

# FOR WHEN COOLING IS VITAL.

## PRODUCT APPLICATION GUIDE POULTRY

EXPERIENCE THE



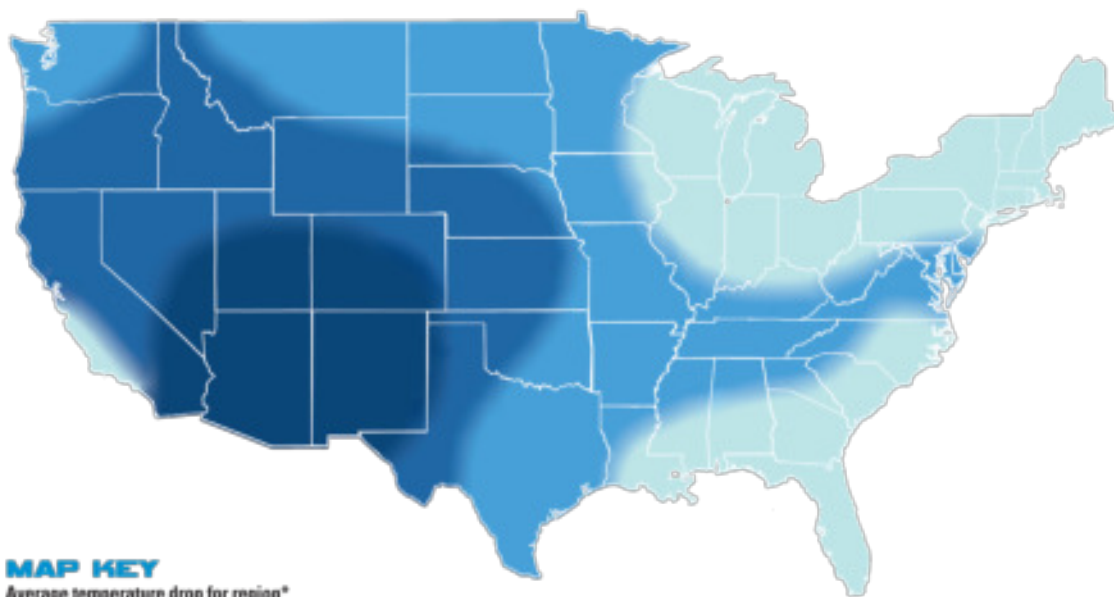
EFFECT

### IDEAL KUUL TECHNOLOGY: Kuul Vitality™ evaporative media

At industry standard air flow velocity, Kuul Vitality evaporative media meets efficiency standards and exceeds pressure drop requirements. Not only does Kuul evaporative media last longer, but helps keep your whole cooling system running longer by adding less stress to moving components. Effective cooling, longer lasting evaporative media and low pressure drop for the lowest total cost of ownership.

#### Why Kuul Vitality performance makes a difference:

- Reliably provides cooling performance when you need it most
- Much lower air-pressure drop allows for greater house ventilation rates with fewer fans in operation at one time – this means less energy cost spent on ventilation
- Allows for higher cool air flow through the house which results in superior bird performance
- The strongest media in the industry, Kuul Vitality lasts much longer than other brands, allowing more years of service before needing replacement



#### MAP KEY

Average temperature drop for region\*

- As much as 10°
- 10-14°
- 15-20°
- more than 20°

\* These ranges are not exact. They are suggestions based on average summer temperatures and humidity readings. The performance of Portacool portable evaporative coolers will vary based on atmospheric conditions.

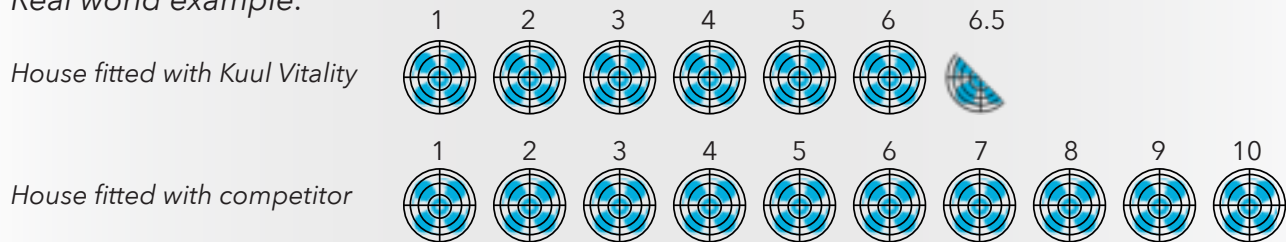
\*\* Real-feel may seem cooler due to wind chill effect.

## Kuul Vitality – the energy friendly choice

Extremely low pressure drop at typical media velocity ranges of between 400 and 550 fpm means as much as 45% less air resistance compared to competitor evaporative media. This translates to more than 35% less fan energy required to cool a house equipped with Kuul Vitality.

This energy reduction translates to real dollars saved and back in your pocket each year!

*Real world example:*



*Imagine being able to save three and a half fans worth of energy with the same cooling!*

## Kuul Vitality – the toughest evaporative media on the market

Kuul Vitality evaporative media is produced with the highest quality virgin materials, with a unique design and production technique. It is the strongest and toughest media on the market and has been specifically designed with the poultry industry in mind. In ideal settings, this series of evaporative media can last much longer than competitor media. This saves you real money and time.



We took four pieces of our standard 6" thick Kuul Vitality media with DuraPro and let them fully support the weight of a 4000+ pound truck. The media suffered little to no damage.

## Kuul Vitality – the most economic choice with the total lowest cost of ownership

Kuul Vitality has been designed for the poultry industry to ensure it ticks all the right boxes for the lowest cost of ownership over the longest period of time.

- 35% less fan energy needed = electrical savings
- Greater airflow = better bird performance
- Improved feed conversion due to better bird climate
- In ideal settings, media can last twice as long as competitors

