

FAN ROTATION AND DISCHARGE



Fan rotation is determined by looking at the fan from the drive end. The drive end is the side of the fan housing through which the fan or motor shaft protrudes. For DWDI or Arrangement 3 SWSI fans, it is the side of the fan housing at which the belt drive sheave is mounted.

For centrifugal fans, discharge is the direction the fan outlet points.

Specification of the rotation and discharge when ordering a housed centrifugal fan is required so that the fan will fit in your system properly.

DISCHARGE DIRECTION	CLOCKWISE (CW)	COUNTERCLOCKWISE (CCW)	DISCHARGE DIRECTION	CLOCKWISE (CW)	COUNTERCLOCKWISE (CCW)
Top Horizontal (TH)			Top Angular Up (TAU)		
Bottom Horizontal (BH)			Top Angular Down (TAD)		
Up Blast (UB)			Bottom Angular Up (BAU)		
Down Blast (DB)			Bottom Angular Down (BAD)		



THE NEW YORK
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MOTOR POSITIONS

ARRANGEMENT 1

Arrangement 1 fans are typically belt driven. NYB offers optional belt guards and Unitary Bases (or "u-bases") for Arrangement 1 fans. In order to supply the appropriate belt guard or u-base, the motor position relative to the fan must be specified. The fan industry has standardized the motor positions designations W, X, Y, and Z for Arrangement 1 as shown below.

