



INFORMATION BRIEFING ON EXTREME HEAT AND POOR AIR QUALITY

ADVICE TO HOMEOWNERS

Investing in a climate-ready home means preparing for longer, more frequent heatwaves and protecting your family from potentially deadly wildfire smoke.

For those without central air conditioning or the resources to install one, leading experts recommend a mini-split heat pump and portable air purifier to keep safe and cool at home!



MINI-SPLIT HEAT PUMP

Mini-split heat pumps are an energy efficient solution to cool a smaller space in your home. Ducts are not required. They provide a middle ground between the more costly heat pump and less energy efficient portable air conditioner. A contractor is still required for installation but a single zone can be installed within a day.

Cost - \$3,000 - \$6,000



AIR PURIFIER

Air purifiers push air through filters designed to remove small particulate matter, including PM2.5 found in wildfire smoke. To use, plug it in and turn it on. Replace the filter as instructed.

Cost - \$100 - \$300 depending on size

Benefits beyond keeping cool

We all benefit when residents can stay cool with good air quality at home:

- Insurers - fewer medical prescriptions and home-care costs.
- Homeowners - increased safety and comfort.
- Municipalities - less strain on cooling centres.
- Provincial - less strain on the hospital system.

Mini-split heat pumps have a great financial return-on-investment.

- Homeowners could anticipate an increase in sale price of \$5,600 with a mini-split heat pump installed.

Make sure to follow other public health guidance and seek external help if needed.

<https://www.alberta.ca/extreme-heat>

