

Cooler



Working Principle

Cooler is a continuously working machine with a cooling principle based on the counter flow 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 lifting the product up into the stator drum where it is cooled by the contact with the air stream that is drawn through the stator by the centrifugal fan.

Sensitar Cooler adopts rapid flow type to cool powder and small granular materials. While cooling the material, it can screen different particles according to different requirements.

Type	Dimensions (D*L in m)	Nominal Capacity (kg/h)	Stator Volume (m³)	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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