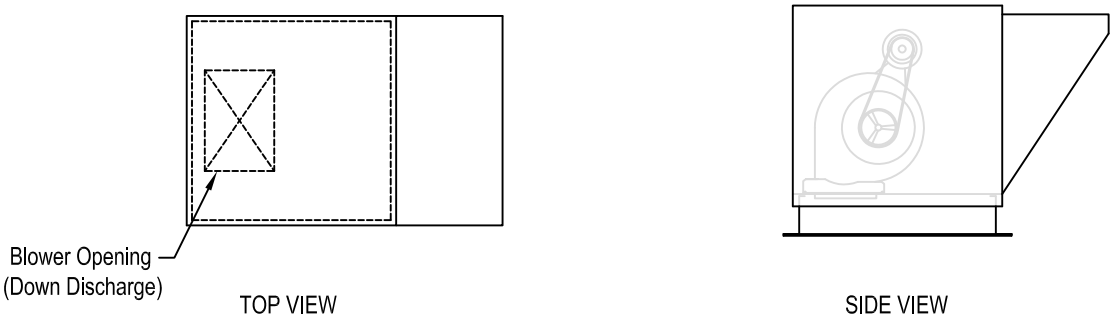
DOWN DISCHARGE VS SIDE DISCHARGE

Down Discharge Option:

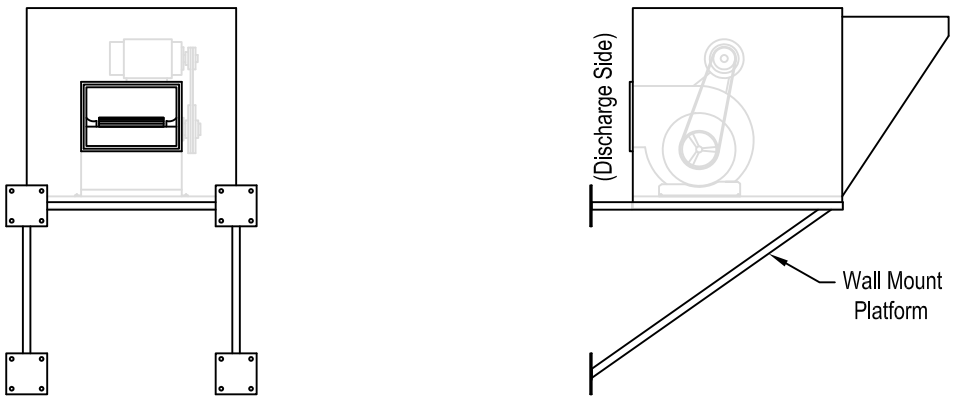
The ARS series filtered supply fan is manufactured with down discharge as standard. The down discharge configuration is generally used for roof mounting application. The fan mounts on a roof curb with opening directly below the fan. The air-flow will be directed vertically through the make-up air duct attached to the roof curb and the hood supply plenum.



ARS-9 THRU ARS-12 (Single Inlet)
ARS-15 THRU ARS-18 (Double Inlet)

Side Discharge Option:

The ARS series filtered supply fan may be manufactured with a side discharge option. The side discharge configuration is commonly used for wall mounting applications. In this application the fan is mounted on a required wall mount platform. Make-up air duct is attached to the side of the fan, and penetrates the wall. The air-flow will be directed horizontally from the fan through the make-up air duct attached to the hood supply plenum. The side discharge option, may also be used for pad mounting (ground).



ARS-9 THRU ARS-12 (Single Inlet)
ARS-15 THRU ARS-18 (Double Inlet)