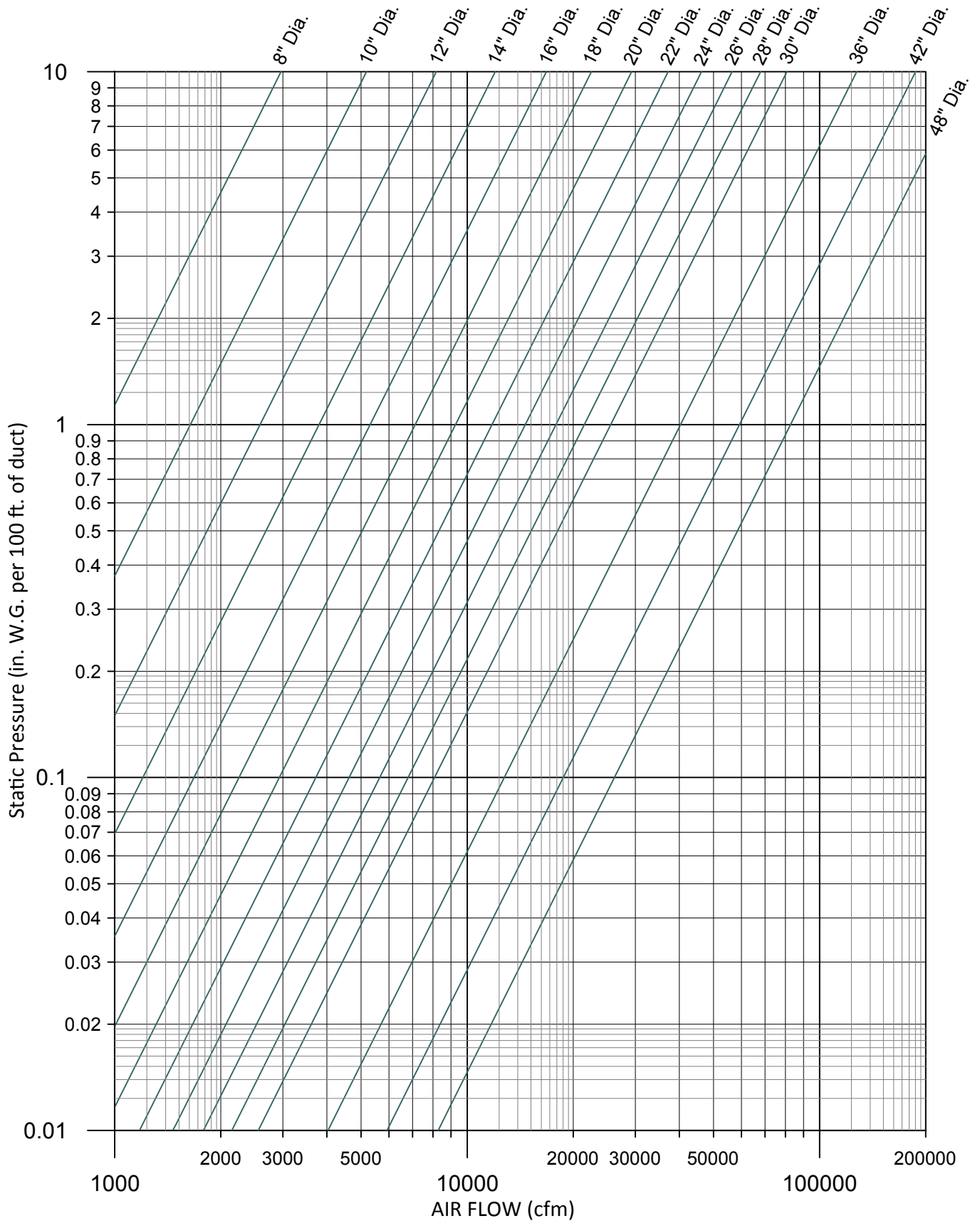




Rigiduct® (Fiberglass) Friction Loss Chart



How to Use the Friction Loss Chart

To determine the friction loss, find the average ducting air quantity (air at heading + ½ leakage), follow the line up to the duct diameter, and read across to determine the static pressure drop per 100 feet. Multiply this number by the ducting length (also in hundreds of feet) to obtain the friction losses.

For an oval duct, use the hydraulic diameter formula to calculate the equivalent round diameter:

$$D_H = \frac{4A}{O}$$