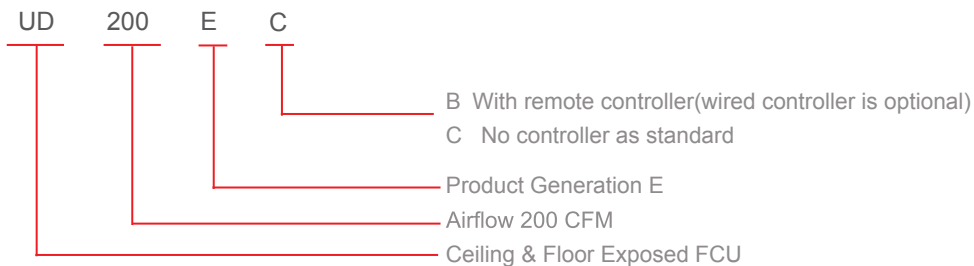


Nomenclature



- Flexible installation, ceiling or floor mounted
- Automatic horizontal and vertical air flow
- One side access hole ,easy for maintenance



(Note: The unit can be in vertical or ceiling installation at right direction when in front of the unit.)

Optional Accessories

American Pro® has a series of optional accessories for different requirements on the following:

No.	Options	UDS				UDSR			UGN		UGS	UD		ULN	
		2 Pipes			4 Pipes	2 Pipes		4 Pipes	UGN-T	UGN-Y		UD-EB	UD-EC		
		2 rows	3 rows	4 rows	3+1	3 rows	4 rows	3+1							
1	Brushless DC Motor	-	√	-	-	√	-	-	-	-	-	-	-	-	
2	Filter	Nylon Filter	√	√	√	√	√	√	√	√	○	○	○	○	
		Metal Filter	√	√	√	√	√	√	√	√	√	-	-	-	-
3	Return Air Plenum	Back	√	√	√	√	√	√	√	√	√	-	-	-	-
		Bottom	√	√	√	√	√	√	√	√	○	-	-	-	-
4	3-speed Switch	√	√	√	-	√	√	-	√	√	√	-	√	-	
5	Thermostat	√	√	√	√	√	√	√	√	√	√	-	√	-	
6	Wire Controller	-	-	-	-	-	-	-	-	-	-	√	-	√	
7	Remote Controller	√	√	√	√	√	√	√	√	√	√	○	√	○	
8	Motorized Valve	√	√	√	√	√	√	√	√	√	√	√	√	√	

Note: √--Optional ○--Standard - None

UDS/UDSR with brushless DC motor is matched with thermostat

UGN-T -- UGN standard static pressure type(0-80Pa) UGN-Y -- UGN high static pressure type(80-180Pa)

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Ceiling & Floor Exposed FCU - UD

UD		200E	300E	400E	500E	600E	800E	1000E	1200E	1400E
Air Flow m³/h	High	350	520	680	850	1030	1360	1700	2040	2380
	Medium	280	440	560	700	870	1255	1450	1830	2100
	Low	230	350	410	570	740	1080	1160	1500	1650
Total Cooling Capacity W	High	1970	2850	3600	4300	5400	6600	8400	9600	10500
	Medium	1675	2400	3060	3655	4590	5610	7140	8160	8900
	Low	1380	1995	2520	3010	3780	4620	5880	6720	7350
Heating Capacity W	High	3200	4500	5600	6800	8600	10500	13500	15000	16800
	Medium	2680	3825	4760	5780	7310	8900	11500	12750	14280
	Low	2200	3150	3920	4760	6020	7350	9450	10500	11760
Fan	Type	Centrifugal (Blade:Forward-Curved)								
	Quantity	2	2	2	2	3	3	4	4	4
Power Supply		220V~50Hz								
Motor Rated Power Input(W)		37	52	62	76	106	134	165	189	228
Coil	Type	Seamless copper tube mechanically bonded to aluminum fin								
	Max.Working Pressure MPa	1.6								
	Pipe Connection	Rc3/4(Taper Pipe Female Threaded)								
	Condensate Pipe	Φ25								
	Water Flow Rate m³/h	0.34	0.49	0.62	0.74	0.89	1.12	1.44	1.65	1.81
	Water Pressure Drop kPa	12	14	22	26	15	20	20	24	29
Weight (Without return air plenum) kg		25	25	25	25	40	40	45	45	45
Dimension (Without return air plenum)	Length(mm)	905	905	905	905	1288	1288	1672	1672	1672
	Width(mm)	243	243	243	243	243	243	243	243	243
	Height(mm)	673	673	673	673	673	673	673	673	673
Sound Pressure Level (High) dB(A)		37	39	41	43	45	46	48	50	52

Note:

- Cooling capacity is based on the following: a) Water temperature: 7°C(inlet)/12°C(outlet) b) Air entering condition:27°C DB/19.5°C WB
- Heating capacity is based on the following(with same water flow rate as cooling cycle): a) Water temperature: 60°C(inlet) b) Air entering condition:21°C DB
- The air volume is tested under entering air condition of 20°C DB and dry coil condition.
- UDXXEC series do not supply three speeds switch and wired controller is optional accessory.UDXXXEB series do supply remote controller.
- Thermostat is optional which have three speed levels and can be connected to electric valve and adjust temperature.
- The sound pressure level is based on 11.5dB(A) hemi-anechoic room background noise.
- The manufacturer reserves the rights to make changes to the above specifications without prior notice.
- The unit can be in vertical or ceiling installation and connect pipe at right direction when in front of the unit.
- The manufacturer reserves the rights to make changes to the above specifications without prior notice.