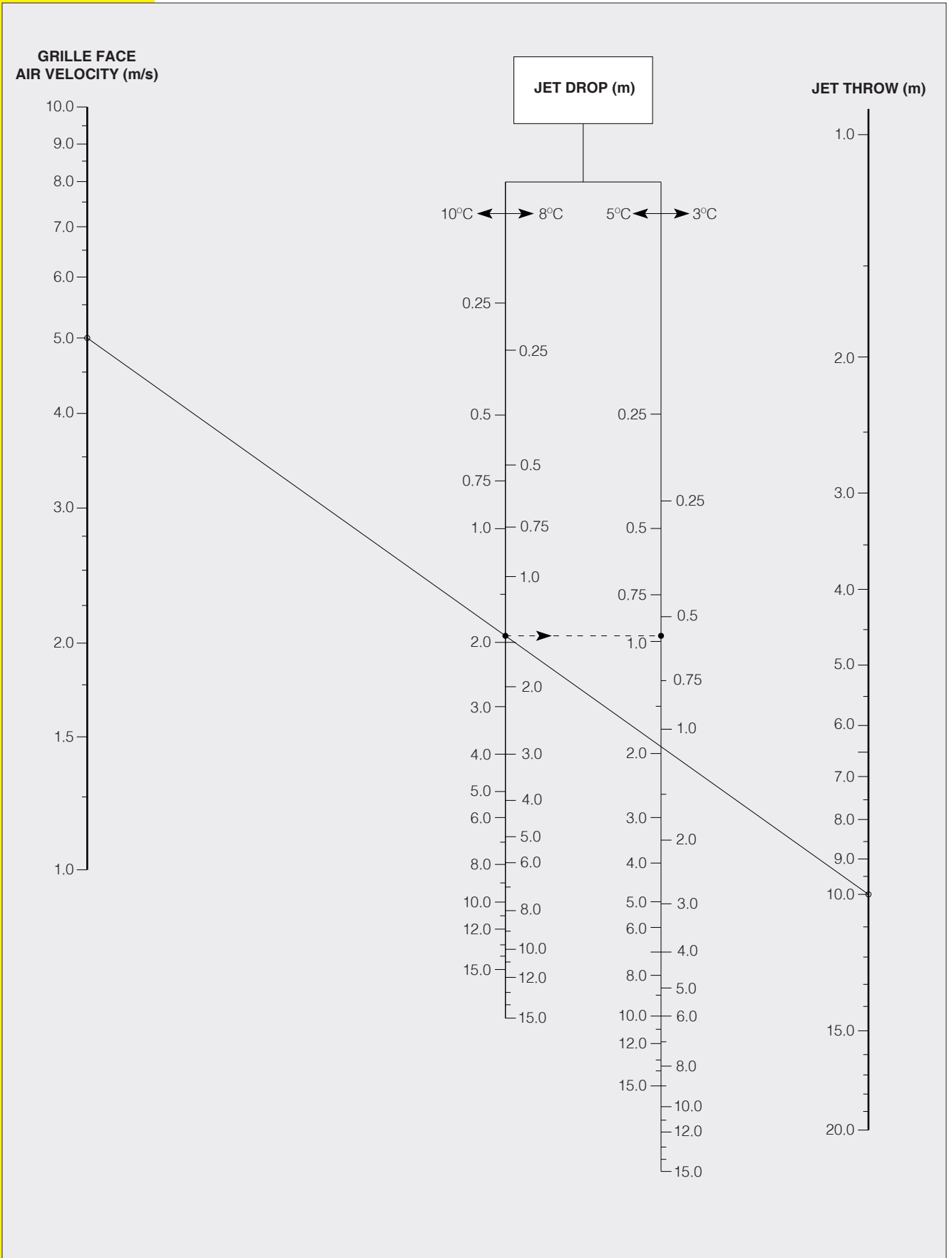


Jet drop characteristics

NOMOGRAM



Jet drop characteristics

EXAMPLE

To determine the drop of a free jet from a sidewall grille, firstly establish the face air velocity and the throw at the design air flow rate from the appropriate nomogram.

Using this data, project a line from the velocity scale to the throw scale and read off the drop from the differential temperature scales.

For a face air velocity of 5 m/s and a throw of 10m, the predicted jet drops would be 2.0m, 1.5m, 1.0m and 0.6m for cooling differentials of 10°C, 8°C, 5°C and 3°C respectively.

jet drop

