

CFI/K

CFI/K: Centrifugal single-inlet, medium-pressure fans with casing and sheet steel impeller

Fan:

- Steel sheet casing
- Impeller with forward-facing blades made from galvanised sheet steel

Motor:

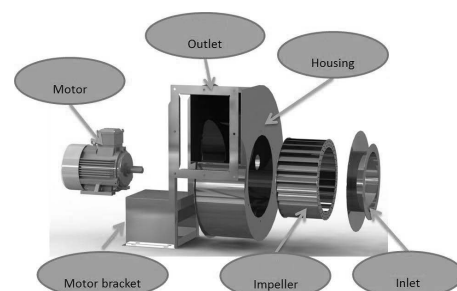
- Motors with IE-2 efficiency
- Class F motors with ball bearings, IP54 protection
- Single-phase 230V. -50Hz. and three-phase 230/400V.-50Hz.
- Max. air temperature to transport: -20°C.+ 120°C.,

Finish:

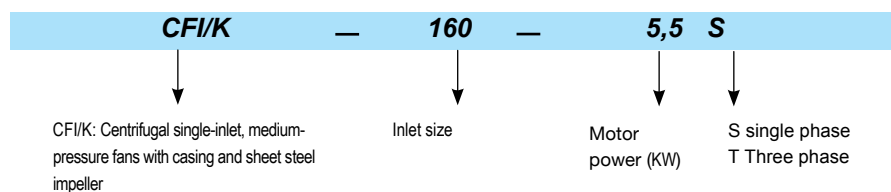
- Anticorrosive finish in polyester resin, polymerised at 190°C, after alkaline degreasing and phosphate-free pre-treatment.



Dynamically balanced wheels with robust centres



Order code



Technical characteristics

Model	Speed (r/min)	Installed power (kW)	Maximum airflow (m³/h)	Noise Level (dB)
CFI/K-75-0.025S	2800	0.025	200	62
CFI/K-100-0.04S	2800	0.04	245	55
CFI/K-125-0.09S	2800	0.09	610	58
CFI/K-150-0.2S	2800	0.2	1060	61
CFI/K-150-0.2T	2800	0.2	1060	61
CFI/K-160-0.25S	2800	0.25	1390	69
CFI/K-160-0.25T	2800	0.25	1390	69
CFI/K-175-0.55S	2800	0.55	1745	58
CFI/K-190-0.18S	1400	0.18	1065	62
CFI/K-190-0.18T	1400	0.18	1065	62
CFI/K-190-0.75S	2800	0.75	2130	73
CFI/K-190-0.75T	2800	0.75	2130	73
CFI/K-230-0.37S	1400	0.37	1587	64
CFI/K-230-0.37T	1400	0.37	1587	64
CFI/K-230-1.5S	2800	1.5	3174	74
CFI/K-230-1.5T	2800	1.5	3174	74
CFI/K-250-0.75S	1400	0.75	2210	67
CFI/K-250-0.75T	1400	0.75	2210	67
CFI/K-250-2.2S	2800	2.2	4420	83

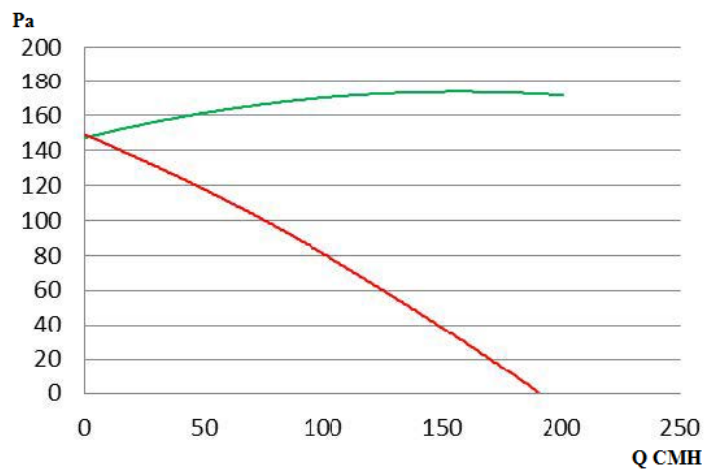
Technical characteristics



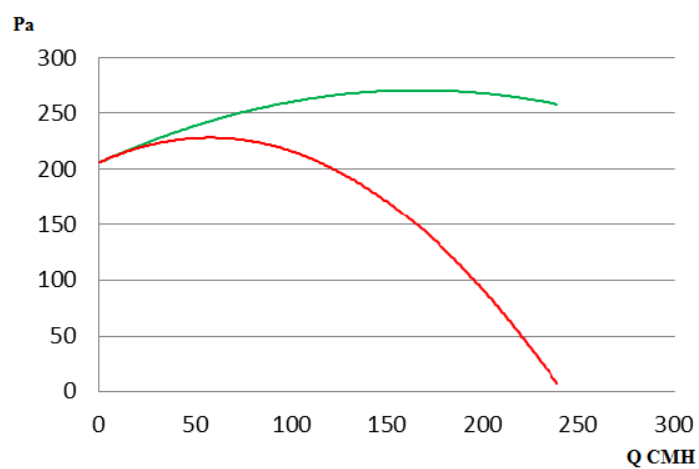
Model	Speed (r/min)	Installed power (kW)	Maximum airflow (m³/h)	Noise Level (dB)
CFI/K-250-2.2T	2800	2.2	4420	83
CFI/K-270-0.75S	1400	0.75	2520	66
CFI/K-270-0.75T	1400	0.75	2520	66
CFI/K-300-1.5S	1400	1.5	4285	70
CFI/K-300-1.5T	1400	1.5	4285	70
CFI/K-350-1.5T	920	1.5	5756	67
CFI/K-350-3T	1400	3	8695	80
CFI/K-400-3T	920	3	7642	70
CFI/K-400-4T	1400	4	9639	81
CFI/K-450-7.5T	1400	7.5	11844	82
CFI/K-500-5.5T	920	5.5	12307	75
CFI/K-550-7.5T	920	7.5	18119	84
CFI/K-600-11T	920	11	20099	85



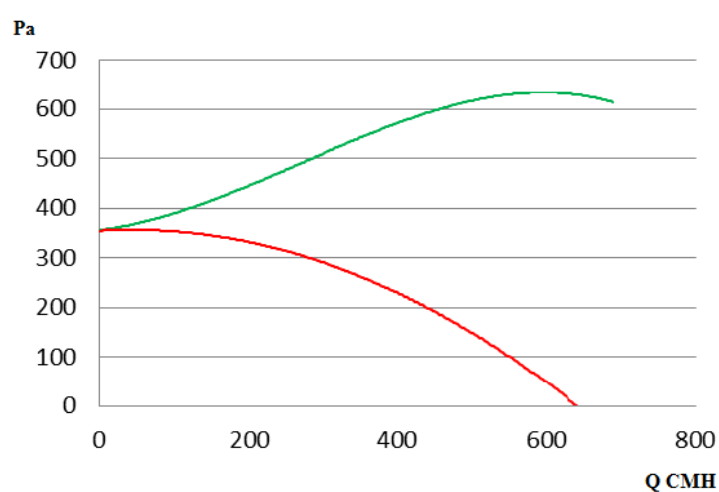
CFI/K-75-0.025S



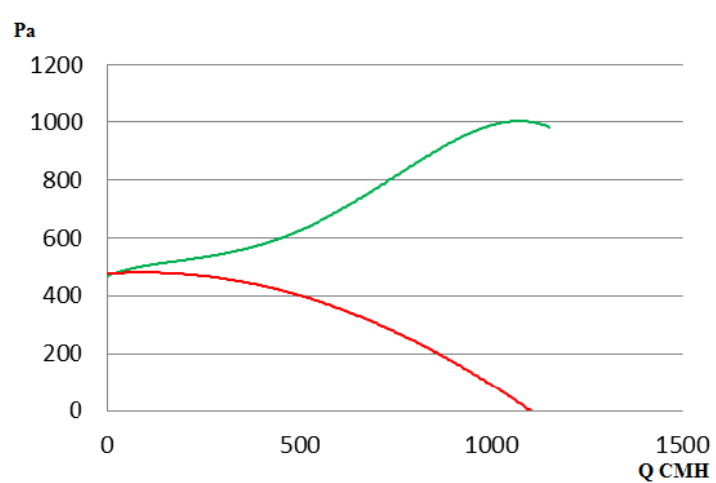
CFI/K-100-0.04S



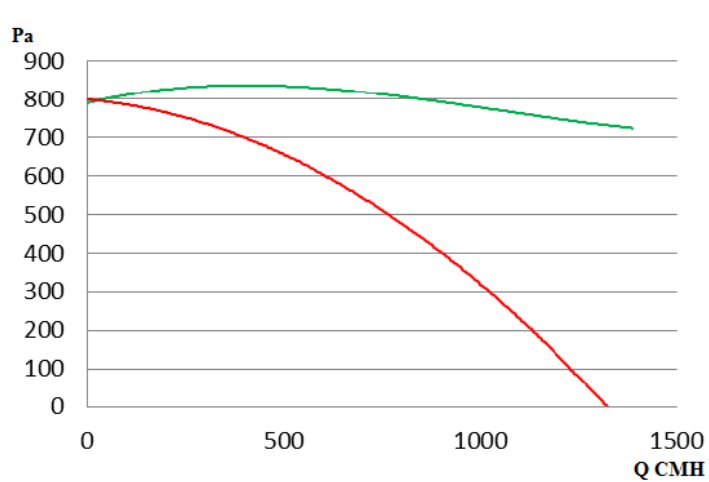
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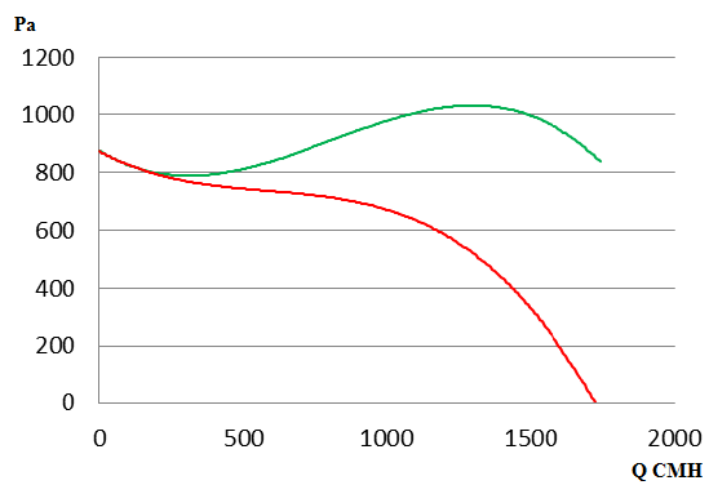
CFI/K-150-0.2S/T



CFI/K-160-0.25S/T



CFI/K-175-0.55S

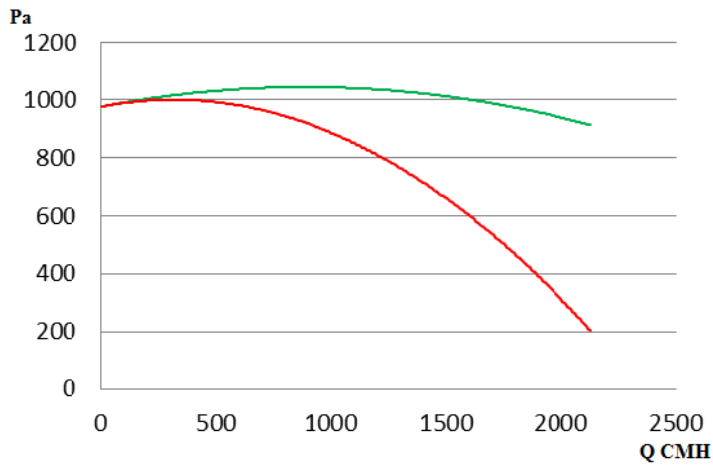


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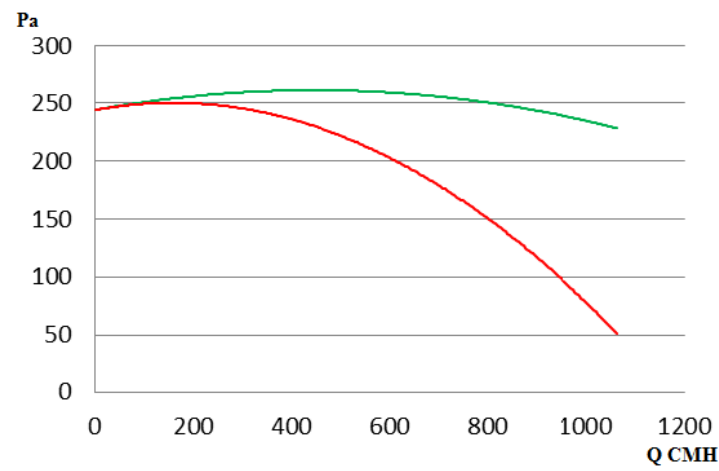


Characteristic curves

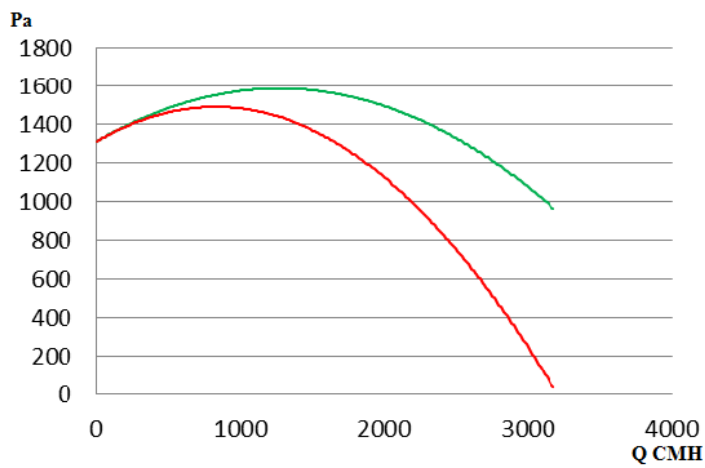
CFI/K-190-0.75S/T



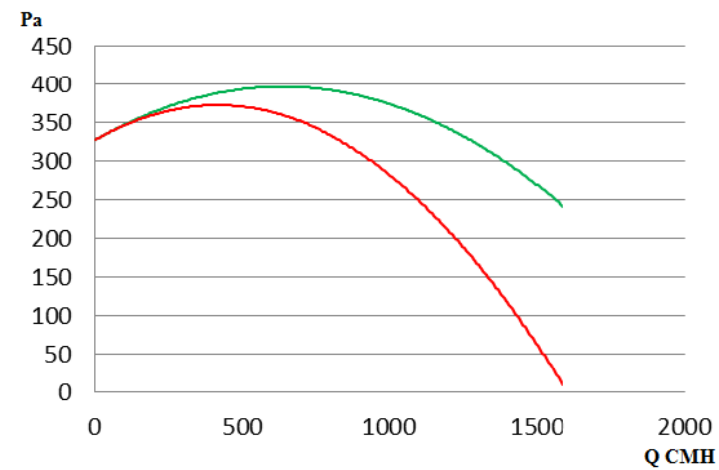
CFI/K-190-0.18S/T



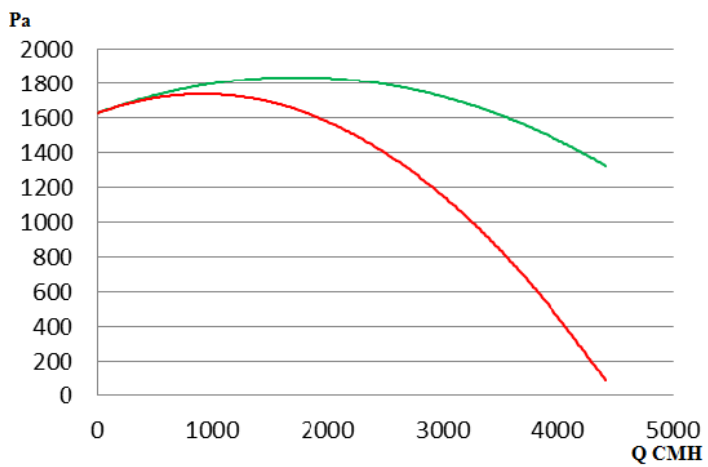
CFI/K-230-1.5S/T



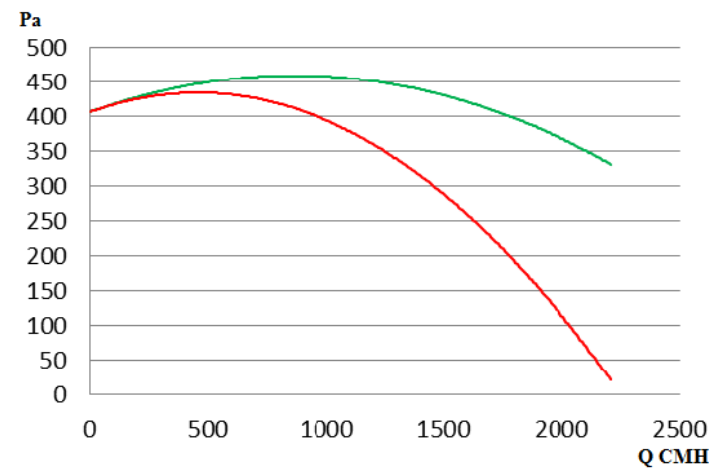
CFI/K-230-0.37S/T



CFI/K-250-2.2S/T



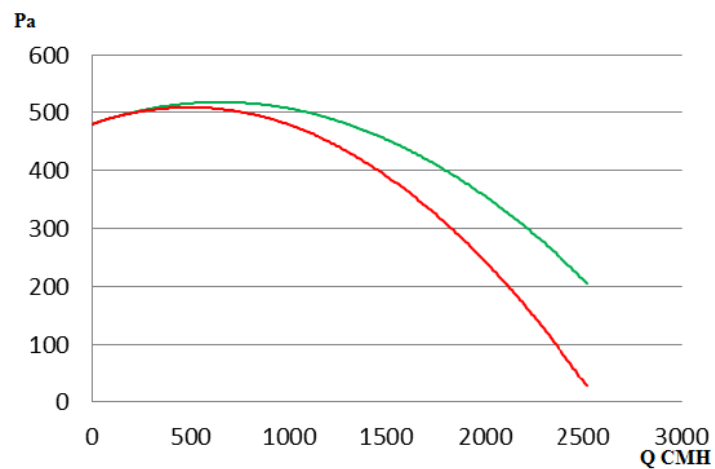
CFI/K-250-0.75S/T



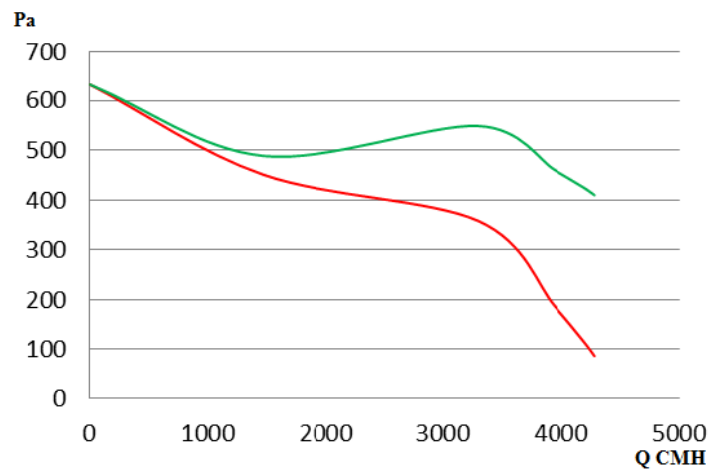
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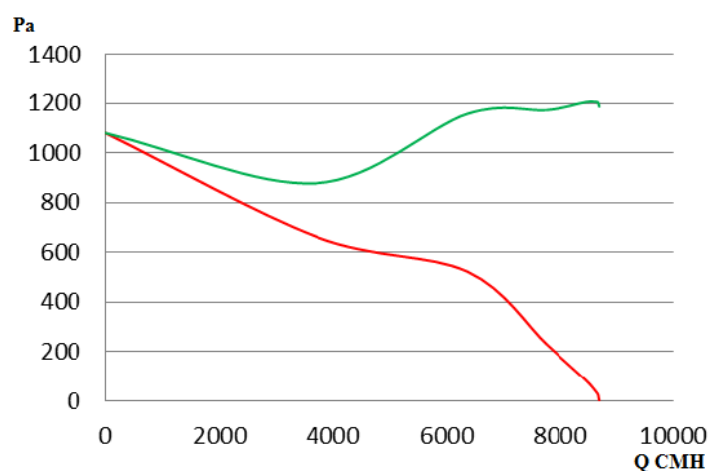
CFI/K-270-0.75S/T



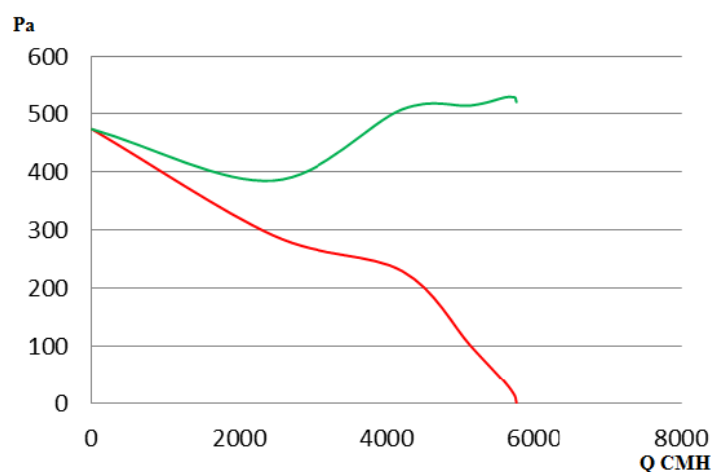
CFI/K-300-1.5S/T



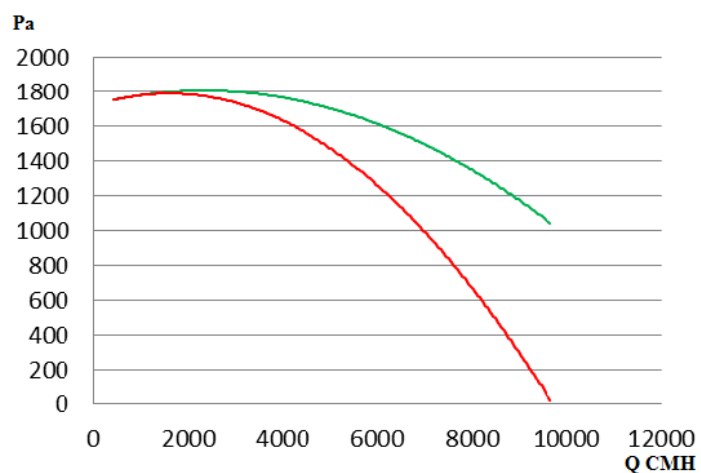
CFI/K-350-3T



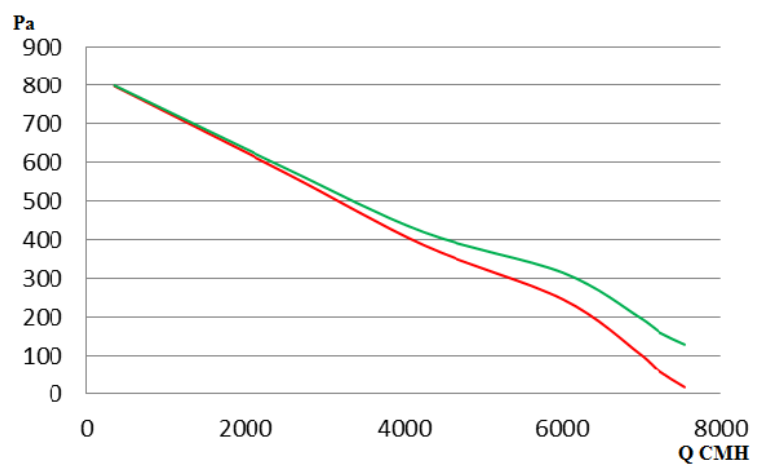
CFI/K-350-1.5T



CFI/K-400-4T



CFI/K-400-3T

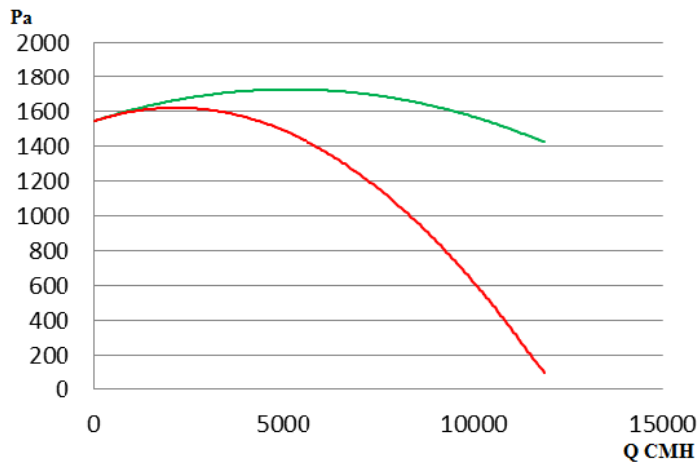


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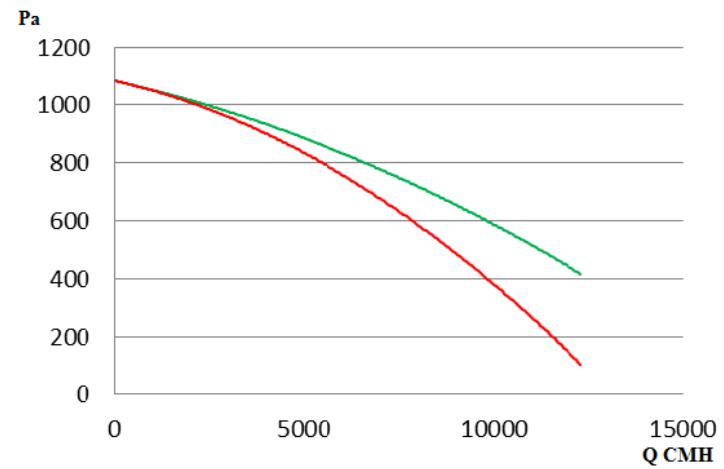


Characteristic curves

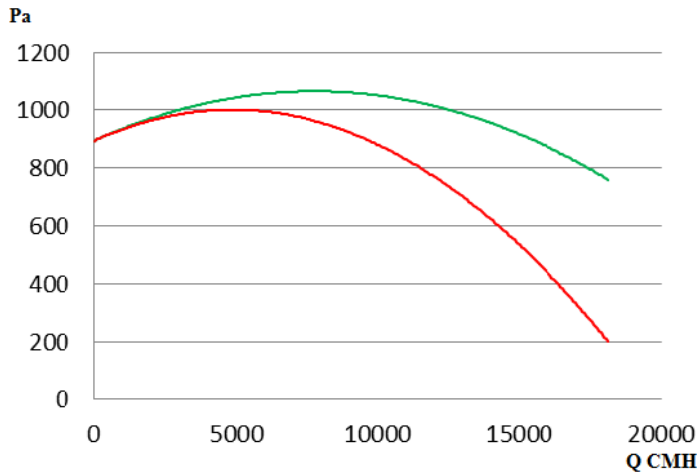
CFI/K-450-7.5T



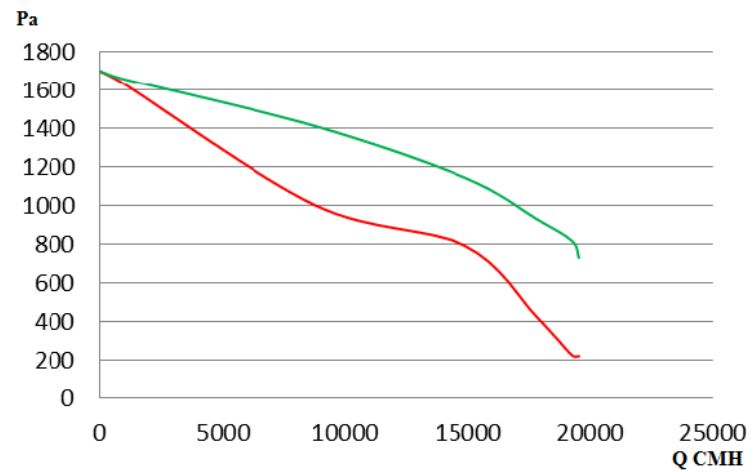
CFI/K-500-5.5T



CFI/K-550-7.5T



CFI/K-600-11T



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- Please check all the parts of the body in details and make sure whether there is damage inside or not. It is because the fan may be damage during the transportation. If any, it should be repaired before it install
- The motor and impeller should connect properly
- Please do check the fan and duct, and ensure that there are no obstructions to hinder the rotation. If any, it should be cleared before starting
- Running in a given value and the fan should be rotate in a given direction
- If any unexpected sound and strenuous vibration occurred, please switch off the blower and repair the breakdown before it use.

Troubleshooting & Instructions

Did not rotate

- Wrong Voltage
- Power shut down or wrong wiring
- Overload protection
- Fuse burn-out.
- Loose of pulley.
- Failure of belt

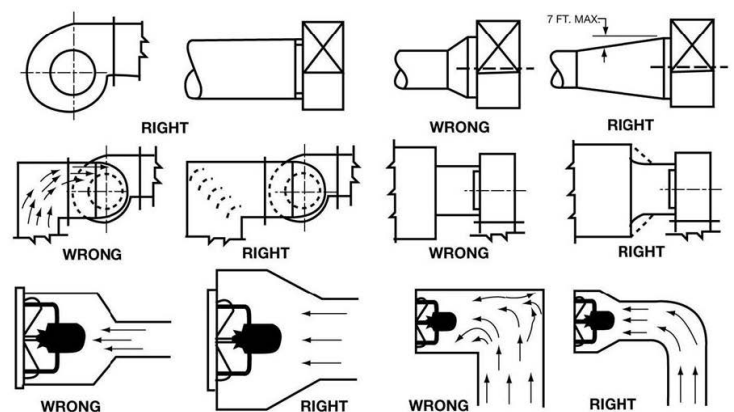
Limited Air Volume

- Wrong rotate direction.
- The real air speed is lower than expected
- Static pressure is too much
- Restricted Inlet or Outlet
- Blocked Inlet or Outlet

Too much Air Volume

- The real air speed is higher than expected
- Static pressure is too less
- The blower is not installed in the right position

Inlet Connections



Outlet Connections

