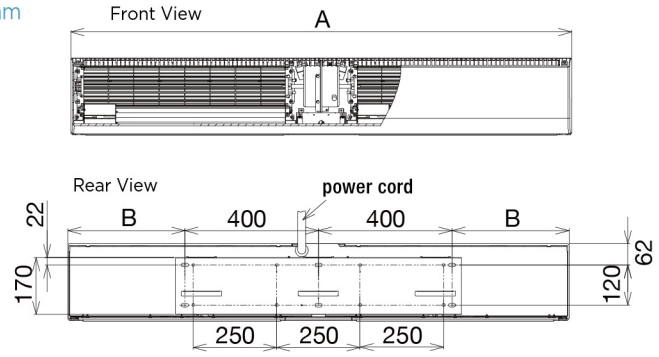
FY-3009G1, FY-3012G1, FY-3015G1, FY-4009G1, FY-4012G1, FY-4015G1

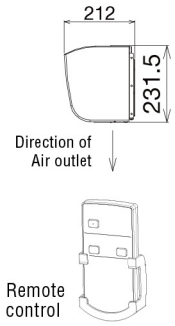
Cross Flow Type - Remote Control Series

- Cross flow fan adopted for wide and uniform airflow
- Unique auxiliary air inlet enhances airflow output
- Thick air stream provides high airflow momentum
- Resin with glass fiber adopted for fan blade
- Metal blade bush for high durability
- Simple structure allows easy maintenance
- Permanently lubricated ball bearing equipped
- Air deflection plate for airflow direction adjustment
- Main air inlet at top allows neat image
- Handheld remote control
- Soft touch switch panel
- 2-speed selection

Dimension

Unit : mm





Model	A	B
FY-3009G1	900	50
FY-4009G1		
FY-3012G1	1200	200
FY-4012G1		
FY-3015G1	1500	350
FY-4015G1		

Specification

Model No.	Voltage			Air Volume		Consumption	Current	Outlet Velocity	Noise	Weight
	[V]	[Hz]		[m³/h]	[CFM]	[W]	[A]	[m/s]	[dB(A)]	[kg]
FY-3009G1	220	50	Hi	1,100	647	76	0.35	10.5	48.5	12.5
			Lo	920	541	70	0.32	8.5	45	
		60	Hi	1,100	647	92	0.42	10.5	49.5	
			Lo	900	530	78	0.36	8.5	45	
	240	50	Hi	1,150	677	86	0.37	10.5	50.5	
			Lo	960	565	80	0.35	9	47.5	
FY-4009G1	220	50	Hi	1,340	789	110	0.50	12.0	54.5	13.5
			Lo	1,190	700	94	0.43	10.0	51	
		60	Hi	1,340	789	141	0.64	12.0	55.5	
			Lo	1,100	647	111	0.51	10.0	51	
	240	50	Hi	1,360	800	122	0.51	12.5	56.5	
			Lo	1,200	706	100	0.43	11	53.5	
FY-3012G1	220	50	Hi	1,400	824	94	0.43	9.5	48.5	15.0
			Lo	1,270	747	85	0.40	8.0	45	
		60	Hi	1,400	824	109	0.51	9.5	48.5	
			Lo	1,250	736	94	0.46	8.0	45	
	240	50	Hi	1,500	883	107	0.46	10.0	50.5	
			Lo	1,320	777	95	0.43	9	47.0	
FY-4012G1	220	50	Hi	1,700	1,001	126	0.59	12.0	52.5	16.0
			Lo	1,530	901	105	0.49	10.0	49	
		60	Hi	1,700	1,001	153	0.70	12.0	52.5	
			Lo	1,450	853	118	0.55	10.0	49	
	240	50	Hi	1,800	1,059	139	0.60	12.5	54.5	
			Lo	1,580	930	110	0.49	11	51.0	
FY-3015G1	220	50	Hi	2,000	1,177	131	0.59	10.5	51.5	18.5
			Lo	1,800	1,059	110	0.50	9.5	48	
		60	Hi	2,000	1,177	150	0.68	10.5	51.5	
			Lo	1,750	1,030	118	0.54	9.5	48	
	240	50	Hi	2,100	1,236	145	0.60	11.0	53.5	
			Lo	1,850	1,089	115	0.50	10	50.5	
FY-4015G1	220	50	Hi	2,450	1,442	177	0.81	13.0	56.0	18.5
			Lo	2,000	1,177	147	0.68	10.0	52	
		60	Hi	2,300	1,354	220	1.01	13.0	56.0	
			Lo	1,780	1,048	160	0.74	9.5	52	
	240	50	Hi	2,500	1,471	200	0.86	13.5	58.0	
			Lo	2,050	1,207	160	0.68	11	54.5	

Note : The parameters shown above are measured at ambient temperature of 20°C
- The values of noise level are measured at 1.5 m apart from the product at angle of 45° below the air outlet at which is the maximum value
- The velocity is measured in test laboratory, it may vary depends on different environment in actual usage

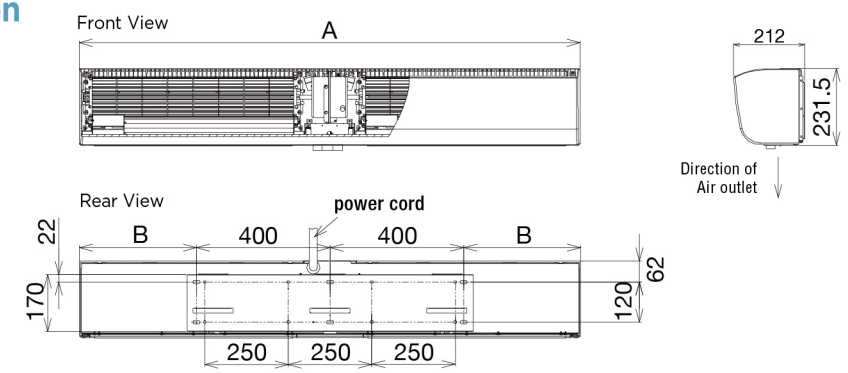
FY-3009D1, FY-3012D1, FY-3015D1, FY-4009D1, FY-4012D1, FY-4015D1

Cross Flow Type - Sensor Series

- Cross flow fan adopted for wide and uniform airflow
- Unique auxiliary air inlet enhances airflow output
- Thick air stream provides high airflow momentum
- Resin with glass fiber adopted for fan blade
- Metal blade bush for high durability
- Simple structure allows easy maintenance
- Permanently lubricated ball bearing equipped
- Air deflection plate for airflow direction adjustment
- Main air inlet at top allows neat image
- Auto operation by door contact sensor
- Push button switch
- 2-speed selection

Dimension

Unit : mm



Model	A	B
FY-3009D1	900	50
FY-4009D1		
FY-3012D1	1200	200
FY-4012D1		
FY-3015D1	1500	350
FY-4015D1		

Specification

Model No.	Voltage			Air Volume		Consumption	Current	Outlet Velocity	Noise	Weight
	[V]	[Hz]		[m³/h]	[CFM]	[W]	[A]	[m/s]	[dB(A)]	[kg]
FY-3009D1	220	50	Hi	1,100	647	76	0.35	10.5	48.5	12.5
			Lo	920	541	70	0.32	8.5	45	
		60	Hi	1,100	647	92	0.42	10.5	49.5	
			Lo	900	530	78	0.36	8.5	45	
	240	50	Hi	1,150	677	86	0.37	10.5	50.5	
			Lo	960	565	80	0.35	9	47.5	
FY-4009D1	220	50	Hi	1,340	789	110	0.50	12.0	54.5	13.5
			Lo	1,190	700	94	0.43	10.0	51	
		60	Hi	1,340	789	141	0.64	12.0	55.5	
			Lo	1,100	647	111	0.51	10.0	51	
	240	50	Hi	1,360	800	122	0.51	12.5	56.5	
			Lo	1,200	706	100	0.43	11	53.5	
FY-3012D1	220	50	Hi	1,400	824	94	0.43	9.5	48.5	15.0
			Lo	1,270	747	85	0.40	8.0	45	
		60	Hi	1,400	824	109	0.51	9.5	48.5	
			Lo	1,250	736	94	0.46	8.0	45	
	240	50	Hi	1,500	883	107	0.46	10.0	50.5	
			Lo	1,320	777	95	0.43	9	47.0	
FY-4012D1	220	50	Hi	1,700	1,001	126	0.59	12.0	52.5	16.0
			Lo	1,530	901	105	0.49	10.0	49	
		60	Hi	1,700	1,001	153	0.70	12.0	52.5	
			Lo	1,450	853	118	0.55	10.0	49	
	240	50	Hi	1,800	1,059	139	0.60	12.5	54.5	
			Lo	1,580	930	110	0.49	11	51.0	
FY-3015D1	220	50	Hi	2,000	1,177	131	0.59	10.5	51.5	18.5
			Lo	1,800	1,059	110	0.50	9.5	48	
		60	Hi	2,000	1,177	150	0.68	10.5	51.5	
			Lo	1,750	1,030	118	0.54	9.5	48	
	240	50	Hi	2,100	1,236	145	0.60	11.0	53.5	
			Lo	1,850	1,089	115	0.50	10	50.5	
FY-4015D1	220	50	Hi	2,450	1,442	177	0.81	13.0	56.0	18.5
			Lo	2,000	1,177	147	0.68	10.0	52	
		60	Hi	2,300	1,354	220	1.01	13.0	56.0	
			Lo	1,780	1,048	160	0.74	9.5	52	
	240	50	Hi	2,500	1,471	200	0.86	13.5	58.0	
			Lo	2,050	1,207	160	0.68	11	54.5	

Note : The parameters shown above are measured at ambient temperature of 20°C
- The values of noise level are measured at 1.5 m apart from the product at angle of 45° below the air outlet at which is the maximum value
- The velocity is measured in test laboratory, it may vary depends on different environment in actual usage

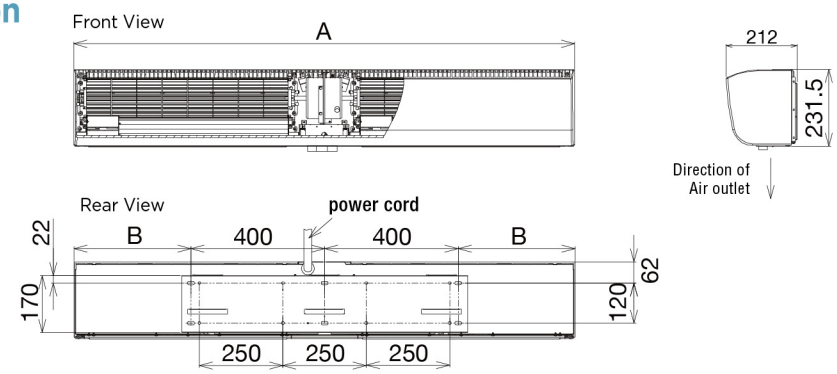
FY-3009U1, FY-4009U1
FY-3012U1, FY-4012U1
FY-3015U1, FY-4015U1

Cross Flow Type - Standard Series

- Cross flow fan adopted for wide and uniform airflow
- Unique auxiliary air inlet enhances airflow output
- Thick air stream provides high airflow momentum
- Resin with glass fiber adopted for fan blade
- Metal blade bush for high durability
- Simple structure allows easy maintenance
- Permanently lubricated ball bearing equipped
- Air deflection plate for airflow direction adjustment
- Main air inlet at top allows neat image
- Push button switch
- 2-speed selection

Dimension

Unit : mm



Model	A	B
FY-3009U1	900	50
FY-4009U1		
FY-3012U1	1200	200
FY-4012U1		
FY-3015U1	1500	350
FY-4015U1		

Specification

Model No.	Voltage			Air Volume		Consumption	Current	Outlet Velocity	Noise	Weight
	[V]	[Hz]		[m³/h]	[CFM]	[W]	[A]	[m/s]	[dB(A)]	[kg]
FY-3009U1	220	50	Hi	1,100	647	76	0.35	10.5	48.5	12.5
			Lo	920	541	70	0.32	8.5	45	
		60	Hi	1,100	647	92	0.42	10.5	49.5	
			Lo	900	530	78	0.36	8.5	45	
	240	50	Hi	1,150	677	86	0.37	10.5	50.5	
			Lo	960	565	80	0.35	9	47.5	
FY-4009U1	220	50	Hi	1,340	789	110	0.50	12.0	54.5	13.5
			Lo	1,190	700	94	0.43	10.0	51	
		60	Hi	1,340	789	141	0.64	12.0	55.5	
			Lo	1,100	647	111	0.51	10.0	51	
	240	50	Hi	1,360	800	122	0.51	12.5	56.5	
			Lo	1,200	706	100	0.43	11	53.5	
FY-3012U1	220	50	Hi	1,400	94	94	0.43	9.5	48.5	15.0
			Lo	1,270	85	85	0.40	8.0	45	
		60	Hi	1,400	109	109	0.51	9.5	48.5	
			Lo	1,250	94	94	0.46	8.0	45	
	240	50	Hi	1,500	107	107	0.46	10.0	50.5	
			Lo	1,320	95	95	0.43	9	47.0	
FY-4012U1	220	50	Hi	1,700	1,001	126	0.59	12.0	52.5	16.0
			Lo	1,530	901	105	0.49	10.0	49	
		60	Hi	1,700	1,001	153	0.70	12.0	52.5	
			Lo	1,450	853	118	0.55	10.0	49	
	240	50	Hi	1,800	1,059	139	0.60	12.5	54.5	
			Lo	1,580	930	110	0.49	11	51.0	
FY-3015U1	220	50	Hi	2,000	1,177	131	0.59	10.5	51.5	18.5
			Lo	1,800	1,059	110	0.50	9.5	48	
		60	Hi	2,000	1,177	150	0.68	10.5	51.5	
			Lo	1,750	1,030	118	0.54	9.5	48	
	240	50	Hi	2,100	1,236	145	0.60	11.0	53.5	
			Lo	1,850	1,089	115	0.50	10	50.5	
FY-4015U1	220	50	Hi	2,450	1,442	177	0.81	13.0	56.0	18.5
			Lo	2,000	1,177	147	0.68	10.0	52	
		60	Hi	2,300	1,354	220	1.01	13.0	56.0	
			Lo	1,780	1,048	160	0.74	9.5	52	
	240	50	Hi	2,500	1,471	200	0.86	13.5	58.0	
			Lo	2,050	1,207	160	0.68	11	54.5	

Note : The parameters shown above are measured at ambient temperature of 20°C
- The values of noise level are measured at 1.5 m apart from the product at angle of 45° below the air outlet at which is the maximum value
- The velocity is measured in test laboratory, it may vary depends on different environment in actual usage