

Table 1.2: IDR3-X 71*(90,105,140,160)M specifications

Model name			IDR3-X 71M	IDR3-X 90M	IDR3-X 105M	IDR3-X 140M	IDR3-X 160M
Power supply			1-phase, 220-240V, 50/60Hz				
Cooling	Capacity	W	7200	9000	10500	14000	16000
	Input(IDU+ODU)	W	2060	2750	3000	4650	5500
	Input(IDU)	W	160	170	291	700	700
	EER	/	3.50	3.27	3.50	3.01	2.91
Heating	Capacity	W	8600	10000	11600	16000	18000
	Input (IDU+ODU)	W	2200	2900	3000	4500	5350
	Input(IDU)	W	160	170	291	700	700
	COP	/	3.91	3.45	3.87	3.56	3.36
Fan motor	Model				YSK140-4P	WZDK750-38GS-	WZDK750-38GS-
	Type		DC motor	DC motor			
	Brand						
	Speed (H/M/L)	r/min	930/800/690/590	958/889/794/725	1030/960/870/770	1010/920/780/680	1050/960/860/760
Coil	Number of rows						
	Tube pitch×row pitch	mm					
	Fin spacing	mm					
	Fin type						
	Tube OD and	mm					
	Dimensions(L×H×W)	mm					
	Number of circuits						
Airflow rate		m ³ /h	1400	1500	2200	2900	3300
External static pressure		Pa	25(0-100)	25(0-100)	37(0-100)	50(0-200)	50(0-200)
Sound pressure level		dB(A)	43/39/36	43/39/36	43/39/36	49/46/45	52/49/47
Unit	Net dimensions(W×H)	mm	1140×270×775	1140×270×775	1200×300×865	1370×420×691	1370×420×691
	Packed dimensions	mm	1370×365×855	1370×365×855	1400×375×925	1436×440×768	1436×440×768
	Net/Gross weight	kg	38/46	40/48	45.5/54.5	68/78	68/78
Refrigerant type			R410A				
Throttle	Type	/					
	Mod	/					
Design pressure (H/L)		MPa					
Pipe connection	Liquid/Gas pipe	mm	Φ6.4/Φ15.9	Φ9.5/Φ15.9	Φ9.5/Φ15.9	Φ9.5/Φ15.9	Φ9.5/Φ15.9
	Drain pipe	mm					
Piping Length		m	25	30	30	50	50
Level Difference		m	15	20	20	25	25
Controller			WDC-86E/K				

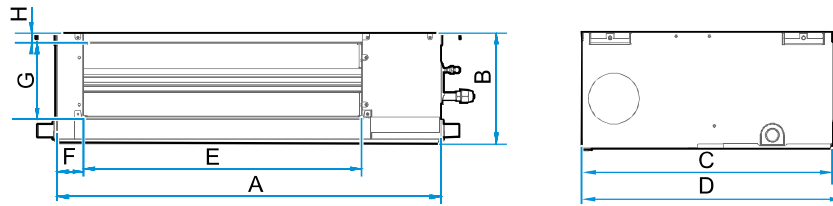
Note:

- *: IDR3-X 71M is the high air flow volume series.
- The design implementation standard of this unit is GB/T 18836-2017.
- The parameters in the table are the nominal values tested under the rated working conditions specified in GB/T 18836-2017, and actual operating parameters will vary with the working conditions.
- The above parameters may change due to product improvement. Please refer to the nameplate parameters of the product.

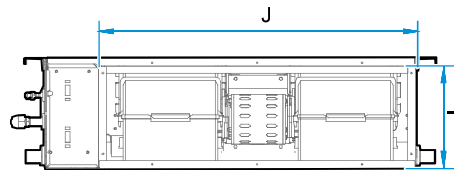
2. Dimensions (Unit: mm)

IDR3-X 26M/ IDR3-X 35M/ IDR3-X 53M/ IDR3-X 71M

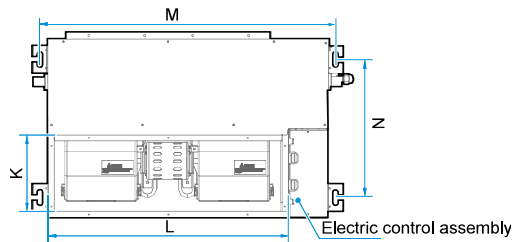
External dimensions and size of air outlet duct



Size of return air inlet (back return air mode)



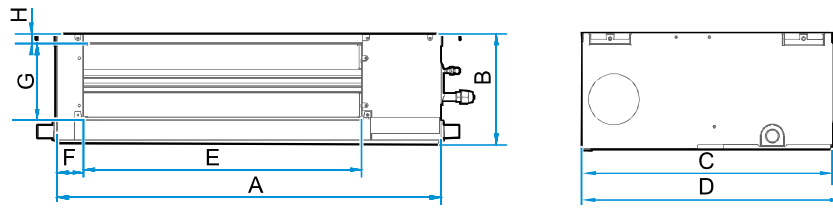
Size of return air inlet (bottom return air mode), and the distance between the lugs



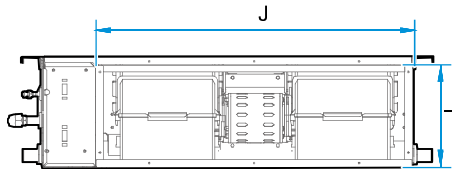
Model		26,35	53	71
External dimension	A	700	920	1140
	B	210	210	210
	C	450	450	450
	D	470	470	470
Size of Air Outlet	E	512	732	952
	F	45	45	45
	G	145	145	145
	H	17	17	17
Size of Return Air Inlet	I	180	177	177
	J	600	820	1040
	K	175	180	180
	L	570	790	1010
Spacing Between Lugs	M	740	960	1180
	N	350	350	350

IDR3-X 71M*/ IDR3-X 90M

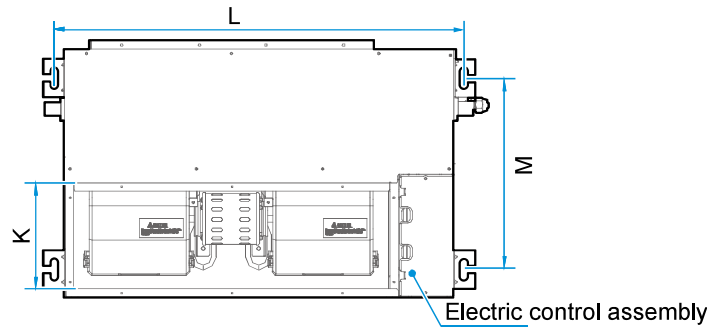
External dimensions and size of air outlet duct



Size of return air inlet (back return air mode)



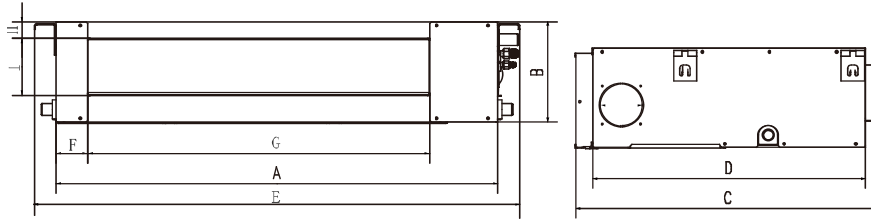
Size of return air inlet (bottom return air mode), and the distance between the lugs



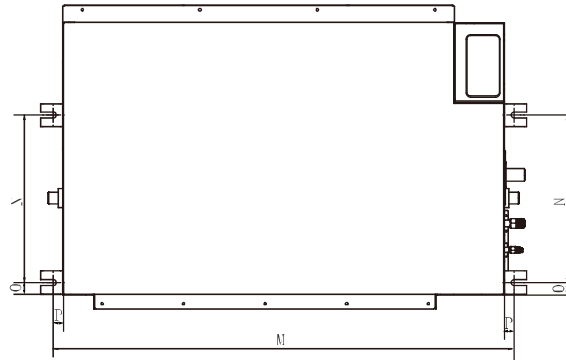
Model	External dimension				Size of Air Outlet				Size of Return Air Inlet			Spacing Between Lugs	
	A	B	C	D	E	F	G	H	I	J	K	L	M
71*/90	1140	270	710	775	933	65	179	35	260	1035	256	1180	490

IDR3-X 105M

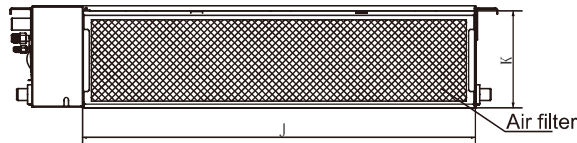
External dimensions and size of air outlet opening



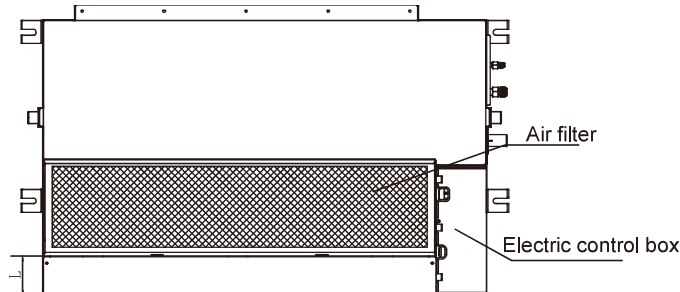
Distance between the lugs



Size of air inlet opening (air intake from rear)

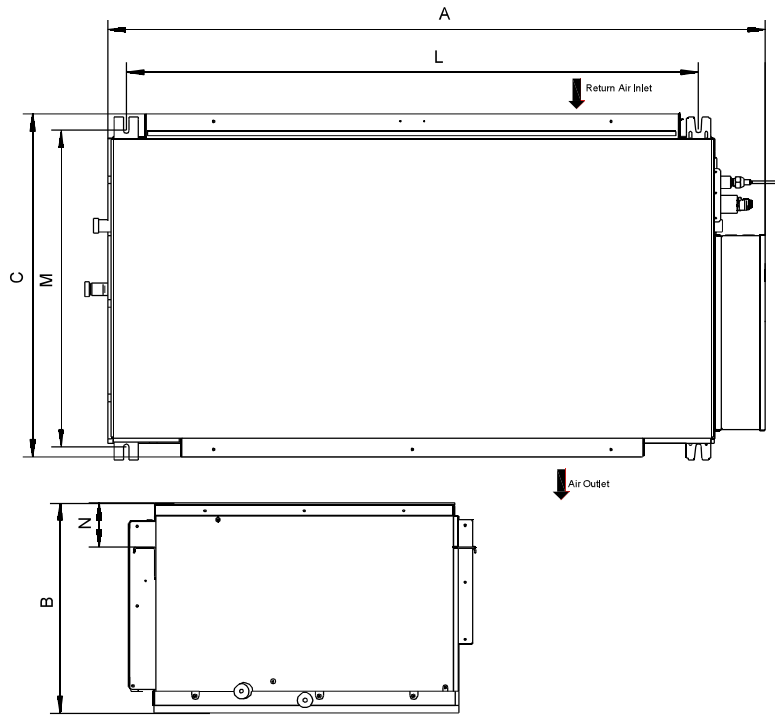


Size of air inlet opening (air intake from below)

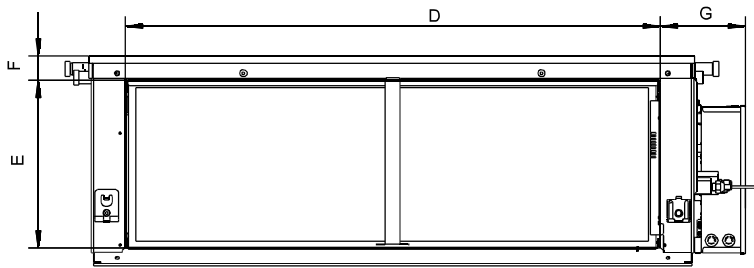


Model	External dimension					Size of Air Outlet				Size of Return Air Inlet			Spacing Between Lugs				Fresh air inlet diameter
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	
105	1200	300	865	800	1290	85	969	40	204	1094	288	45	1240	500	26	20	Φ125

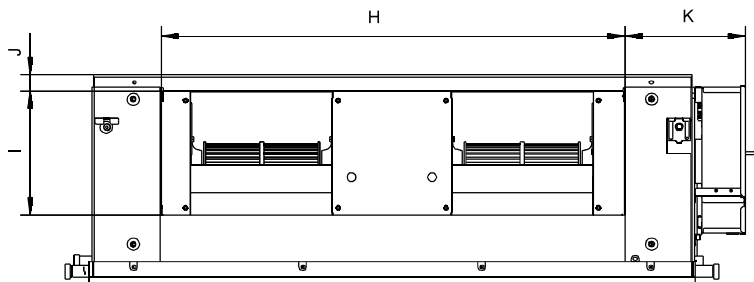
IDR3-X 140M/ IDR3-X 160M



Size of Air Outlet



Size of Return Air Inlet



Model	External dimension			Size of Air Outlet				Size of Return Air Inlet				Spacing Between Lugs		
	A	B	C	D	E	F	G	H	I	J	K	L	M	N
140/160	1322	423	662	1076	338	49	171	933	250	34	243	1151	638	88