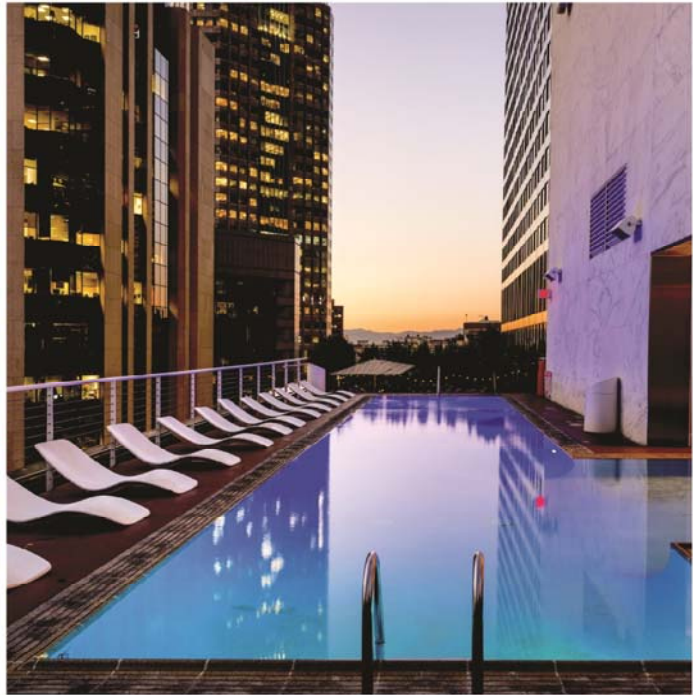


**DDP
Series**



Direct Drive Cabinet Fan Plug Fan Inside





Photo shown above is with optional items: double skin panel, flexible connection and inlet spigot

Direct Drive Cabinet Fan Plug Fan Inside

Introduction

DDP Series is specially designed for residential and commercial application, it produces high air volume at high static with low operating noise

Suitable for:

Condominium	Office	Restaurant
Kitchen	Meeting room	Dining room
Toilet	Toilet	Kitchen

Range

- Single Phase Model : DDPE 355, DDPE 400, DDPE 450 & DDPE 500
- Three Phase Model : DDPD 400, DDPD 450, DDPD 500, DDPD 560, DDPD 630 & DDPD 710

Features

- This series come with 3 speeds **SINGLE PHASE** condenser motor OR **THREE PHASE** induction motor, hence , it provides the widest range to meet with modern ventilation requirement
- Motor can be mounted inside or outside air stream (separate compartment) to cater for various applications
- Suitable for installation with duct
- In line or 3 discharge outlets (right, left, top) are available for easy site installation
- Compact in size

Specification

Casing

- Material: GI sheet metal
- Optional Items:
 - 1) 1" double skin PU panel
 - 2) Internal insulation with open cell NBR/PE for sound attenuation

Motor

DDPE - Single Phase Model

- 3 speeds condenser motor
- Permanently lubricate ball bearing
- Built-in internal protective device
- Insulation : Class F
- IP 55
- Designed to operate in ambient temperature up to 40° C

Impeller

- Material:
 - Aluminium (DDPE355, DDPE/DDPD450)
 - GI Steel Sheet (Other Models)
- Type: Plug Fan

DDPD - Three Phase Model

- TEAO induction motor
- Insulation : Class F
- IP 55

Accessories (optional)

Inlet Grille



- GR06 (For 6" Duct)
- GR08 (For 8" Duct)

Inlet Grille



- GAQ 04 (For 4" Duct)
- GAQ 06 (For 6" Duct)

Inlet Grille



- GRS06 (For 6" Duct)
- GRS08 (For 8" Duct)

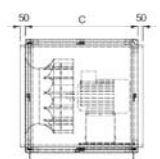
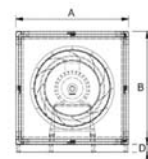
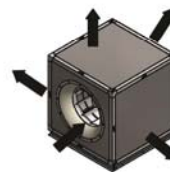
Outlet Grille



- GA4CG (For 4" Duct)
- GA6CG (For 6" Duct)

Dimension (mm)

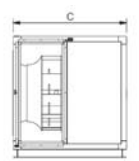
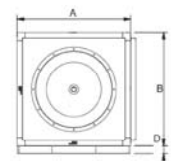
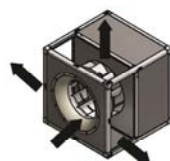
DDP



Front View

Side View

DDP - SC (Cabinet with separate compartment for motor)



Front View

Side View

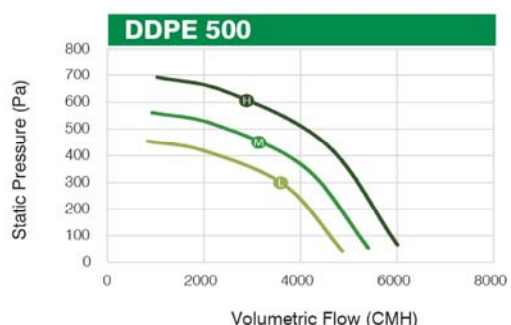
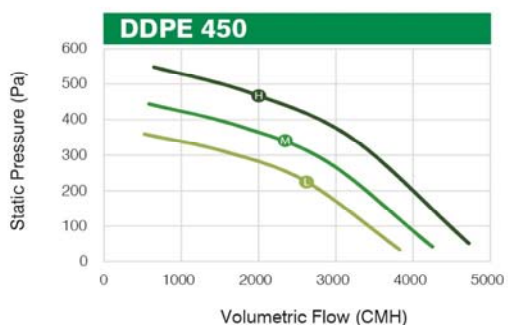
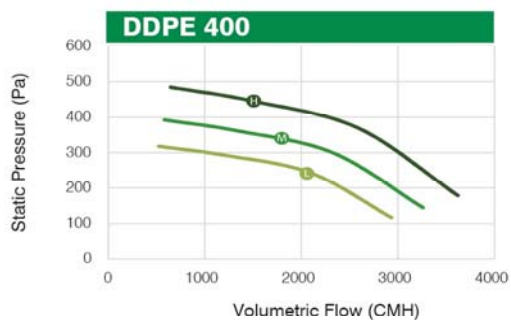
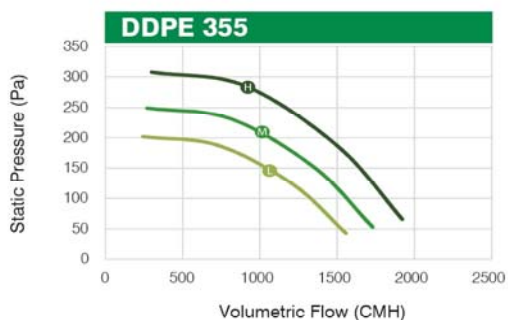
Model	A	B	C	D	Outlet Dimension W x H
DDPE 355	530	530	500	50	150 x 470
DDPE 400	670	670	550	50	200 x 590
DDPE 450	670	670	550	50	200 x 590
DDPE 500	750	750	550	50	206 x 670
DDPD 400	670	670	600	50	200 x 590
DDPD 450	670	670	600	50	200 x 590
DDPD 500	750	750	600	50	206 x 670
DDPD 560	840	840	920	75	456 x 740
DDPD 630	950	950	1050	75	471 x 850
DDPD 710	1070	1070	1270	75	630 x 970

Note: Dimension subject to change without prior notice

Performance Curves

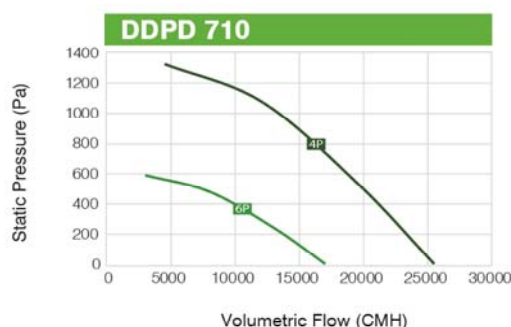
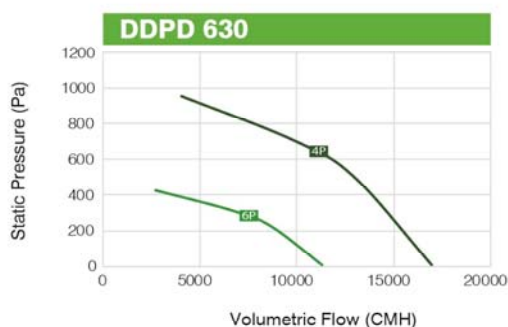
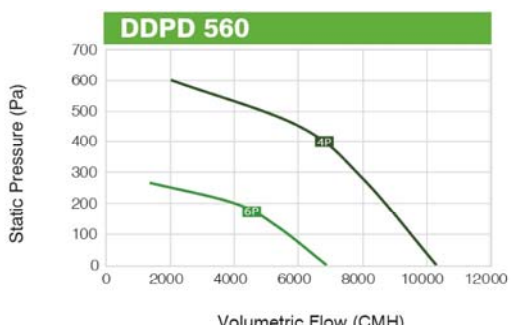
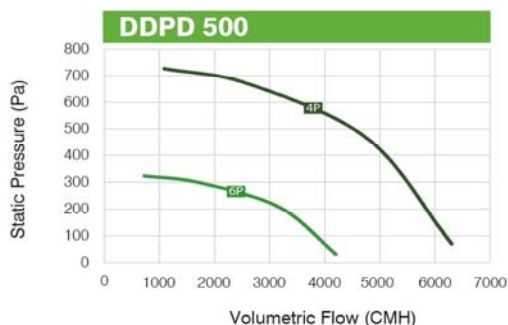
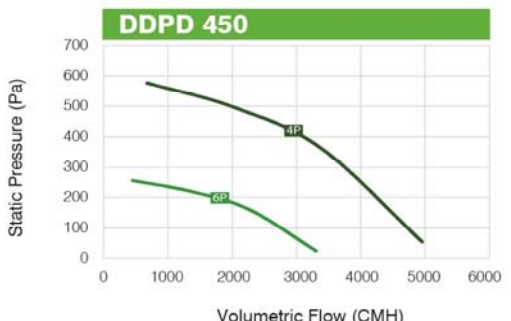
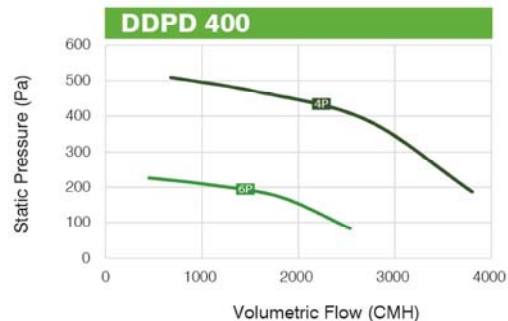
DDPE - Single Phase Model

Fan Speed (RPM) : **H** = High **M** = Medium **L** = Low



DDPD - Three Phase Model

4P = 4 Pole **6P** = 6 Pole



Technical Data

DDPE - Single Phase Model

Particular	DDPE 355			DDPE 400			DDPE 450			DDPE 500		
	High	Medium	Low	High	Medium	Low	High	Medium	Low	High	Medium	Low
Speed												
Volt/Phase/Hz	230/1/50											
Motor Power (W)	240			660			660			660		
Airflow (CMH) @ Free Flow	1920	1728	1555	3618	3257	2931	4717	4245	3821	6003	5403	4862
Amps (A)	1.84	1.3	0.95	5.91	3.89	3.51	5.91	3.89	3.51	5.91	3.89	3.51
RPM	1393	1169	830	1418	1198	1005	1418	1198	1005	1418	1198	1005
Sound Pressure dB(A) @3m	54	51	48	56	53	50	64	61	58	67	64	61
Weight (kg)	49			68			67			74		

DDPD - Three Phase Model

Particular	DDPD 400		DDPD 450		DDPD 500	
	1440	960	1440	960	1440	960
Speed (RPM)						
Volt/Phase/Hz	400/3/50					
Motor Power (kW)	0.55	0.37	0.75	0.37	1.10	0.37
Airflow (CMH) @ Free Flow	3799	2533	4953	3302	6303	4202
Sound Pressure dB(A) @3m	58	48	65	55	66	56
Weight (kg)	71	72	71	71	84	79

Particular	DDPD 560		DDPD 630		DDPD 710	
	1440	960	1440	960	1440	960
Speed (RPM)						
Volt/Phase/Hz	400/3/50					
Motor Power (kW)	3.00	1.10	5.50	2.20	11.0	3.00
Airflow (CMH) @ Free Flow	10310	6873	17000	11333	25500	17000
Sound Pressure dB(A) @3m	58	48	60	50	68	58
Weight (kg)	153	138	202	179	299	253

GTG Industries Sdn Bhd

(912584-W)

No. 13, Jalan Astaka U8/88B,
 Seksyen U8, Bukit Jelutong,
 40150 Shah Alam, Selangor, Malaysia
 TEL +603-78590213/0216/0217 FAX +603-78590218
 EMAIL inquiry@gtg.com.my WEBSITE www.gtg.com.my



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