ARTITH VENTILATOR MACHINERY

www.artith.com

AXIAL DUCT FAN



ARTITH VENTILATORS LTD.,PART.

ART OF FANS

www.artith.com

email:contact@artith.com



amca INTERNATIONAL MEMBER

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www.artith.com

Artith Ventilators Ltd.,Part. Tel: 0-2509-3065 Fax: 0-2943-1814

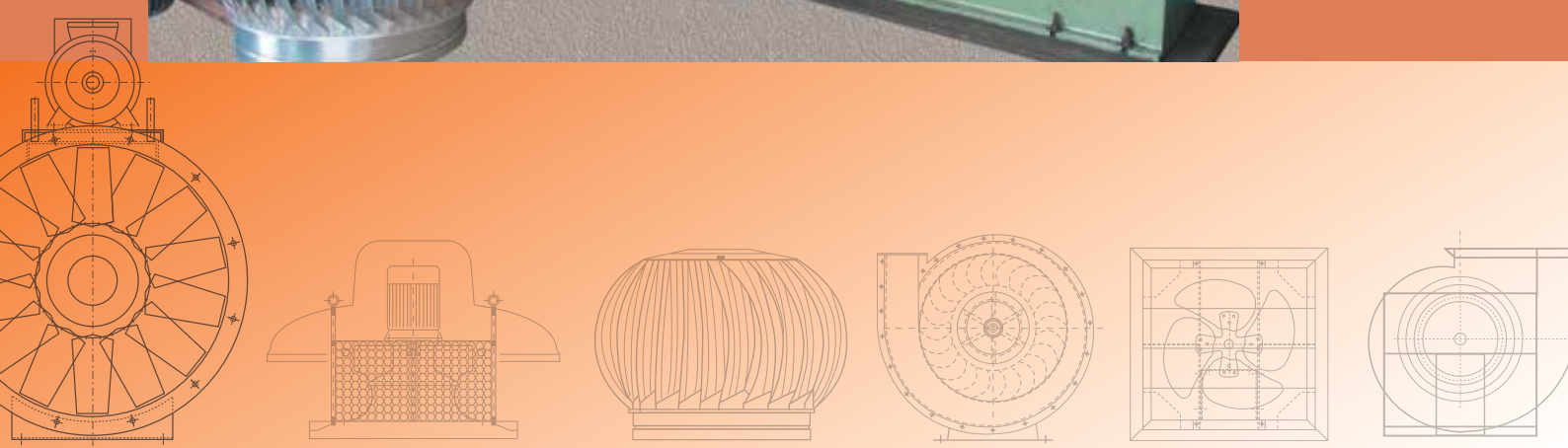


History

Artith was established since 1980 as the first shop in Thailand producing 12" diameter turbine ventilator under trade name of "Artith Ventilators" which was registered in the name of Artith Ventilators Ltd.,Part in 1984. For more than 25 years, Artith has been proven for high quality wind-turbine ventilators for industrial and household use.

The proven was shined **in 1993 with our expansion of establishment of "Artith Machinery Co.,Ltd."** to manufacture ventilation machinery including fan powered turbine ventilators, blowers, exhaust fans, centrifugal fans and duct fans continue with opened branch at Hadyai, Petchaburi and KhonKaen. Moreover, **we are now being AMCA member(The Air Movement and Control Association International, Inc.).**





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Axial Duct Fan

ARTITH also produces axial duct fans which can be used to induce air flow through ductwork. These fans are well suited for low-pressure ventilation systems

Motor in line Axial Fan (AV-E)



- Motor is positioned inside ductwork, in-line with the air flow
- Designed for use with clean air
- Designed for systems experiencing up to 60 ˚C
- Impeller sizes range from 250 mm. to 1000 mm.
- Produce volume flow rates of up to 1100 CMM
- Produce static pressures of up to 50 mm.Aq.

Axial Duct Fan : Belt Drive (AV-Exxx #B)

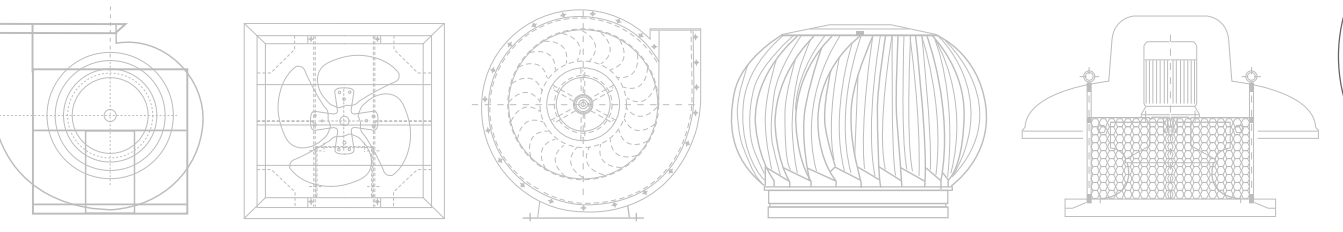


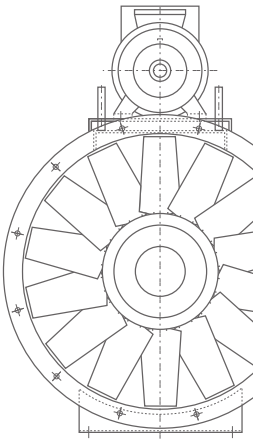
- Fans are belt-driven by an external motor
- External placement prevents motor corrosion and allows fan to handle particulate matter
- Impeller sizes range from 400 mm. to 1000 mm.
- Produce volume flow rates of up to 1100 CMM
- Produce static pressures of up to 40 mm.Aq.

Bifurcated Fan (AV-Exxx BF)



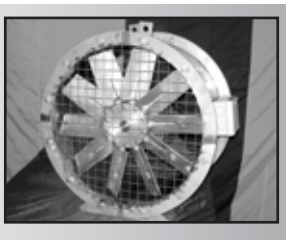
- In-line motor is encased in a separate housing making it ideal for transmitting gas, smoke, etc.
- Housing protects motor from heat
- Impeller sizes range from 300 mm. to 1000 mm.
- Produce volume flow rates of up to 1100 CMM
- Produce static pressures of up to 40 mm.Aq.





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Motor in line Axial Fan

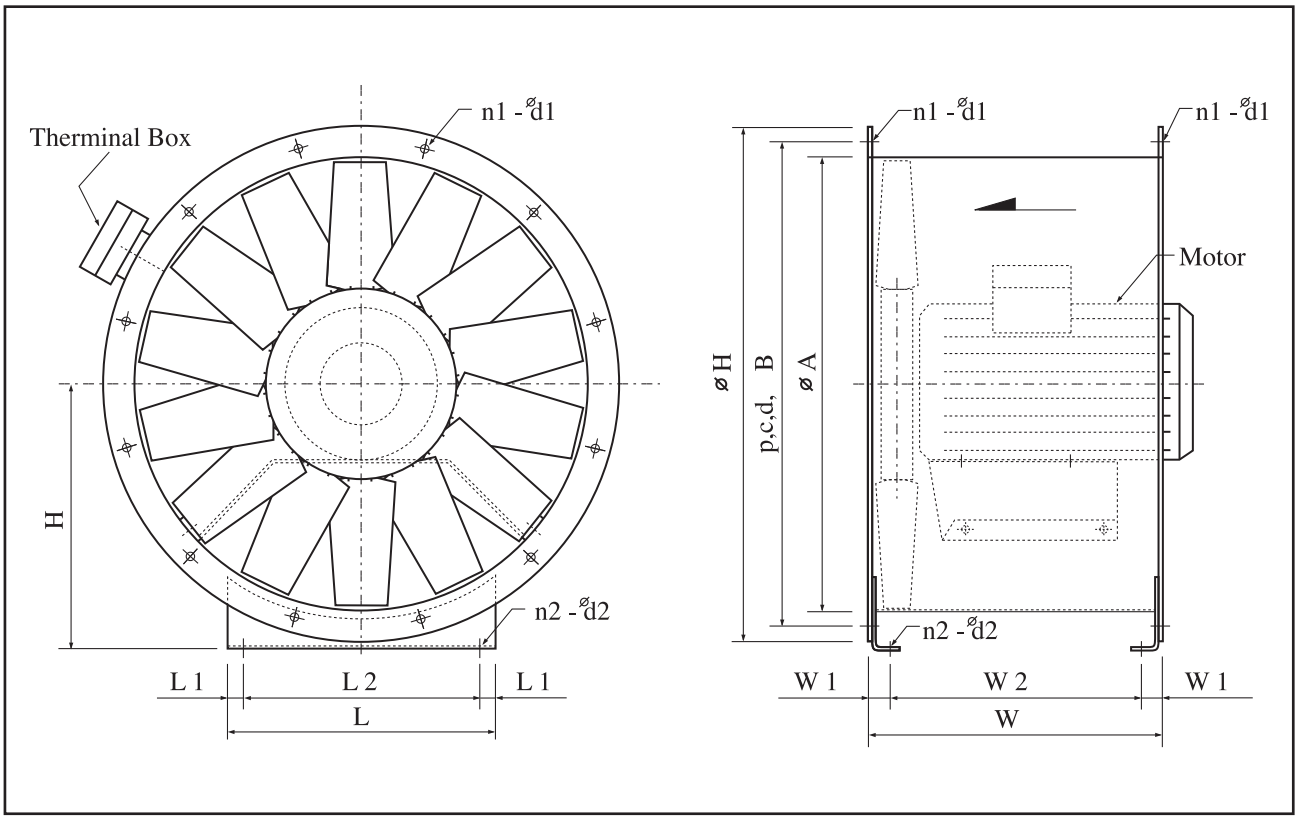


- Housing materials : Steel, Galvanized sheet, Stainless steel
- Impeller materials : Plastic, Aluminum or Steel

Applications:

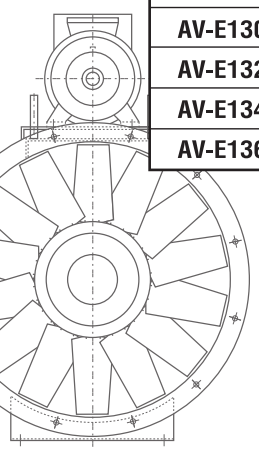
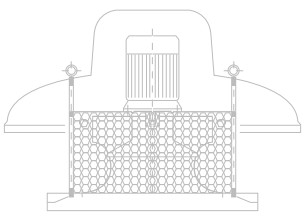
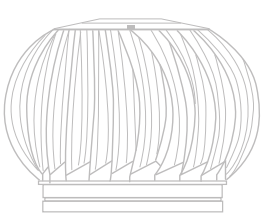
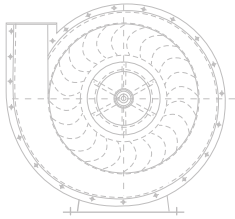
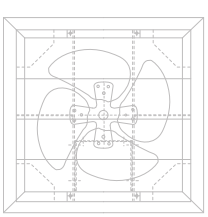
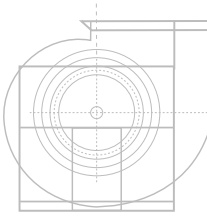
- Factory ventilation systems

Type AV-Exxx



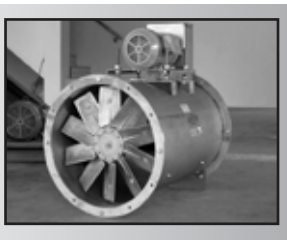
MODEL	MOTOR 3-Phase./380 V.		CAP. (CMM.)	SP. (mm.Aq)	⌀A	B	⌀C	L	L1	L2	W	W1	W2	H1	n1-⌀d1	n2-⌀d2
	Hp.	R.P.M.														
AV-E116	0.5-1	1450	30-80	1.5-7	400	440	476	250	15	220	275	20	235	250	12-⌀10	4-⌀10
AV-E120	0.5-2	1450	63-158	1.5-12	500	540	580	310	20	270	300	20	260	300	12-⌀12	4-⌀10
AV-E124	1-3	1450	115-280	2-16	600	640	680	350	20	310	380	20	340	350	12-⌀12	4-⌀10
AV-E128	2-5	1450	150-300	4-20	700	748	788	400	20	360	410	25	360	410	12-⌀12	4-⌀10
AV-E130	2-7.5	1450	150-350	5-30	750	795	840	440	25	390	450	27.5	395	440	12-⌀12	4-⌀10
AV-E132	2-7.5	1450	150-450	5-30	800	855	900	440	25	470	500	27.5	445	470	12-⌀12	4-⌀10
AV-E134	3-10	1450	250-500	10-30	850	905	950	540	25	490	560	27.5	505	495	16-⌀12	4-⌀12
AV-E136	3-15	1450	300-800	10-30	900	955	1000	600	25	550	620	27.5	565	520	16-⌀12	4-⌀12

** Dimension might be adjusted without notice*

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Axial Duct Fan : Belt Drive

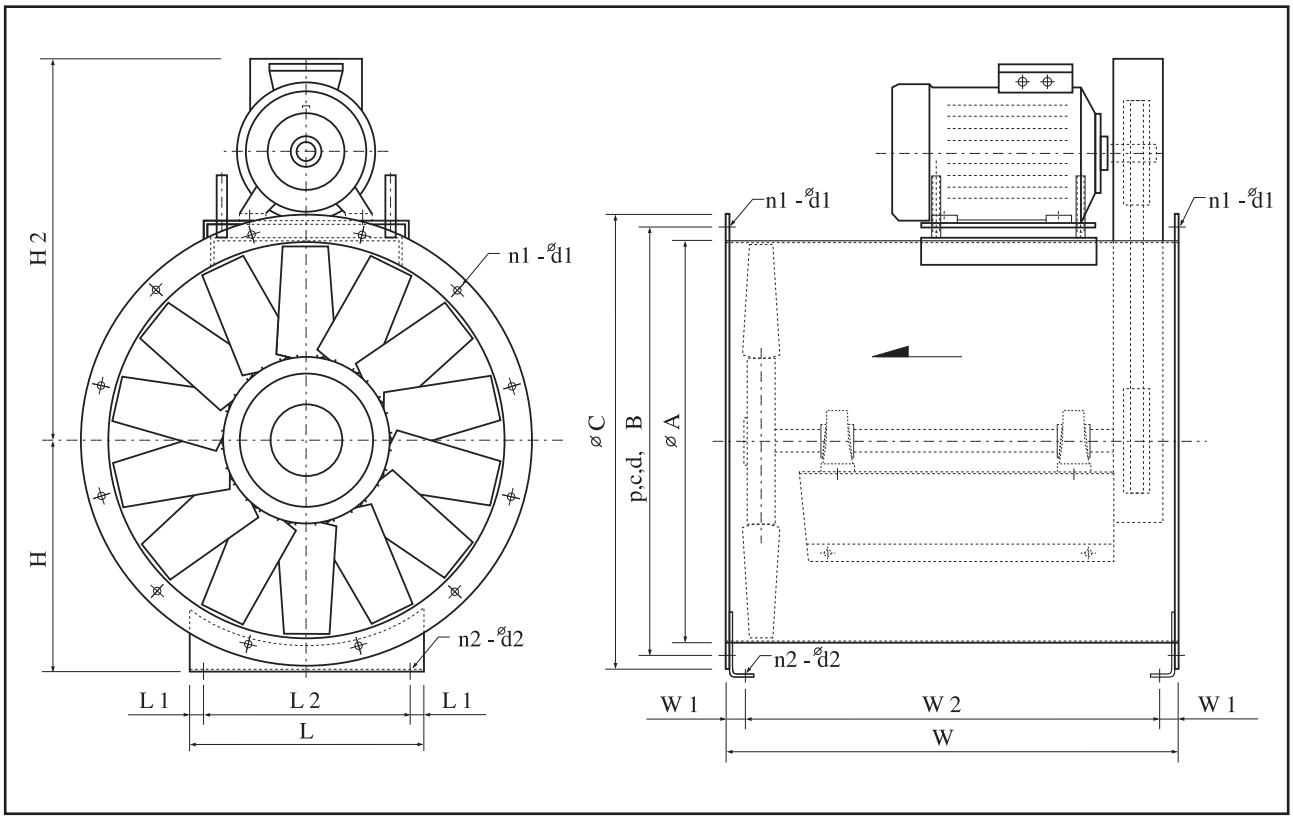


- Housing materials : Steel, Galvanized sheet or Stainless steel
- Impeller materials : Plastic, Aluminum or Steel

Applications:

- Duct ventilation systems
- Vacuuming polluted air

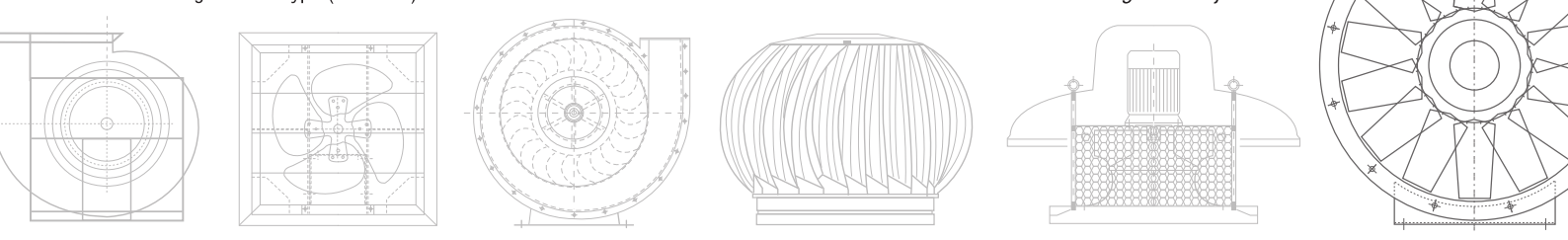
Type AV-Exxx #B



MODEL	MOTOR 3-Phase./380 V. Hp.	CAP. (CMM.)	SP. (mm.Aq)	⌀ A	B	⌀ C	L	L1	L2	W	W1	W2	H1	n1-⌀d1	n2-⌀d2
AV-E116#B	0.5-3	55-115	12-50	400	440	476	250	15	220	480	20	440	250	12-⌀10	4-⌀10
AV-E120#B	0.5-5	90-200	12-50	500	540	580	310	20	270	540	20	500	300	12-⌀12	4-⌀10
AV-E124#B	1.5-10	150-320	15-55	600	640	680	350	20	310	620	20	580	350	12-⌀12	4-⌀10
AV-E128#B	2-10	200-420	15-55	700	748	788	400	20	360	750	25	700	410	12-⌀12	4-⌀10
AV-E130#B	3-15	250-480	15-55	750	795	840	440	25	390	780	27.5	725	440	12-⌀12	4-⌀10
AV-E132#B	3-20	280-560	15-55	800	855	900	440	25	470	850	27.5	795	470	12-⌀12	4-⌀10
AV-E134#B	3-20	320-620	15-55	850	905	950	540	25	490	880	27.5	825	495	16-⌀12	4-⌀12
AV-E136#B	3-20	350-680	15-55	900	955	1000	600	25	550	920	27.5	865	520	16-⌀12	4-⌀12

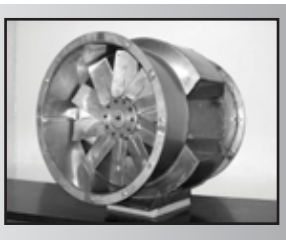
Bearing : Pillow Type (UCP 2XX)

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Bifurcated Fan

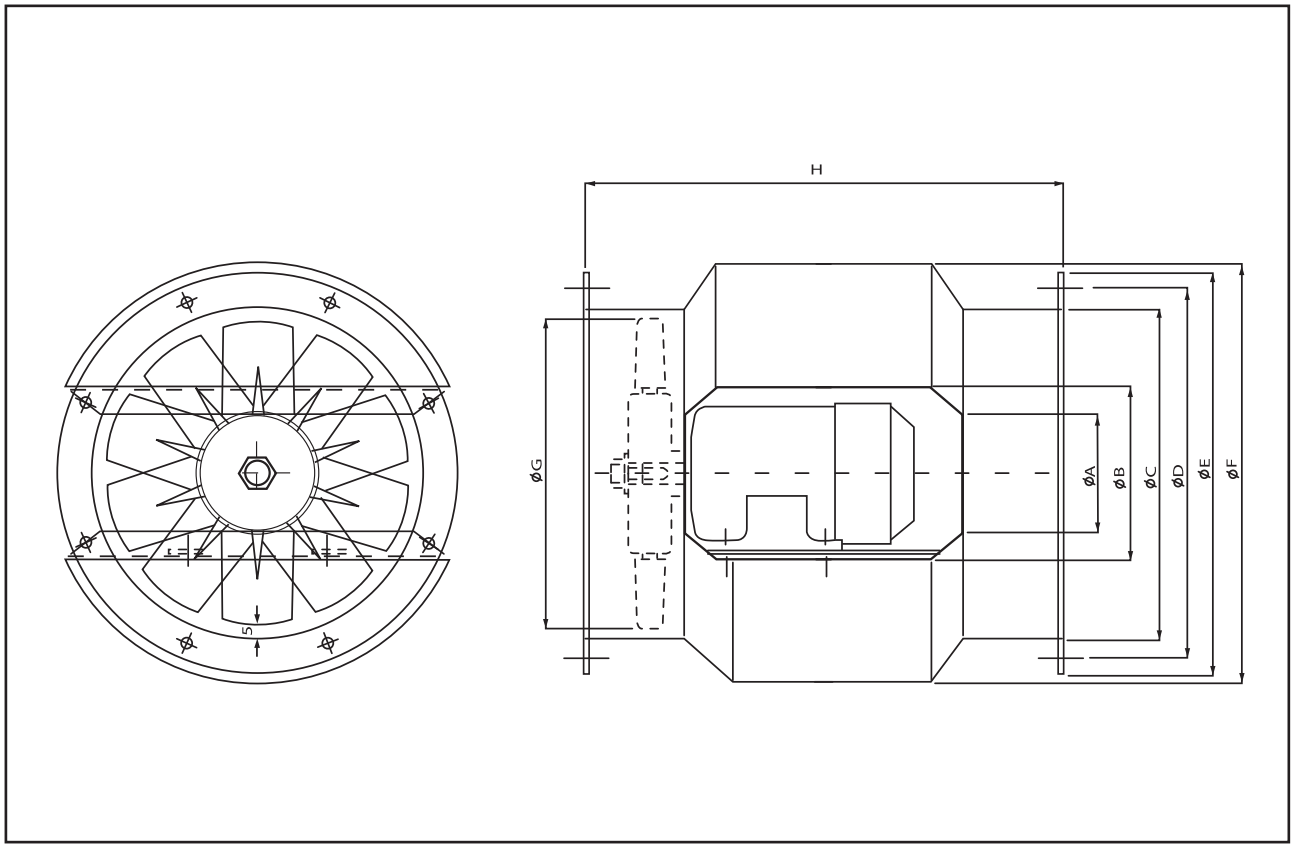


- Housing materials : Steel or Stainless steel
- Impeller materials : Plastic, Aluminum or Steel

Applications:

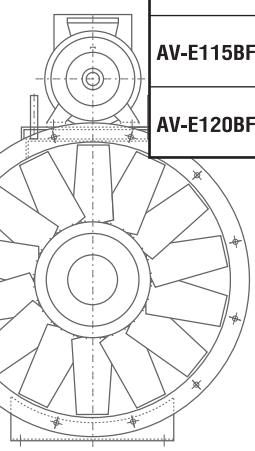
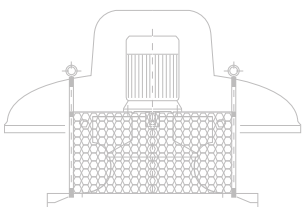
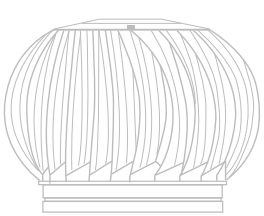
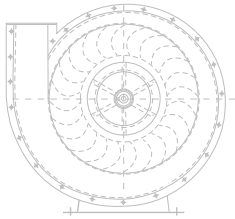
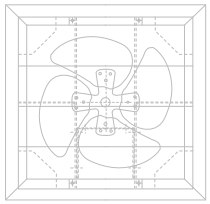
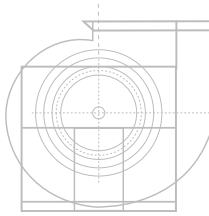
- Duct ventilation systems
- Vacuuming polluted air from wide area

Type AV-ExxxBF



TYPE	WHEEL (dia)		MOTOR		V.	SP. (mm.Aq.)	CFM.	CMM.	DIMENSION							
	mm.	inch.	HP.	RPM.					Ø A	Ø B	Ø C	Ø D	Ø E	Ø F	Ø G	H
AV-E112BF	290	11.5	0.5	2800	220/380	5	1300	36	108	158	300	334	360	380	290	430
AV-E115BF	380	15	1	2800	220/380	10	2000	56	130	204	400	434	464	480	380	450
AV-E120BF	490	19.3	2	2800	220/380	20	4200	117	150	275	500	540	560	700	490	600

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With the long experience together with latest machine and fully equipped factory supported by team of engineer and skillful sales team, we are particularly qualified and appreciated to advice, design and construct complete ventilation systems upon your request. **We are now ready to serve you need.**



Natural Roof Ventilator AV



Power Roof Ventilator AV-G



Agriculture Fan with Centrifugal Force AV-J



High Pressure AV-D1213



High Pressure 8 Stages



Industrial Vacuum # 1



Forward Curved Fan AV-A



Backward Curved Fan AV-B



Forward Curved Fan AV-F



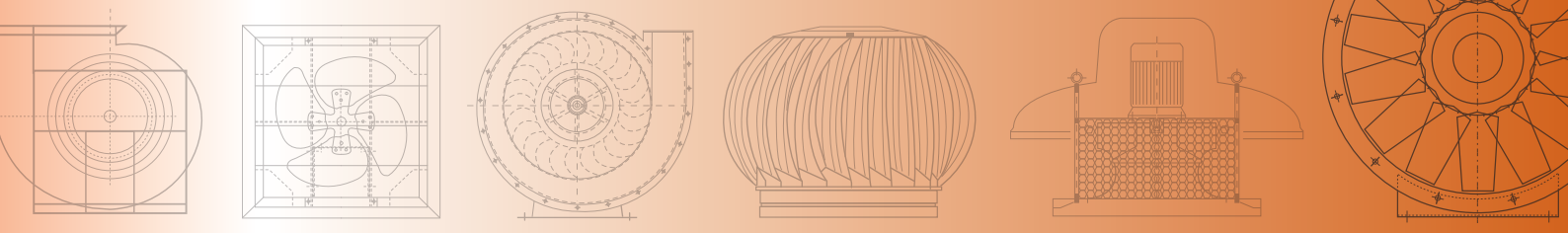
Sky Tube



Macadamia Nutcracker



Hummer Mill



We can provide further information on any of our products as well as help with customised equipment. We have the ability to adapt our products to your specific requirements.

ARTITH will be pleased to contact you and we are available in the following branches for your convenience.



Artith Machinery Co.,Ltd.

39/46-47 Moo 9, Kannayao, Kannayao, Bangkok 10230

Tel: 0-2509-3065, 0-2509-2884

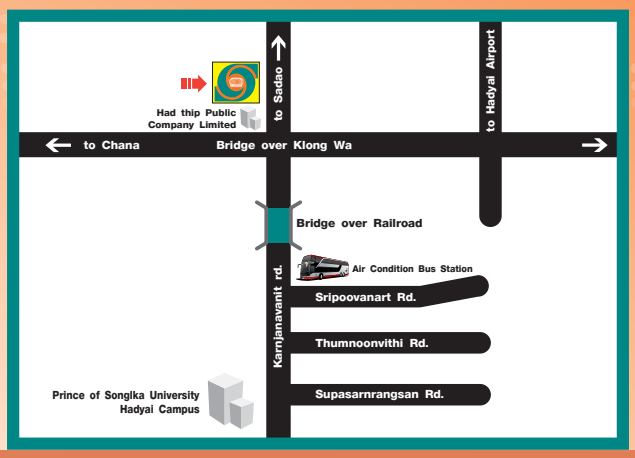
Fax: 0-2943-1814

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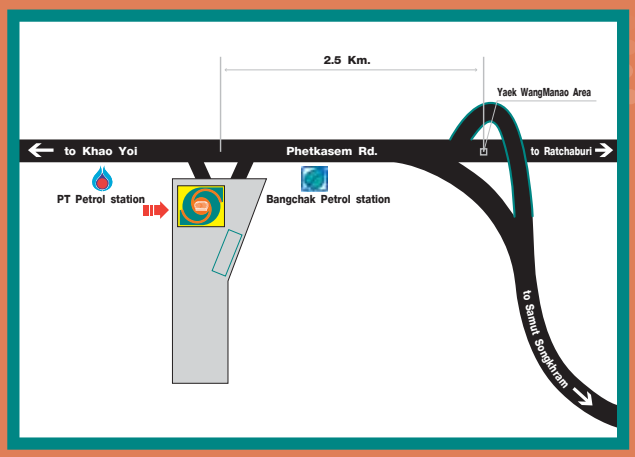


Artith Ventilators Ltd.,Part. (Hadyai Branch)

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Tel: 074-210-648, 074-439-091

Fax: 074-210-648

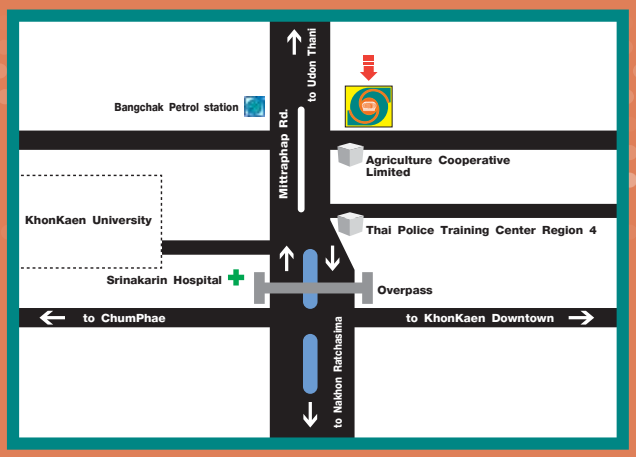


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Fax: 032-447-398



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