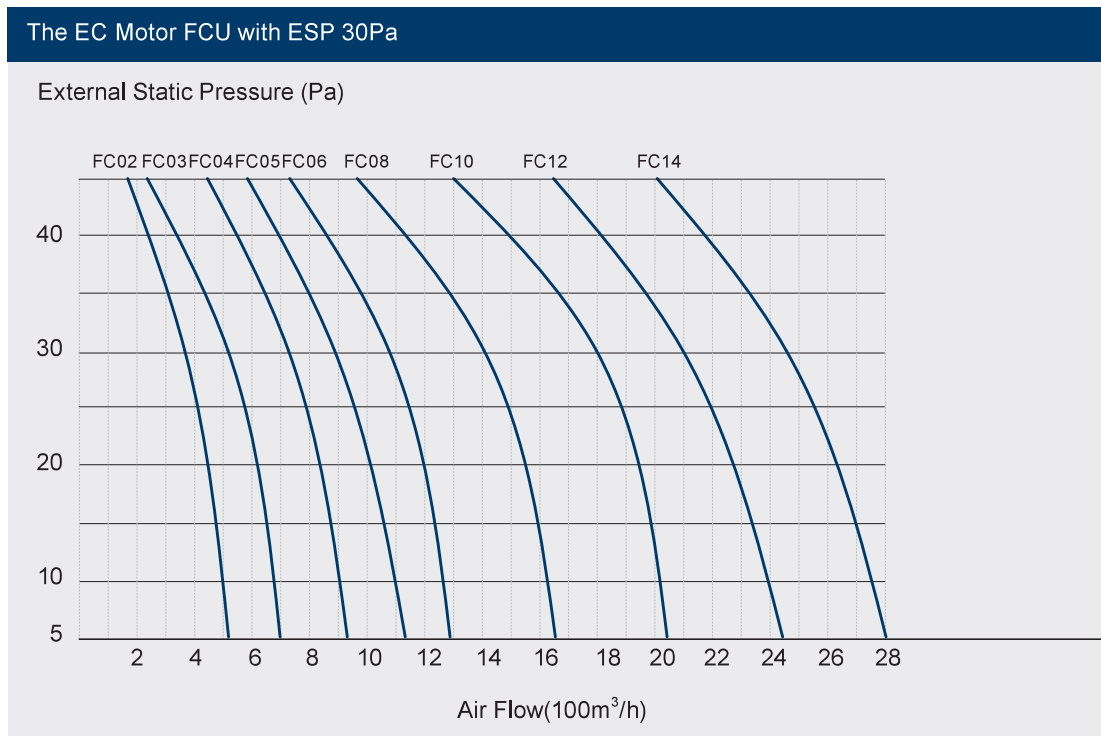
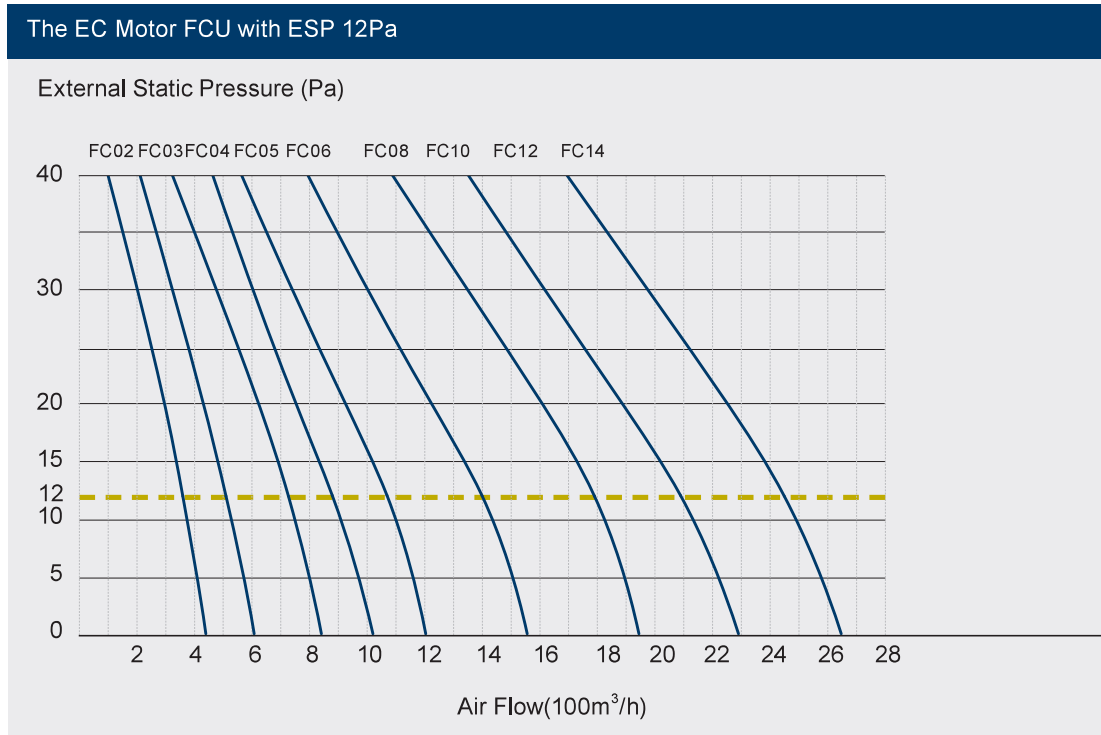
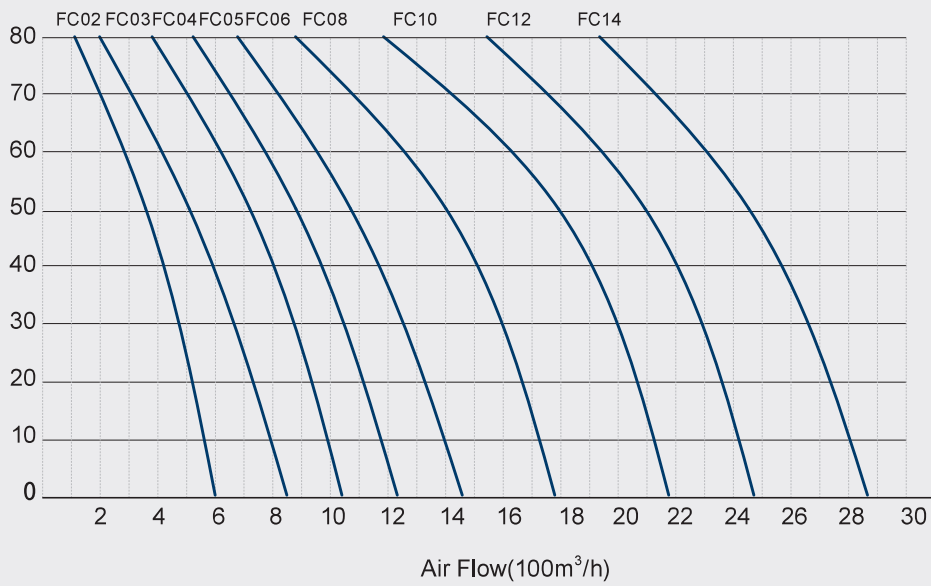


Fan Curve



The EC Motor FCU with ESP 50Pa

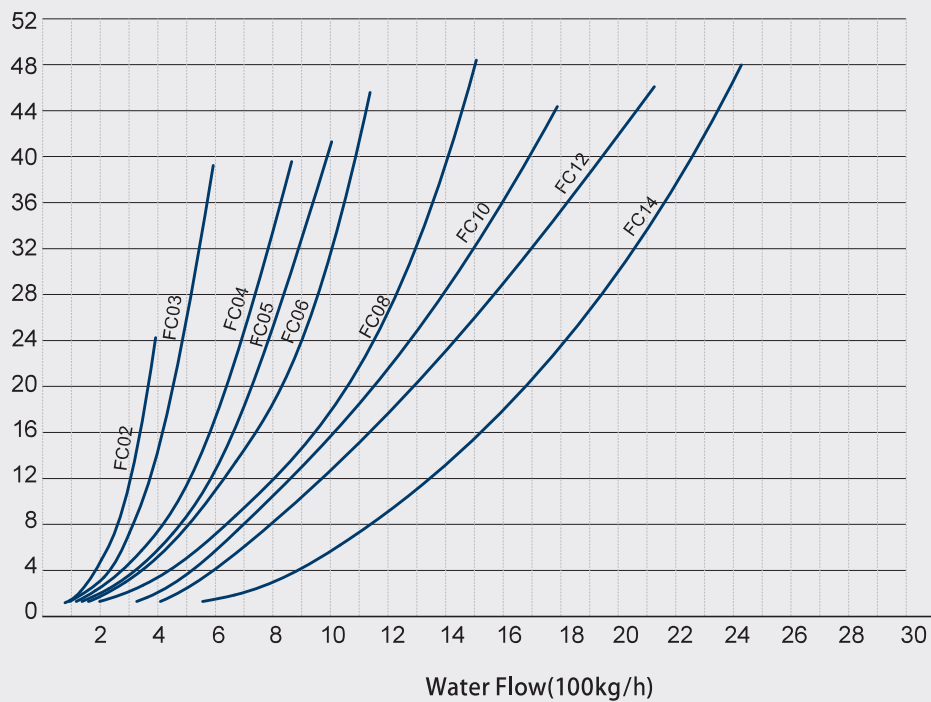
External Static Pressure (Pa)



Water Flow-Pressure Drop

The EC Motor FCU

Water Pressure Drop (kPa)



Correction Factors

Cooling Capacity Correction Factors

EWT (°C)	5	6	7	8	9	10	11	12
Correction Factor	1.15	1.07	1	0.92	0.85	0.77	0.7	0.62

Note: air side condition, entering DB 27°C, WB 19.5°C.

Heating Capacity Correction Factors

EWT (°C)	35	40	45	50	55	60	65	70
Correction Factor	0.36	0.49	0.62	0.74	0.87	1	1.13	1.26

Note: air side condition, entering DB 21°C.

Cooling Capacity Correction Factors Based on Different Ambient Conditions

WB (°C)	DB (°C)	24	25	26	27	28	29	30
17		0.76						
18			0.85					
19				0.94				
19.5					1			
20						1.06		
21							1.15	
22								1.25

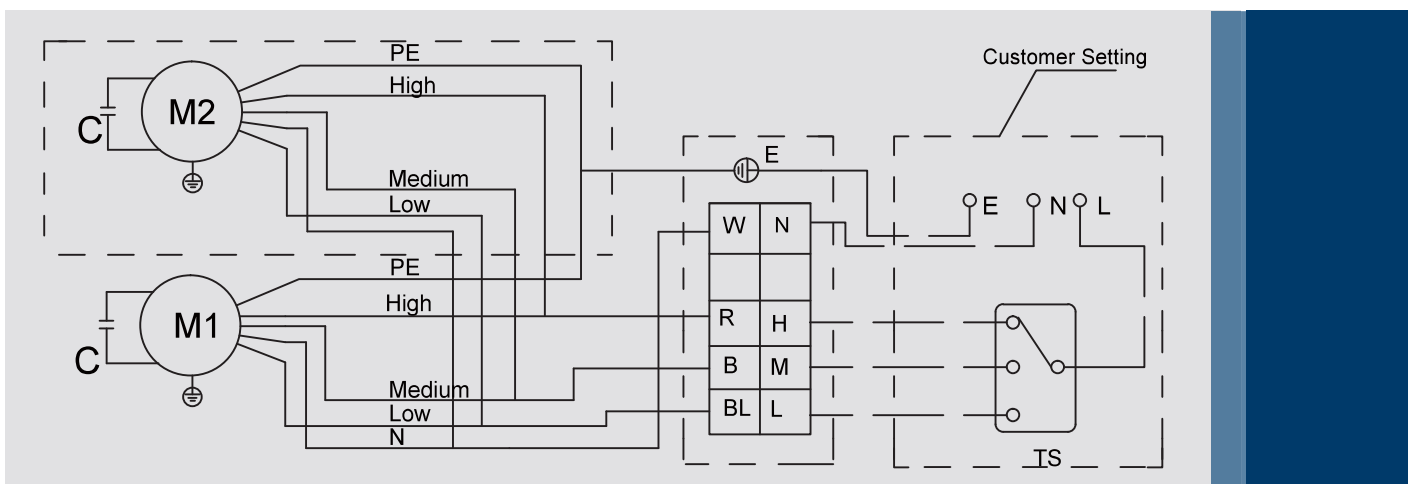
Note: entering cooling water temperature 7°C.

Heating Capacity Correction Factors Based on Different Ambient Conditions

DB (°C)	18	19	20	21	22	23	24
Correction Factor	1.1	1.07	1.02	1	0.97	0.94	0.9

Note: entering heating water temperature 60°C.

Wiring diagram



B:Black, **BL:**Blue, **R:**Red, **W:**White, **TS:** Fan Speed Controller, **C:**Capacitor, **M1/M2:**Four Speed Motor.
H: High, **M:** Medium, **L:** Low, **E:** Earth Line, **L:** Live Line, **N:** Null Line

***Note:**

1. Wiring between speed terminals to speed controller
2. Components in dashed part may not exist in some models