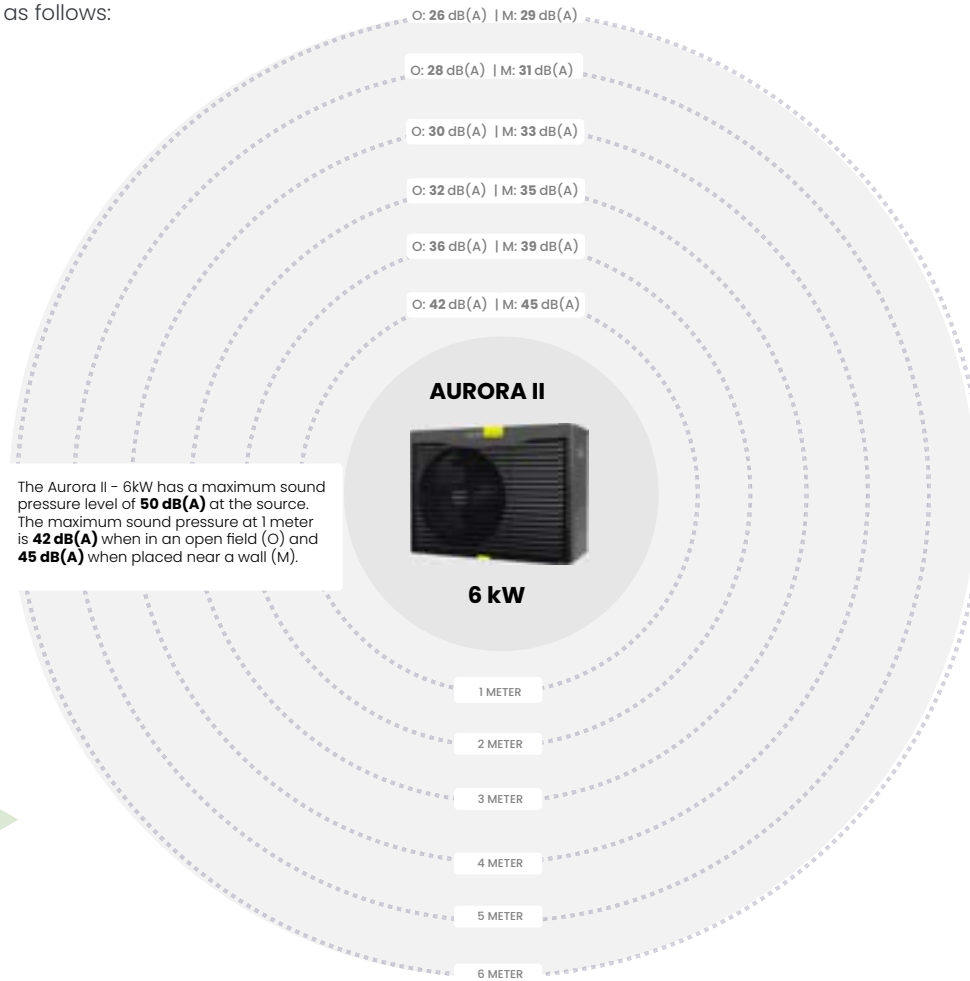
Sound level at property boundary:

Daytime (07:00 to 19:00) maximum 45 db(A).

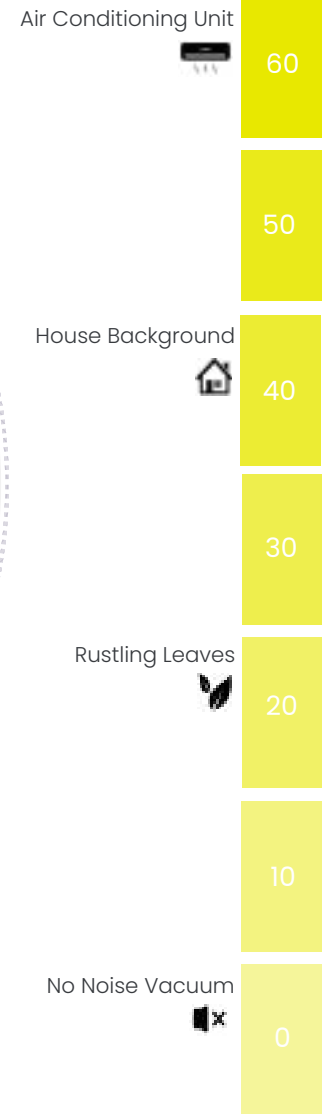
Nighttime (19:00 to 07:00) maximum 40 db(A).

The **maximum sound pressure level** of the Aurora II (in test conditions):

	1 meter distance	2 meter distance
6 kW	42 dB(A)	36 dB(A)
10 kW	43 dB(A)	37 dB(A)
14 kW	47 dB(A)	41 dB(A)



Sound Comparison at 1m





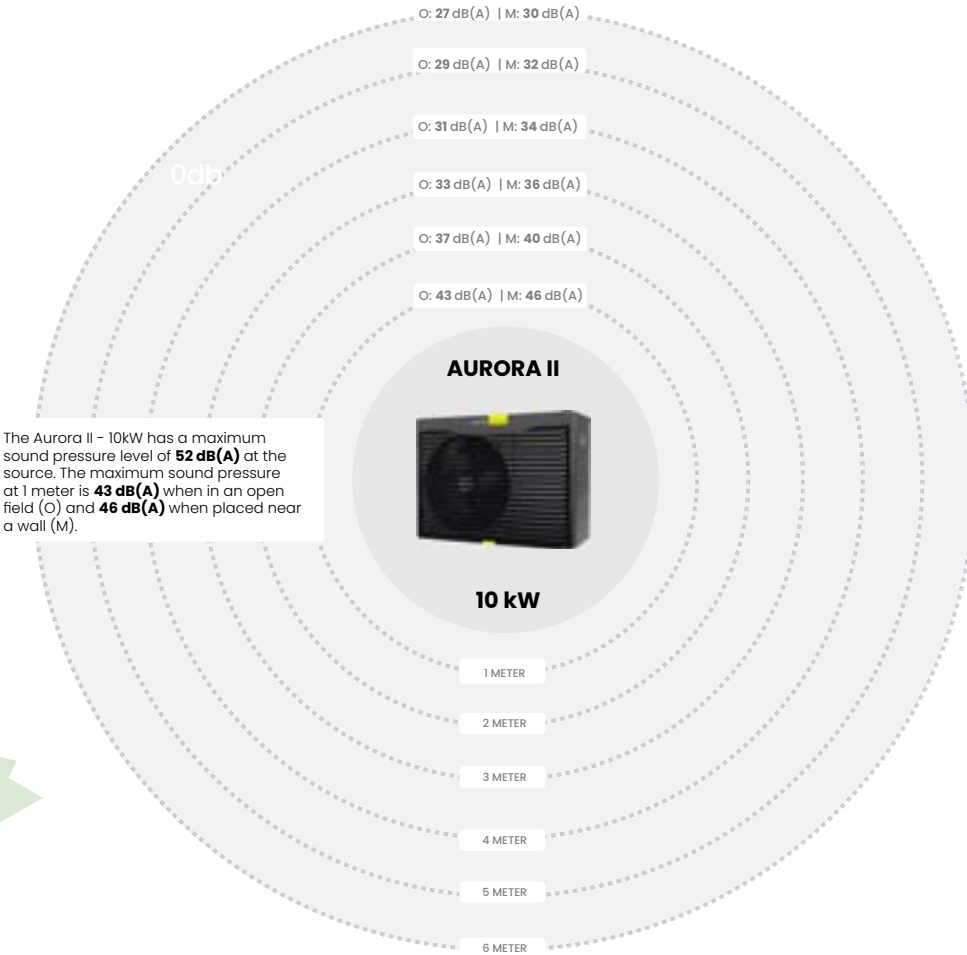
Understanding Sound Pressure Aurora II - 10 kW

The **Adlår Castra Aurora II 6, 10 and 14 kW** heatpump complies with (EU) No. 813/2013 norm, regarding outdoor sound levels, measured directly next to the heat pump. The legal standards apply as follows:

Sound level at property boundary:
 Daytime (07:00 to 19:00) maximum 45 db(A).
 Nighttime (19:00 to 07:00) maximum 40 db(A).

The **maximum sound pressure level** of the Aurora II (in test conditions):

	1 meter distance	2 meter distance
6 kW	42 dB(A)	36 dB(A)
10 kW	43 dB(A)	37 dB(A)
14 kW	47 dB(A)	41 dB(A)



The Aurora II - 10kW has a maximum sound pressure level of **52 dB(A)** at the source. The maximum sound pressure at 1 meter is **43 dB(A)** when in an open field (O) and **46 dB(A)** when placed near a wall (M).

Sound Comparison at 1m

Air Conditioning Unit	60
House Background	40
Rustling Leaves	20
No Noise Vacuum	0





Understanding Sound Pressure Aurora II - 14 kW

The **Adlår Castra Aurora II 6, 10 and 14 kW** heatpump complies with (EU) No. 813/2013 norm, regarding outdoor sound levels, measured directly next to the heat pump. The legal standards apply as follows:

Sound level at property boundary:

Daytime (07:00 to 19:00) maximum 45 db(A).

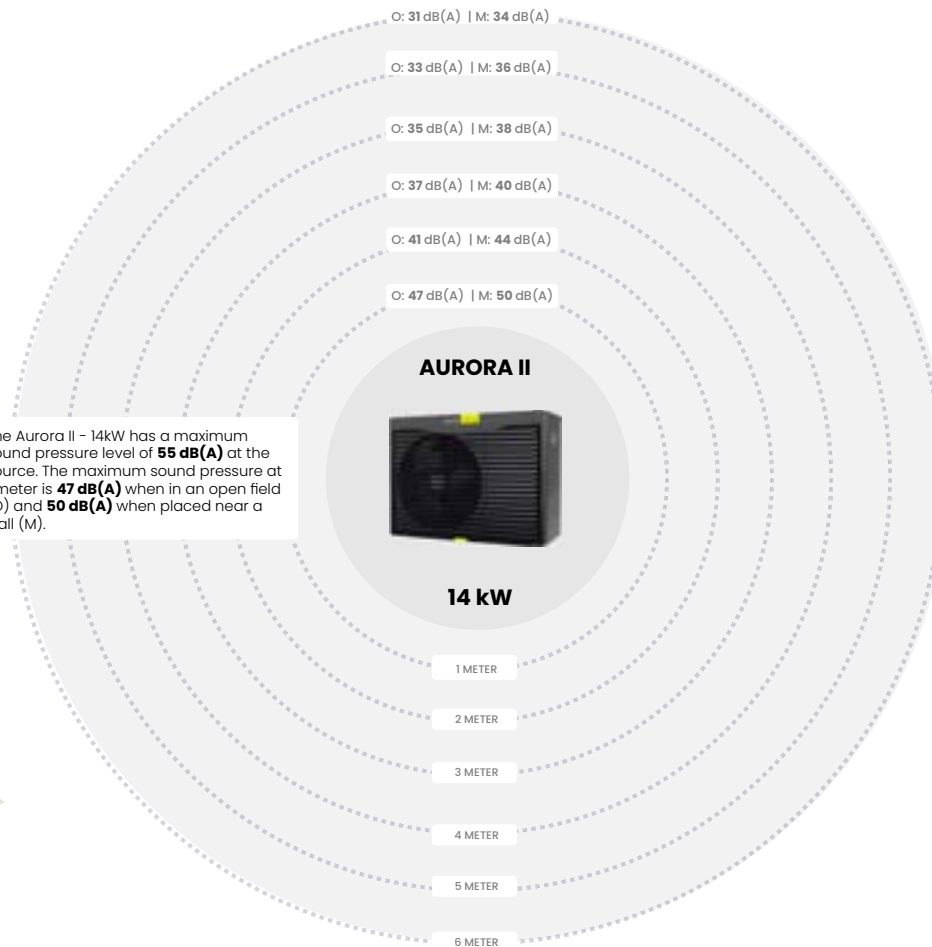
Nighttime (19:00 to 07:00) maximum 40 db(A).

The **maximum sound pressure level** of the Aurora II (in test conditions):

	1 meter distance	2 meter distance
6 kW	42 dB(A)	36 dB(A)
10 kW	43 dB(A)	37 dB(A)
14 kW	47 dB(A)	41 dB(A)



The Aurora II - 14kW has a maximum sound pressure level of **55 dB(A)** at the source. The maximum sound pressure at 1 meter is **47 dB(A)** when in an open field (O) and **50 dB(A)** when placed near a wall (M).



Sound Comparison at 1m

Air Conditioning Unit



60

50

House Background



40

30

Rustling Leaves



20

10

No Noise Vacuum



0

