

# DARCY EQUATION

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## ABSTRACT

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This model is actually the combination of 2 parts, which have separate functions. One of the parts is where the pipe is sudden expanding and contracting. Another part is where the cross sectional area is the same. The sudden expanding and contracting parts will be ignored due to the title of my project – ‘DARCY EQUATION’

There is 2 different size of pipe for this model, which is 15mm and 25mm in diameter. Why 2 different pipes are used? It is because that the pressure head is not the same for these 2 pipes. In the other word, the pressure head might be affected by the diameter of the pipe.