

RISK REDUCTION: WHY SIREN POWER & WARNING DISTANCE MATTERS FOR FIREFIGHTER SAFETY

How warning siren power and warning distance work together to protect firefighters and the public.

SIREN POWER = EARLY WARNING

Firefighter safety begins when a unit responds to a call. The sooner a driver has time to detect an audible signal the more time they have to recognize and respond to it.

WHAT IS WARNING DISTANCE?

Warning distance is the space between your vehicle and the point where surrounding drivers first hear the siren and begin to react.

HOW SIREN WATTAGE CHANGES DISTANCE

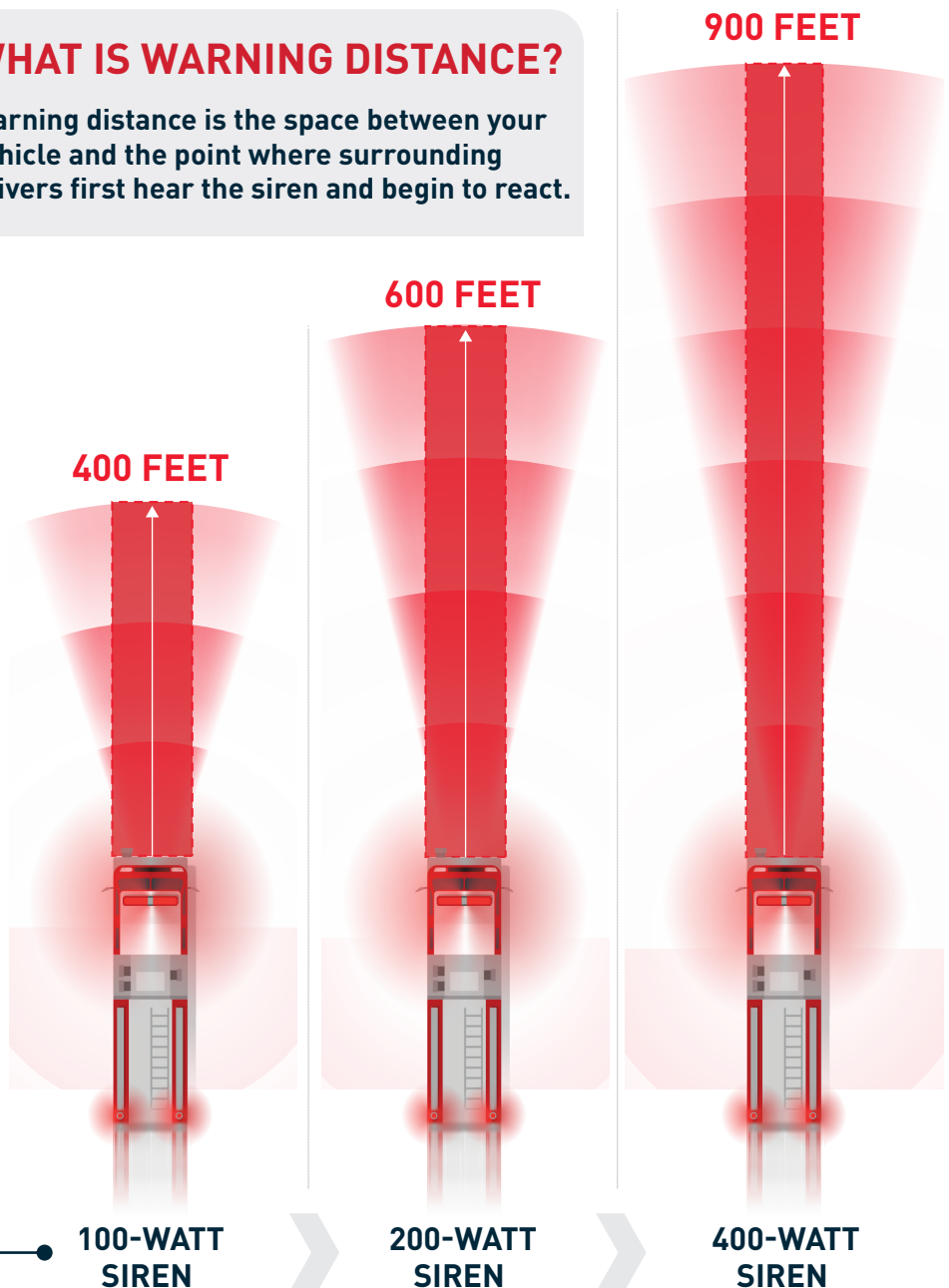


Moving from
100 watts
to 400 watts

**CAN MORE
THAN DOUBLE
THE DISTANCE**

↑ 2X

where drivers are
alerted to your approach.



**Safety in
this moment.**

That's Federal Signal Strength.

For more information, contact your Sales Representation
or call our Federal Signal Customer Support at 800-123-4567.

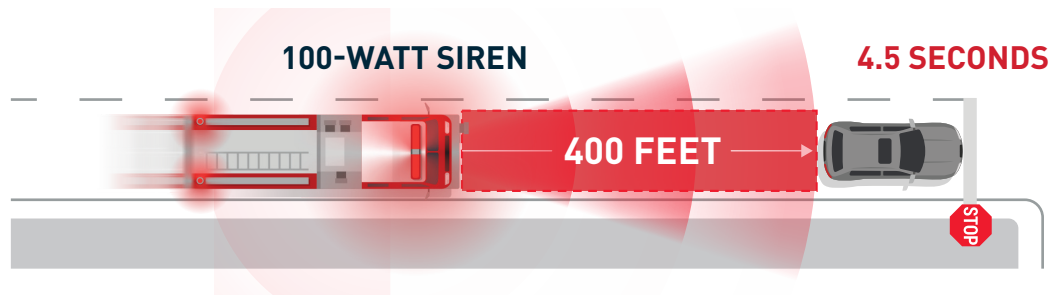
<https://www.fedsig.com/fireems/>





TURNING DISTANCE INTO TIME AT 60 MPH

Drivers have less than five seconds to hear, identify, and respond.



Drivers have approximately 10.2 seconds to react, giving firefighters more room to maneuver if a driver makes an unexpected move.



SAFETY IN THIS MOMENT.

When every second counts, a 400 W siren gives you an extra five seconds for drivers to detect, recognize, and respond, which means more distance and more time for a safer response. **That's Federal Signal Strength.**



**SIREN POWER
IS NOT JUST
VOLUME**

IT IS



TIME



DISTANCE



**FIREFIGHTER
SAFETY**

For more information, contact your Sales Representation
or call our Federal Signal Customer Support at 800-123-4567.

<https://www.fedsig.com/fireems/>

