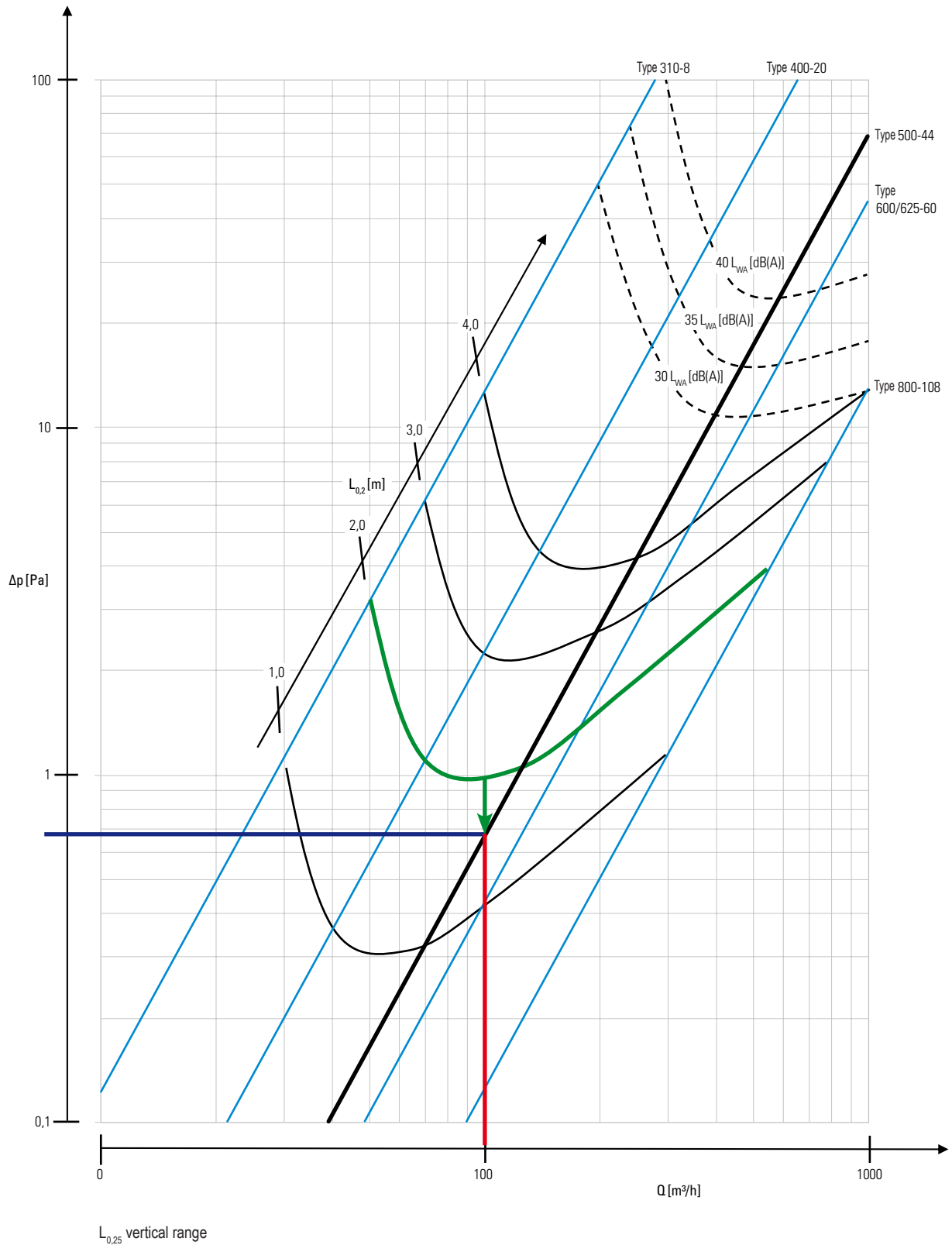


### Instructions for the diagrams for selection of AWK-1, AWK-2 directional swirl diffusers



**Instruction: Attention, diagrams refer to diffusers with horizontal blades.** For oblique blades it is recommended to use an appropriate selection chart. Air stream range  $Q_h=100$  m<sup>3</sup>/h and vertical range  $L_{v0,25} < 2$  m. Sought after diffuser size. We draw a horizontal line (red) corresponding to  $Q_h=100$  m<sup>3</sup>/h until curve

intersection  $L_{v0,25}$ . Sought after diffuser curve below the curve range, in this case we find Type 500 (black).

From the point of intersection leading a horizontal line (blue) we will read a pressure loss on the diffuser (0,7 Pa).