

COOLER



Working Principle

The cooler is a continuously operating machine with a cooling principle based on the counterflow of cooling air and hot product. The hot dried product is continuously fed into the cooler through the inlet chute at the driving end of the machine.

The rotor, rotating between 17 and 28 rpm, is equipped with agitating arms and paddles that lift the product into the stator drum, where it is cooled through contact with the air stream drawn through the stator by the centrifugal fan.

The Cooler adopts a rapid-flow type design to cool powder and small granular materials. While cooling the material, it can also screen different particles according to various requirements.

Type	Dimensions (D*L in m)	Nominal Capacity (kg/h)	Stator Volume (ml)	Motor Drive/Fan (kw)	RPM
AC-1207	1.2x7.0	1700	8	11.0/5.5	28
AC-1606	1.6x6.5	2600	12	15.0/5/5	25
AC-1609	1.6x9.5	3350	17	18.5/11.0	25
AC-2009	2.0x9.0	5250	24	30.0/15.0	21
AC-2012	2.0x12.0	7000	32	37.0/18.5	21
AC-2909	2.9x9.0	10500	49	45.0/37.0	19
AC-2912	2.9x12.0	14500	66	55.0/37.0	19



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