CODE 497.3.265
145 mm (5,7") DIAMETER
TANGENTIAL DISCHARGE

497 tangential discharge blowers/pumps are available in one-, two- or three-stage configuration, with power ratings up to 1100W. These are our standard blowers and for pressure application we have solutions with special sealing which protects bearing. Such a solution is available up on request.

Possible applications:
- fume/smoke extraction,
- medical Laser fume extraction,
- collator,
- cutting tables / vacuum tables,
- printing machine,
- paper handling,
- packaging equipment,
- hopper loader,
- dryer,
- hand dryer
- industrial vacuum cleaner,
- cooling of various things,
- etc.

There are plenty of options for each blower available (some are up on request):
- top cooling air inlet with tube
- working air inlet with tube
- speed control 0-10VDC or PWM
- side cooling air inlet
- top cooling air inlet
- working air inlet
- without speed control
- speed output

CONECTOR AMP 350810-1		
PIN	COLOR	
5	black	AC INPUT
4	black	AC INPUT
3	ye-gr	EARTH
2	red	High / Isolated speed
1	blue	Low / Control 0-10V DC
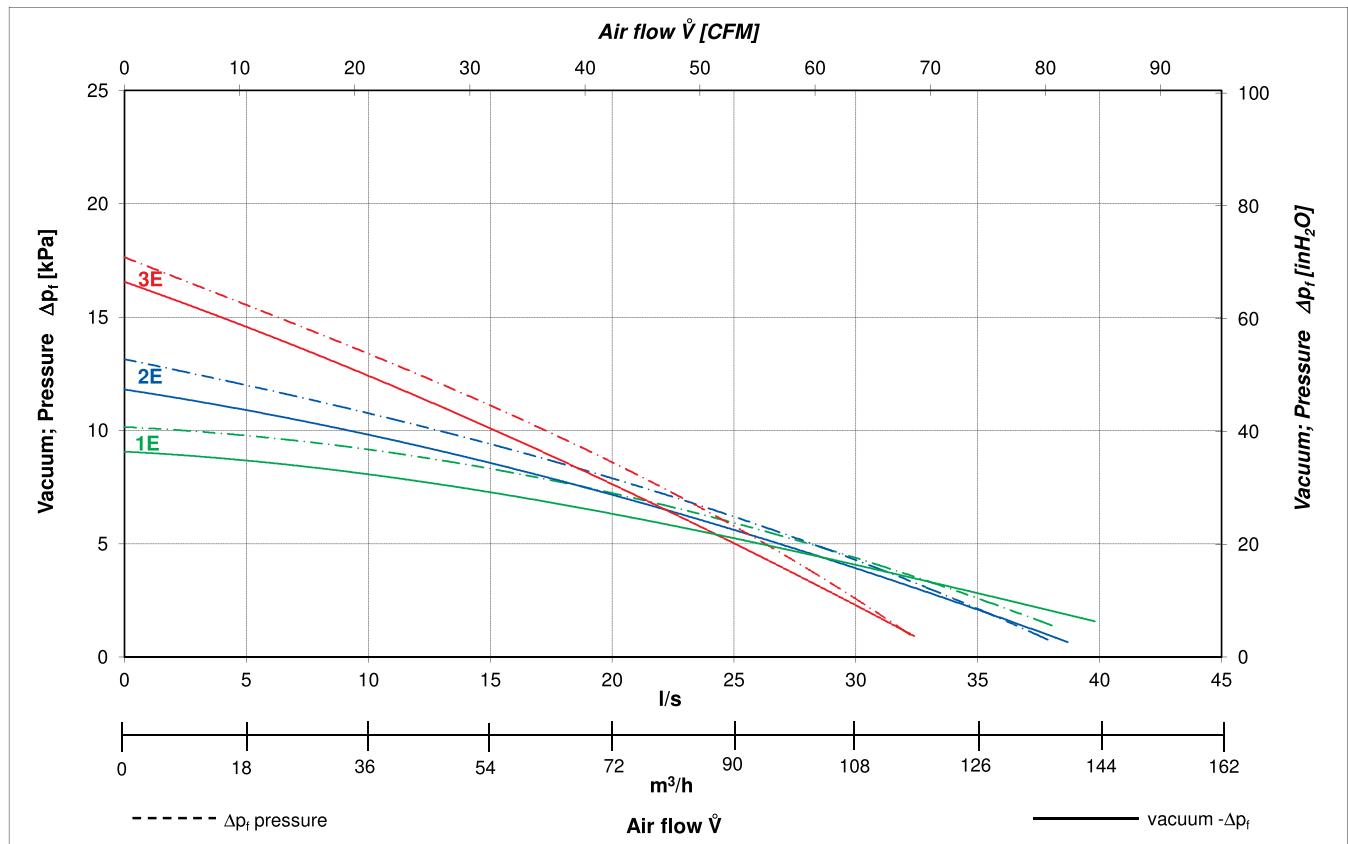
Dimensional and performance data are subject to change without notice.

Selection and ordering information for 230V/50Hz - TANGENTIAL DISCHARGE												
Code	Stage P / E	A		B		P1	Sealed Vacuum		Sealed Pressure		Max. air flow		Mass
	Curve	[mm]	[in]	[mm]	[in]	[W]	[kPa]	[inH2O]	[kPa]	[inH2O]	[l/s]	[CFM]	[kg]
497.3.265-721	1P	29	1,14	133	5,24	1100	12,6	50,6	14,2	57,1	55,0	116,5	2,1
497.3.265-761	2P	54	2,13	158	6,22	1100	22,3	89,6	25,0	100,5	50,9	107,9	2,55
497.3.265-841	3P	81	3,19	185	7,28	1100	31,7	127,4	34,8	139,8	43,1	91,3	2,65
497.3.265-322	1E	29	1,14	133	5,24	450	9,0	36,2	10,1	40,6	42,1	89,2	2,1
497.3.265-361	2E	54	2,13	158	6,22	450	11,9	47,8	12,6	50,6	38,7	82,0	2,55
497.3.265-441	3E	81	3,19	185	7,28	450	16,9	67,9	17,7	71,1	33,1	70,1	2,65
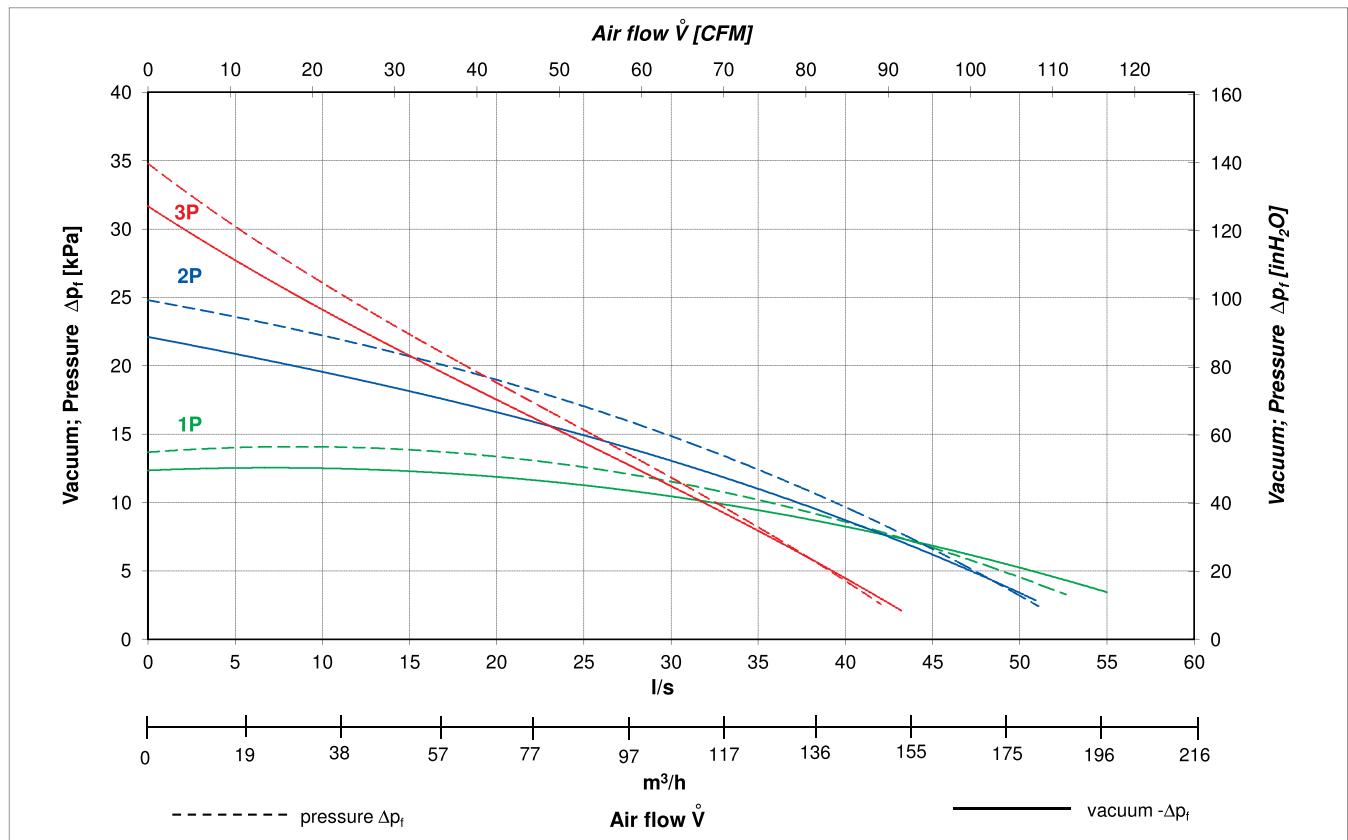
Data above represent the performance of an average motor sample. Individual data may vary due to normal manufacturing variations.

450 W

Air flow V̊ [CFM]

Vacuum; Pressure Δp$_f$ [kPa]

Vacuum; Pressure Δp$_f$ [inH$_2$O]

3E
2E
1E

l/s

m³/h

Air flow V̊

- - - - Δp$_f$ pressure

vacuum -Δp$_f$

1100 W

Air flow V̊ [CFM]

Vacuum; Pressure Δp$_f$ [kPa]

Vacuum; Pressure Δp$_f$ [inH$_2$O]

3P
2P
1P

l/s

m³/h

Air flow V̊

- - - - pressure Δp$_f$

vacuum -Δp$_f$

CODE 497.3.265
145 mm (5,7") DIAMETER
TANGENTIAL DISCHARGE
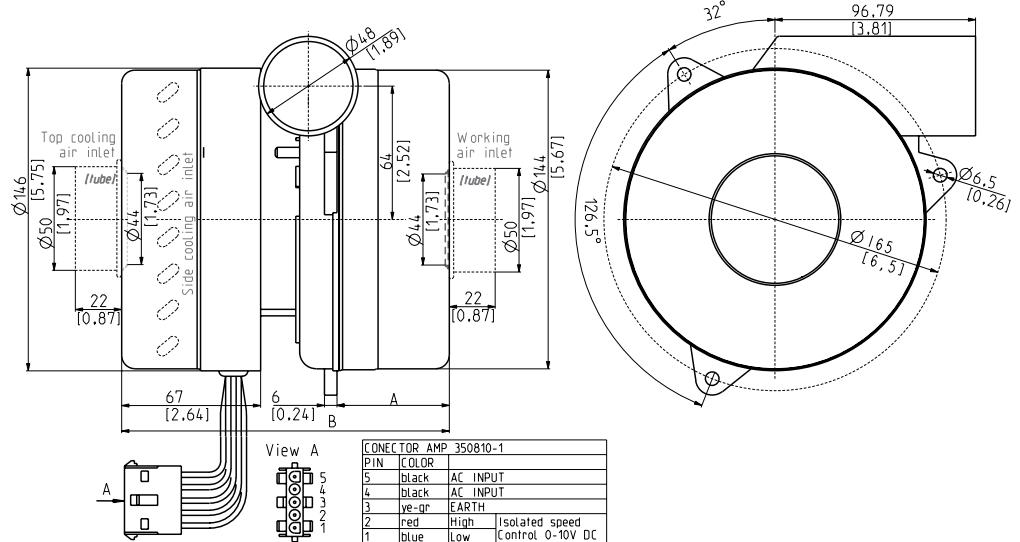
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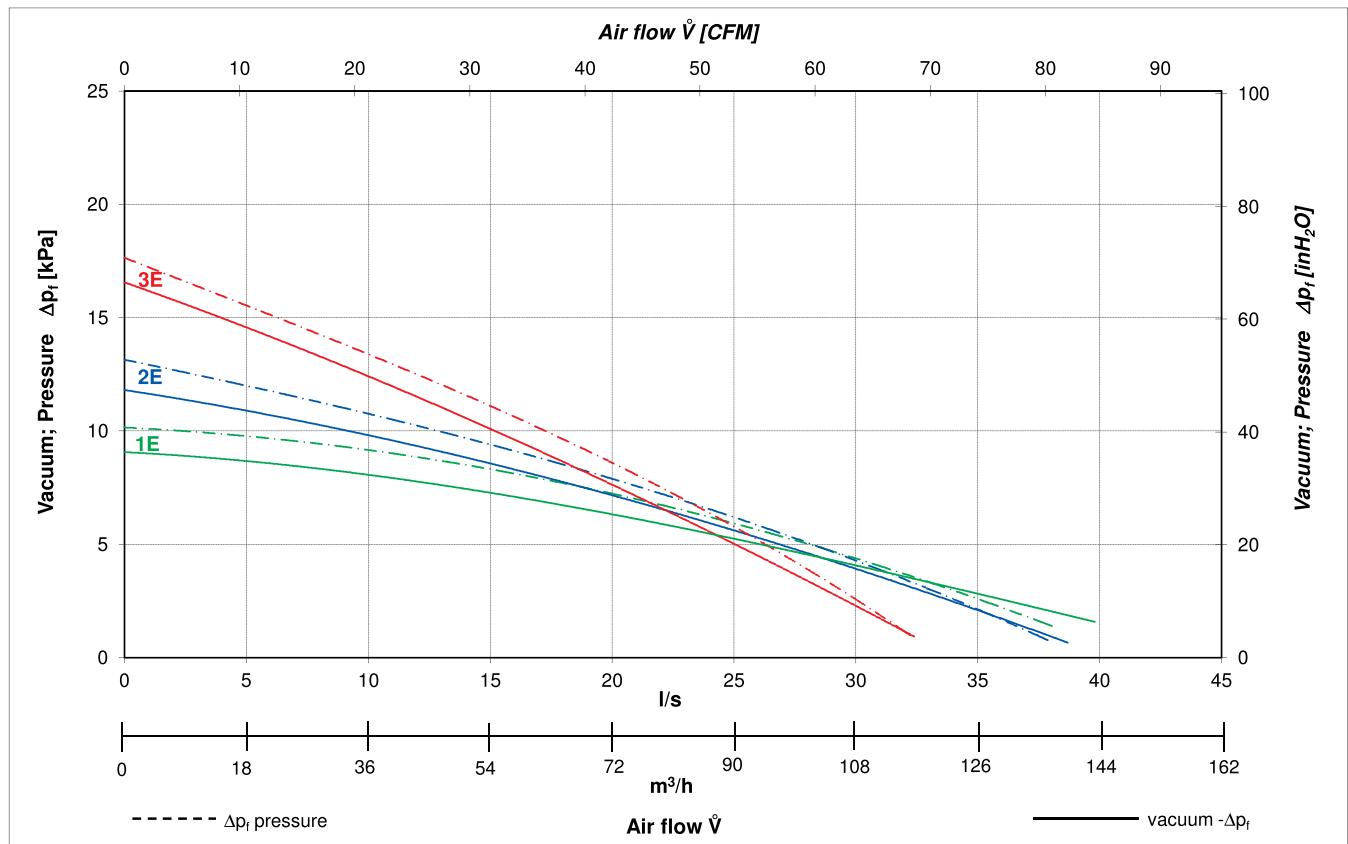
Dimensional and performance data are subject to change without notice.

Selection and ordering information for 120V/50Hz - TANGENTIAL DISCHARGE												
Code	Stage P / E	A		B		P1	Sealed Vacuum		Sealed Pressure		Max. air flow		Mass
	Curve	[mm]	[in]	[mm]	[in]	[W]	[kPa]	[inH2O]	[kPa]	[inH$_2$O]	[l/s]	[CFM]	[kg]
497.3.265-511	1P	29	1,14	133	5,24	1000	12,0	48,2	13,5	54,3	54,0	114,42	2,1
497.3.265-551	2P	54	2,13	158	6,22	1000	21,2	85,2	23,3	93,6	47,8	101,28	2,55
497.3.265-631	3P	81	3,19	184	7,24	1000	30,2	121,4	32,0	128,6	40,7	86,24	2,65
497.3.265-311	1E	29	1,42	133	5,24	450	9,0	36,2	10,1	40,6	42,1	89,2	2,1
497.3.265-352	2E	54	2,13	158	6,22	450	11,9	47,8	12,6	50,6	38,7	82,0	2,55
497.3.265-432	3E	81	3,19	184	7,24	450	16,9	67,9	17,7	71,1	33,1	70,1	2,65

Data above represent the performance of an average motor sample. Individual data may vary due to normal manufacturing variations.

450 W

1000 W