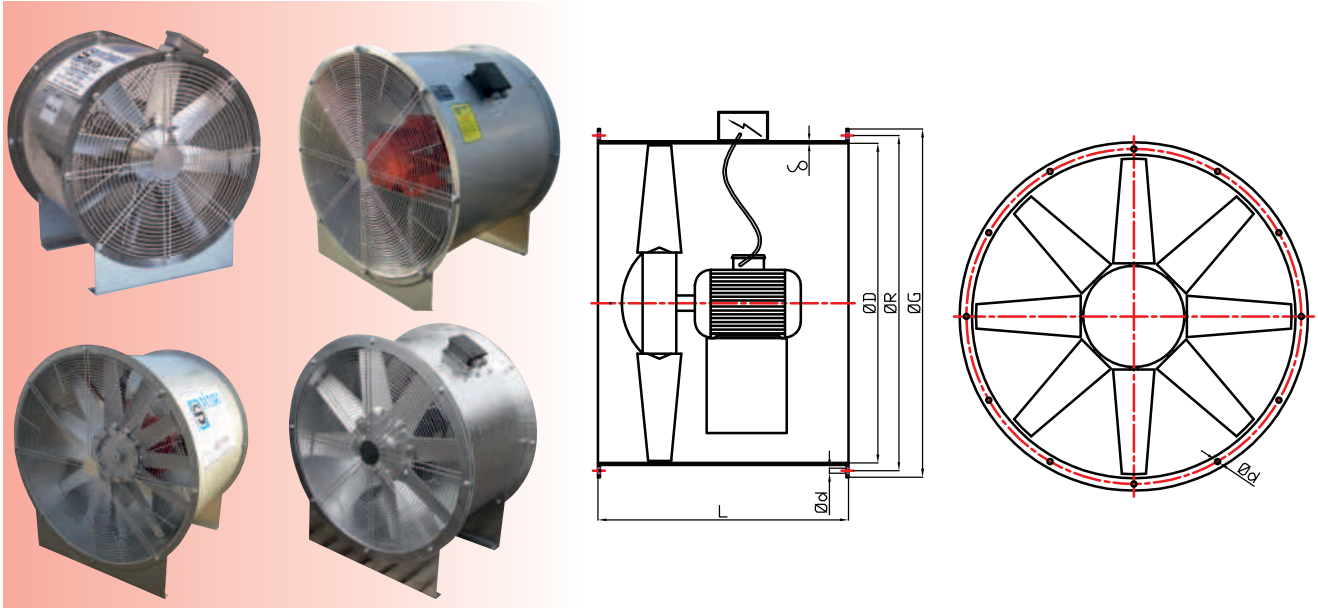


# SMOKE EXHAUST FAN SYSTEMS

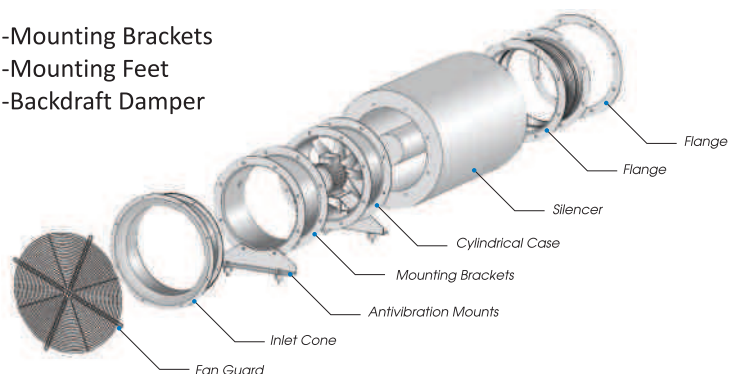


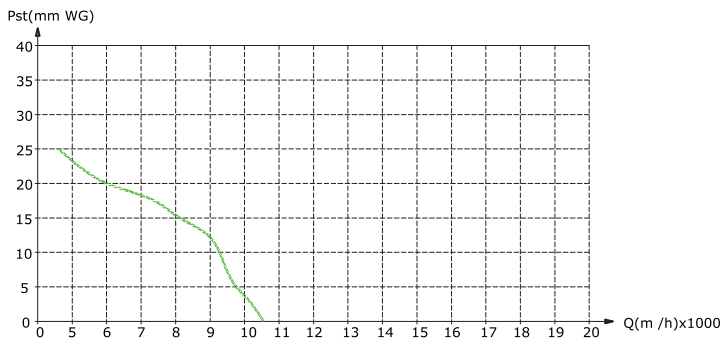


DIMENSIONS (mm)							
TYPE	ØD	ØR	ØG	L	δ	ØdxPcs	WEIGHT(KG) (MAX)
PWA 500	500	540	580	500	3	11,5(M10)x8	51KG
PWA 560	560	600	640	500	3	11,5(M10)x8	59KG
PWA 630	630	670	710	500	3	11,5(M10)x8	63KG
PWA 710	710	750	790	600	4	11,5(M10)x8	94KG
PWA 800	800	850	900	600	4	13,5(M14)x12	113KG
PWA 900	900	950	1000	600	4	13,5(M14)x12	135KG
PWA 1000	1000	1050	1100	750	5	13,5(M14)x12	282KG
PWA 1120	1120	1170	1220	750	5	13,5(M14)x12	300KG

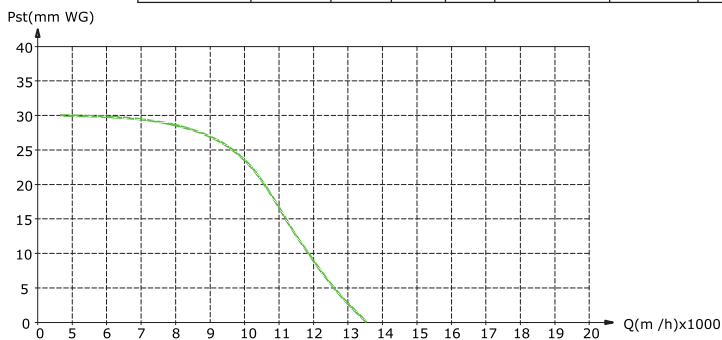
- Designed for emergency fire smoke exhaust applications.
- Low speed is used to perform general ventilation, High speed is activated in case of fire or high CO/CO2 concentration for quick smoke extraction.
- Volumes : Up to 250,000 m3/h
- Impeller : Aluminum Blade (Adjustable or Welded)
- Case Coating : Powder Paint or Hot dip galvanized on request
- Location : Internal or External
- Supply Voltage : 230/400V or 400/690V
- IP rating : IP55
- Emergency Temp.Rates: F200°C/2H -F300°C/2H- 400°C/2H (Optional)
- Tested and certified by BSRIA and APPLUS+ approved according to EN12101-3
- Diameters : 250 mm to 2000 mm
- Pressures : Up to 2000 Pa (Static)
- Case Style : Ducted Long or Short Wall Type Case or Roof Type
- Installation : Horizontal or Vertical
- Motor type : Single or Double speed
- Insulation Class : H class
- Temperature : -40°C to +50°C
- Standards : EN12101-3 -SFM Standards

- Accessories
  - Connector flange
  - Anti Vibration Insulation
  - Terminal Box
  - Protection Fan Guard
  - Counter Flange
  - Anti Vibration Insulation
  - Silencer
  - Inlet Cones
  - Mounting Brackets
  - Mounting Feet
  - Backdraft Damper

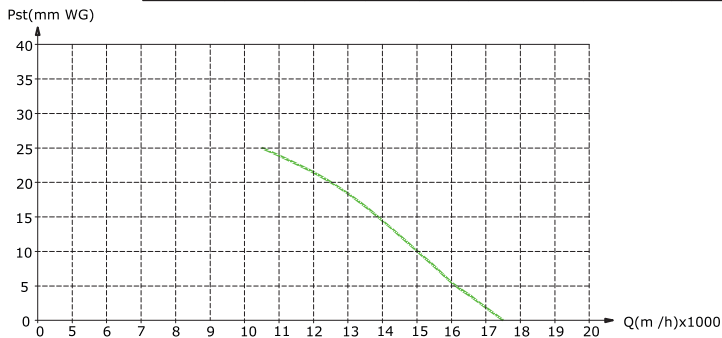




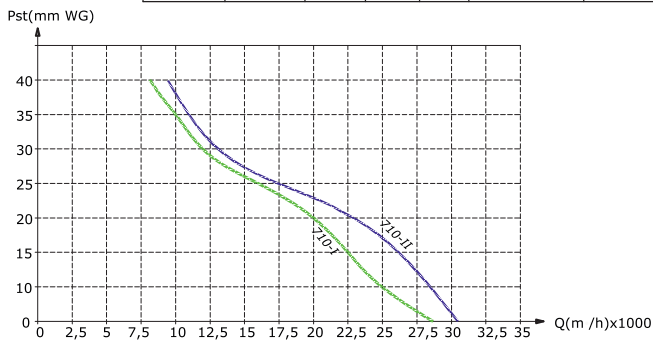
FAN TYPE	FAN DIA. (MM)	SPEED (RPM)	POWER		ELECTRICAL MOTOR TYPE	CURRENT	NOISE LEVEL db 3m/1m	AIR FLOW (M3/H) - STATIC PRESSURE (MMWG)								
			KW	HP				0	5	10	15	20	25	30		
PWA500	500	1500	0,75	1	80M	1,71	76/78	10500	9750	9300	8000	6000	3000			



FAN TYPE	FAN DIA. (MM)	SPEED (RPM)	POWER		ELECTRICAL MOTOR TYPE	CURRENT	NOISE LEVEL db 3m/1m	AIR FLOW (M3/H) - STATIC PRESSURE (MMWG)								
			KW	HP				0	5	10	15	20	25	30		
PWA560	560	1500	1,1	1,5	90S	2,56	78/82	13500	12600	11700	11000	10600	9650	3500		

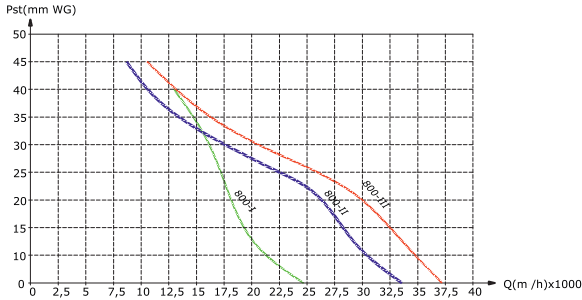


FAN TYPE	FAN DIA. (MM)	SPEED (RPM)	POWER		ELECTRICAL MOTOR TYPE	CURRENT	NOISE LEVEL db 3m/1m	AIR FLOW (M3/H) - STATIC PRESSURE (MMWG)								
			KW	HP				0	5	10	15	20	25	30		
PWA630	630	1500	2,2	3	100L	4,61	81/85	17500	16100	15000	13750	12500	10500			

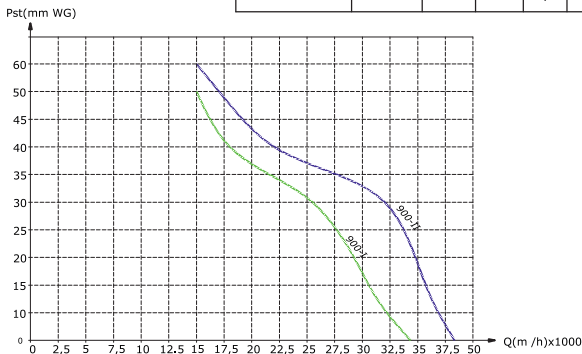


FAN TYPE	FAN DIA. (MM)	SPEED (RPM)	POWER		ELECTRICAL MOTOR TYPE	CURRENT	NOISE LEVEL db 3m/1m	AIR FLOW (M3/H) - STATIC PRESSURE (MMWG)								
			KW	HP				0	5	10	15	20	25	30	35	40
PWA710-I	710	1500	2,2	3	100L	4,61	85/87	28250	26250	25000	22250	20000	15500	12000	10000	7920
PWA710-II	710	1500	3	4	100L	5,94	85/87	30500	29000	28000	26000	22500	17500	13500	11000	9870

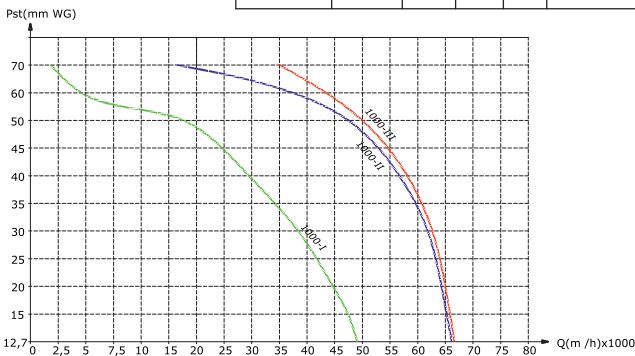




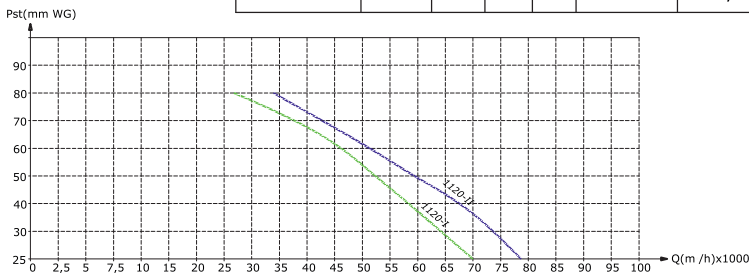
FAN TYPE	FAN DIA. (MM)	SPEED (RPM)	POWER		ELECTRICAL MOTOR TYPE	CURRENT	NOISE LEVEL db 3m/1m	AIR FLOW (M3/H) - STATIC PRESSURE (MMWG)							
			KW	HP				0	5	10	20	25	30	35	40
PWA800-I	800	1500	2,2	3	100L	4,61	85/87	24500	22500	21500	18000	17000	16250	14000	12960
PWA800-II	800	1500	3	4	100L	5,94	89/92	33000	31250	30000	26300	22500	17500	16000	15550
PWA800-III	800	1500	4	5,5	112M	7,62	90/92	37000	36400	34500	30000	25000	21250	19000	18000



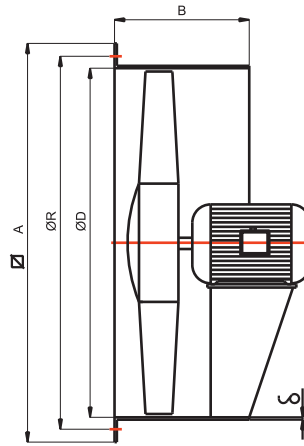
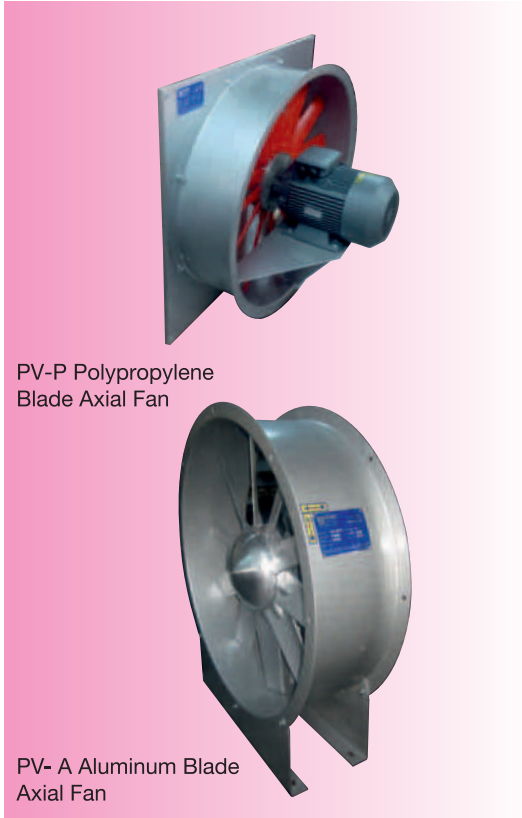
FAN TYPE	FAN DIA. (MM)	SPEED (RPM)	POWER		ELECTRICAL MOTOR TYPE	CURRENT	NOISE LEVEL db 3m/1m	AIR FLOW (M3/H) - STATIC PRESSURE (MMWG)						
			KW	HP				0	10	20	30	40	50	60
PWA900-I	900	1500	4	5,5	112M	7,62	90/93	34000	31800	29000	25500	18100	15000	
PWA900-II	900	1500	5,5	7,5	132S	10,6	90/94	42600	37000	34500	32000	22000	17000	15000



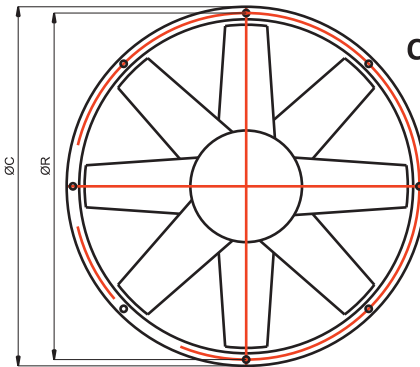
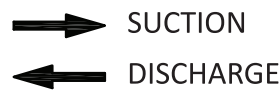
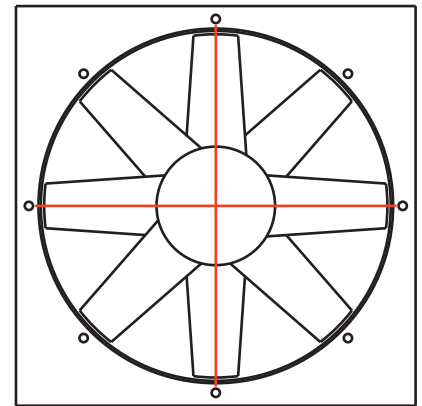
FAN TYPE	FAN DIA. (MM)	SPEED (RPM)	POWER		ELECTRICAL MOTOR TYPE	CURRENT	NOISE LEVEL db 3m/1m	AIR FLOW (M3/H) - STATIC PRESSURE (MMWG)							
			KW	HP				15	20	30	40	50	60	70	
PWA1000-I	1000	1500	7,5	10	132M	14,2	92/95	47500	44800	39000	32000	26000	17000	14000	
PWA1000-II	1000	1500	11	15	160M	21	92/95	66000	64000	62500	56000	47500	37500	16000	
PWA1000-III	1000	1500	15	20	160L	28,4	92/95	67500	65000	63500	57500	50000	40000	25000	



FAN TYPE	FAN DIA. (MM)	SPEED (RPM)	POWER		ELECTRICAL MOTOR TYPE	CURRENT	NOISE LEVEL db 3m/1m	AIR FLOW (M3/H) - STATIC PRESSURE (MMWG)							
			KW	HP				25	30	40	50	60	70	80	90
PWA1120-I	1120	1500	11	15	100M	21	96/97	70000	64500	58500	52500	46000	37500	26000	
PWA1120-II	1120	1500	15	20	160L	28,4	97/98	79000	74000	67500	59000	52000	43000	34500	



SQUARE FRAME

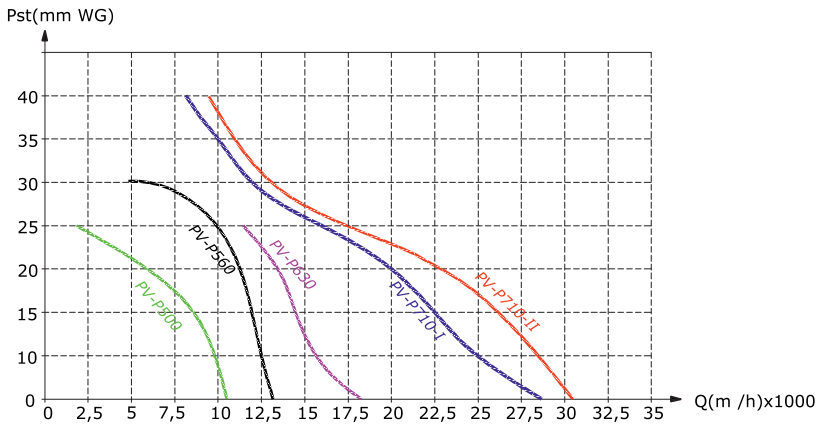


CIRCULAR FRAME

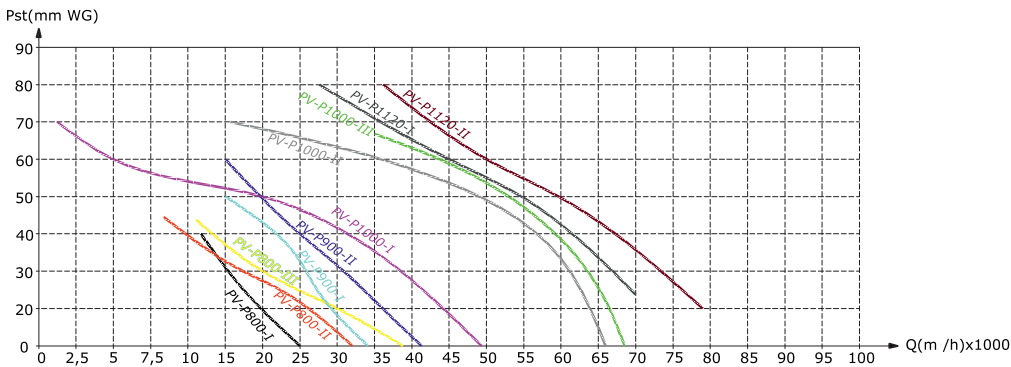
DIMENSIONS (mm)							WEIGHT(KG) (MAX)
TYPE	ØD	ØR	ØC	□ A	B	δ	
PV500	500	545	590	590	150	3	57
PV560	560	650	650	650	150	3	66
PV630	630	710	710	720	200	3	71
PV710	710	790	790	800	250	4	80
PV800	800	890	890	900	300	4	96
PV900	900	990	990	1000	350	4	108
PV1000	1000	1090	1090	1100	400	5	245
PV1120	1120	1180	1210	1220	400	5	260

- Short case square or circular type wall type axial fans
- Sizes From 500 to 1120 mm
- Square wall type axial fan. Direct assembling to wall
- Square or circular flanges supplied on the fan side, enables easy direct coupling to the application area
- Short casing covers impeller section
- 380V - 50 Hz - standard motors
- Accessories are available and optional

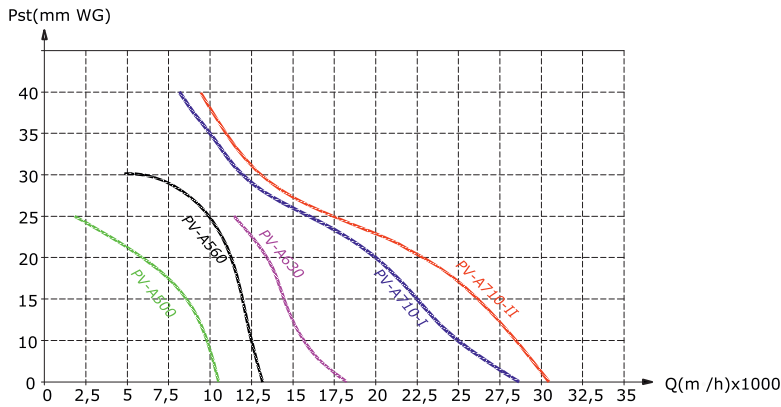




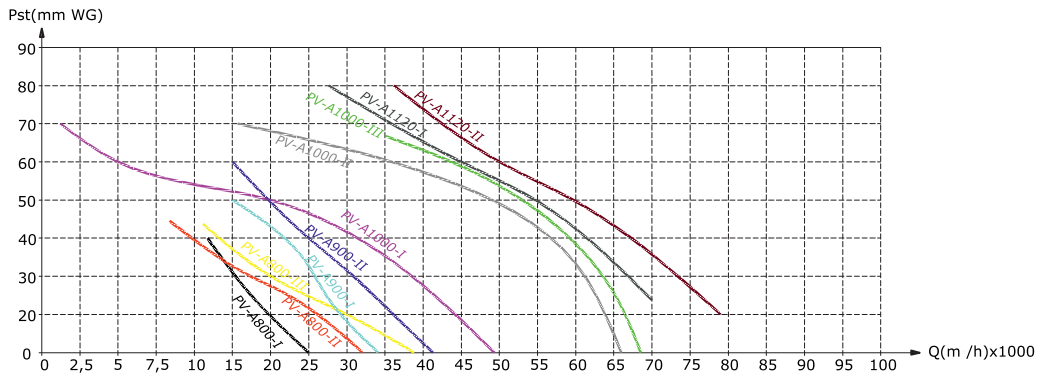
FAN TYPE	FAN DIA. (MM)	SPEED (RPM)	POWER		ELECTRICAL MOTOR TYPE	CURRENT	NOISE LEVEL db 3m/1m	AIR FLOW (M3/H) - STATIC PRESSURE (MMWG)											
			KW	HP				0	5	10	15	20	25	30	35	40			
PV-P500	500	1500	0,75	1	80M	1,71	76/78	10500	9750	9300	8000	6000	3000						
PV-P560	560	1500	1,1	1,5	90S	2,56	78/82	13500	12600	11700	11000	10600	9650	3500					
PV-P630	630	1500	2,2	3	100L	4,61	81/85	17500	16100	15000	13750	12500	10500						
PV-P710-I	710	1500	2,2	3	100L	4,61	85/87	28250	26250	25000	22250	20000	15500	12000	10000	7920			
PV-P710-II	710	1500	3	4	100L	5,94	85/87	30500	29000	28000	26000	22500	17500	13500	11000	9870			



FAN TYPE	FAN DIA. (MM)	SPEED (RPM)	POWER		ELECTRICAL MOTOR TYPE	CURRENT	NOISE LEVEL db 3m/1m	AIR FLOW (M3/H) - STATIC PRESSURE (MMWG)															
			KW	HP				0	5	10	15	20	25	30	35	40	50	60	70	80			
PV-P800-I	800	1500	2,2	3	100L	4,61	85/87	24500	22500	21500	21000	18000	17000	16250	14000	12960							
PV-P800-II	800	1500	3	4	100L	5,94	89/92	33000	31250	30000	28300	26300	22500	17500	16000	15550							
PV-P800-III	800	1500	4	5,5	112M	7,62	90/92	37000	36400	34500	33000	30000	25000	21250	19000	18000							
PV-P900-I	900	1500	4	5,5	112M	7,62	90/93	34000		31800	31500	29000	27000	25500		18100	15000						
PV-P900-II	900	1500	5,5	7,5	132S	10,6	90/94	42600		37000	36000	34500	33000	32000		22000	17000	15000					
PV-P1000-I	1000	1500	7,5	10	132M	14,2	92/95					47500	44800	43000	39000		32000	26000	17000	14000			
PV-P1000-II	1000	1500	11	15	160M	21	92/95					66000	64000	63500	62500		56000	47500	37500	16000			
PV-P1000-III	1000	1500	15	20	160L	28,4	92/95					67500	65000	64000	63500		57500	50000	40000	25000			
PV-P1120-I	1120	1500	11	15	100M	21	96/97							70000	64500		58500	52500	46000	37500	26000		
PV-P1120-II	1120	1500	15	20	160L	28,4	97/98							79000	74000		67500	59000	52000	43000	34500		



FAN TYPE	FAN DIA. (MM)	SPEED (RPM)	POWER		ELECTRICAL MOTOR TYPE	CURRENT	NOISE LEVEL db 3m/1m	AIR FLOW (M3/H) - STATIC PRESSURE (MMWG)											
			KW	HP				0	5	10	15	20	25	30	35	40			
PV-A500	500	1500	0,75	1	80M	1,71	76/78	10500	9750	9300	8000	6000	3000						
PV-A560	560	1500	1,1	1,5	90S	2,56	78/82	13500	12600	11700	11000	10600	9650	3500					
PV-A630	630	1500	2,2	3	100L	4,61	81/85	17500	16100	15000	13750	12500	10500						
PV-A710-I	710	1500	2,2	3	100L	4,61	85/87	28250	26250	25000	22250	20000	15500	12000	10000	7920			
PV-A710-II	710	1500	3	4	100L	5,94	85/87	30500	29000	28000	26000	22500	17500	13500	11000	9870			



FAN TYPE	FAN DIA. (MM)	SPEED (RPM)	POWER		ELECTRICAL MOTOR TYPE	CURRENT	NOISE LEVEL db 3m/1m	AIR FLOW (M3/H) - STATIC PRESSURE (MMWG)														
			KW	HP				0	5	10	15	20	25	30	35	40	50	60	70	80		
PV-A800-I	800	1500	2,2	3	100L	4,61	85/87	24500	22500	21500	21000	18000	17000	16250	14000	12960						
PV-A800-II	800	1500	3	4	100L	5,94	89/92	33000	31250	30000	28300	26300	22500	17500	16000	15550						
PV-A800-III	800	1500	4	5,5	112M	7,62	90/92	37000	36400	34500	33000	30000	25000	21250	19000	18000						
PV-A900-I	900	1500	4	5,5	112M	7,62	90/93	34000		31800	31500	29000	27000	25500		18100	15000					
PV-A900-II	900	1500	5,5	7,5	132S	10,6	90/94	42600		37000	36000	34500	33000	32000		22000	17000	15000				
PV-A1000-I	1000	1500	7,5	10	132M	14,2	92/95				47500	44800	43000	39000		32000	26000	17000	14000			
PV-A1000-II	1000	1500	11	15	160M	21	92/95				66000	64000	63500	62500		56000	47500	37500	16000			
PV-A1000-III	1000	1500	15	20	160L	28,4	92/95				67500	65000	64000	63500		57500	50000	40000	25000			
PV-A1120-I	1120	1500	11	15	100M	21	96/97							70000	64500	58500	52500	46000	37500	26000		
PV-A1120-II	1120	1500	15	20	160L	28,4	97/98							79000	74000	67500	59000	52000	43000	34500		



MANUFACTURER :



**HEATING - VENTILATION - AIR CONDITIONING SYSTEMS**  
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**Tel:** +90 (212) 428 18 85 (Pbx) **Fax:** +90 (212) 428 16 61  
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AGENT IN KUWAIT :

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**TEL: 24820083 / 7**  
**FAX: 24820085**



وكيل في الكويت:  
 شركة التفوق العالمي - الكويت  
 ص.ب: ١٤٦٥ الصفاة ١٣٠١٥  
 هاتف: ٧/٢٤٨٢٠٠٨٣  
 فاكس: ٢٤٨٢٠٠٨٥

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