

Small ceiling type specification

Model		XH-30D	XH-40D	XH-50D	XH-60D	XH-80D
A	mm	700	700	700	900	900
B	mm	1100	1100	1100	1100	1100
H	mm	320	320	320	320	320
F	mm	330	330	330	450	450
M	mm	230	230	230	240	240
N	mm	120	120	120	130	130
Power supply		220V/50Hz				
Air Flow	m ³ /h	300	400	500	600	800
Total pressure	Pa	90	95	100	110	110
Total heat recovery rate%		Cooling condition≥60; Heating condition≥65				
Sensible heat recovery rate%		Cooling condition≥60; Heating condition≥65				
Input power	Kw	200	220	240	270	300
NoisedB	A	60	60	60	61	62
Weight	kg	31	32	33	35	38
Note:	For small units, it is recommended to only make total heat type					

Medium ceiling type specification

Model	Unit and install dimension (mm)							Power Supply	Air Flow (m ³ /h)	Total Pressure (Pa)	Total heat recovery rate%
	A	B	H	h	F	M	N				
XH-100D	950	1260	570	500	445	300	160	380V/50Hz	1000	110	Cooling condition ≥ 50;
XH-120D	950	1340	570	500	445	300	160		1200	110	
XH-150D	1240	1420	570	500	590	350	190		1500	110	
XH-200D	1240	1420	625	555	590	380	220		2000	150	
XH-250D	1240	1730	625	555	590	400	250		2500	150	
XH-300D	1575	1730	650	580	757	500	250		3000	200	
XH-400D	1890	1820	725	655	915	650	250		4000	200	Heating condition ≥ 55
XH-500D	2100	1820	725	655	1020	650	250		5000	250	
XH-600D	2300	2000	830	760	1120	650	350		6000	250	
XH-700D	2400	2060	830	760	1170	650	350		7000	300	
XH-800D	2500	2120	830	760	1220	650	350		8000	300	
XH-1000D	2800	2240	935	1005	1370	650	400		10000	350	
XH-1200D	3000	2360	935	1005	1470	650	400	12000	380		
Note:	1. XH-1000 and XH-1200 are recommend to be horizontal type. If they are used as ceiling-mounted units, special 2. Sensible heat type unit with condenser tube, total heat type unit without condenser tube.										

Sensible heat recovery rate%	Input power (Kw)	Noise dB(A)	Weight (kg)
Cooling condition \geq 60; Heating condition \geq 65	0.32×2	60	90
	0.34×2	60	95
	0.37×2	60	100
	0.45×2	61	110
	0.55×2	61	130
	0.75×2	62	150
	1.1×2	64	180
	1.5×2	66	210
	1.5×2	68	250
	1.9×2	69	265
	2.2×2	69	280
	3.0×2	69	350
3.7×2	70	420	
reinforcement must be done.			

Large Vertical Type Specification

Model		XH-400L	XH-500L	XH-600L	XH-800L	XH-1000L	XH-1200L
Unit and install dimension(mm)	A	1850	2250	2550	1850	2250	2550
	B	790	790	790	1500	1500	1500
	C	1930	2330	2630	1950	2350	2650
	D	890	890	890	1700	1700	1700
	E	50	50	50	100	100	100
	F	1022	1105	1255	1290	1290	1290
	G	1600	1600	1600	2455	2535	2615
	H	1700	1700	1700	2555	2635	2715
	L×R	340×340	340×400	400×450	1250×500	1250×500	1250×500
	L1×R1	320×500	320×600	320×700	320×500	400×500	400×600
Power supply	380V/50Hz						
Air Flow(m ³ /h)	4000	5000	6000	8000	10000	12000	
ESP (Pa)	320	320	320	350	350	370	
Heat recovery rate%	Cooling condition≥50; Heating condition≥55						
Rated input power (KW)	1.1×2	1.5×2	1.8×2	2.2×2	3.0×2	3.8×2	
Noise dB(A)	64	65	66	68	69	69	
Weight(kg)	350	385	650	950	1150	1350	

Large Horizontal Type Specification

Model		XH-1000W	XH-1200W	XH-1500W	XH-2000W	XH-3000W	XH-4000W	XH-5000W
Unit and install dimension(mm)	L (mm)	2250	2670	3300	4400	4400	4400	4400
	H (mm)	1630	1630	1630	1600	2375	3150	3925
	L1 (mm)	560	685	838	1112	1112	1112	1112
	A (mm)	500	1000	1000	800	1000	1000	1000
	B (mm)	1108	1120	1137	1137	1912	2687	3462
	H1 (mm)	100	100	100	100	100	140	140
Air Flow(m ³ /h)		10000	12000	15000	20000	30000	40000	50000
ESP (Pa)		230	235	240	270	260	280	300
Heat recovery rate%		Cooling condition≥50; Heating condition≥55						
Weight(kg)		700	800	950	1300	1950	2600	3250

With Cooling Coil Type Fresh Air Exchange Unit Specification

Model		XH-250D4(/6/8)			XH-300D4(/6/8)			XH-400D4(/6/8)			XH-500D4(/6/8)			XH-600D4(/6/8)			XH-800D4(/6/8)		
		4Rows	6Rows	8Rows	4Rows	6Rows	8Rows	4Rows	6Rows	8Rows	4Rows	6Rows	8Rows	4Rows	6Rows	8Rows	4Rows	6Rows	8Rows
Unit and installation dimensions (mm)	A	1240			1575			1890			2100			2300			2500		
	B	2360			2360			2450			2450			2630			2750		
	H	625			650			725			725			830			830		
	h	555			580			655			655			760			760		
	F	590			757			915			1020			1120			1220		
	M	400			500			650			650			650			650		
	N	250			250			250			250			350			350		
Cold water pipe size	DN	40			40			40			40			40			40		
Condensate pipe size	DN	25			25			25			25			25			25		
Power supply		380V/50Hz																	
Air flow(m ³ /h)		2500			3000			4000			5000			6000			8000		
Total pressure (Pa)		150			200			200			250			250			300		
Total heat recovery rate %		Cooling condition≥60; Heating condition≥65																	
Sensible heat recovery rate%		Cooling condition≥60; Heating condition≥65																	
Input power (kW)		0.55×2			0.75×2			1.1×2			1.5×2			1.5×2			2.2×2		
Noise dB(A)		61			62			64			66			68			69		
Weight (kg)		150	160	170	180	195	210	220	240	260	250	270	290	300	325	350	340	370	400
Cooling capacity (kW)		21	26	31	26	33	39	35	44	52	54	54	64	52	66	78	70	89	105
Heating Capacity (kW)		28	35	42	36	45	54	48	61	72	76	76	90	72	92	108	96	122	144

Wheel Heat Recovery Type Specification

Model	Air Flow (m ³ /h)	Total Pressure (Pa)	Total heat recovery rate %	Sensible heat recovery	Power supply	Wheel efficiency (kw)	Input Power (kW)	Unit and installation dimensi			
								L	W	H	M
XHR-100	1000	360	≥75%	≥70%	380/3/50	0.09	0.32×2	1700	1200	1100	300
XHR-120	1200	380	≥75%	≥70%	380/3/50	0.09	0.37×2	1700	1200	1100	300
XHR-150	1500	410	≥75%	≥70%	380/3/50	0.09	0.55×2	1700	1300	1100	350
XHR-200	2000	465	≥75%	≥70%	380/3/50	0.09	0.75×2	1700	1300	1100	380
XHR-250	2500	445	≥75%	≥70%	380/3/50	0.09	0.75×2	1900	1450	1200	400
XHR-300	3000	540	≥75%	≥70%	380/3/50	0.09	1.1×2	1900	1550	1200	500
XHR-400	4000	546	≥75%	≥70%	380/3/50	0.09	1.1×2	1900	1650	1300	650
XHR-500	5000	593	≥75%	≥70%	380/3/50	0.09	1.5×2	2100	1650	1400	650
XHR-600	6000	585	≥75%	≥70%	380/3/50	0.18	2.2×2	2100	1900	1500	650
XHR-700	7000	625	≥75%	≥70%	380/3/50	0.18	3×2	2300	2100	1500	650
XHR-800	8000	615	≥75%	≥70%	380/3/50	0.18	3×2	2300	2200	1600	650
XHR-1000	10000	681	≥75%	≥70%	380/3/50	0.18	4×2	2500	2200	1700	650
XHR-1200	12000	720	≥75%	≥70%	380/3/50	0.18	4×2	2500	2400	1800	650

Dimensions (mm)		Noise dB (A)	Weight (kg)
N	F		
160	400	60	135
160	400	60	145
190	400	60	154
220	425	61	170
250	475	61	200
250	475	62	230
250	500	64	278
250	550	66	320
350	600	68	380
350	625	69	400
350	675	69	430
400	725	69	530
400	775	70	620

Wheel Heat Recover With Cooling Coil Type Specification

Model	XHR-250			XHR-300			XHR-400			XHR-500			
	4Rows	6Rows	8Rows	4Rows	6Rows	8Rows	4Rows	6Rows	8Rows	4Rows	6Rows	8Rows	
Air flow (m ³ /h)	2500			3000			4000			5000			
Total pressure (Pa)	445			540			546			593			
Total heat recovery rate %	≥75%												
Sensible heat recovery rate%	≥70%												
Power supply	380/3/50												
Wheel efficiency (kw)	0.09			0.09			0.09			0.09			
Input power (kW)	0.75×2			1.1×2			1.1×2			1.5×2			
Unit and installation dimensions (mm)	L	2530			2530			2530			2730		
	W	1450			1550			1650			1650		
	H	1200			1200			1300			1400		
	M	400			500			650			650		
	N	250			250			250			250		
	F	475			475			500			550		
Cold water pipe size	DN	40			40			40			40		
Condensate pipe size	DN	25			25			25			25		
Noise dB(A)	61			62			64			66			
Weight (kg)	200	210	220	230	245	245	278	298	318	320	340	360	
Cooling Capacity (kW)	21	26	31	26	33	39	35	44	52	43	54	64	
Heating Capacity (kW)	28	35	42	36	45	54	48	61	72	60	76	90	

XHR-600			XHR-700			XHR-800		
4Rows	6Rows	8Rows	4Rows	6Rows	8Rows	4Rows	6Rows	8Rows
6000			7000			8000		
585			625			615		
0.18			0.18			0.18		
2.2×2			3×2			3×2		
2730			2930			2930		
1900			2100			2200		
1500			1500			1600		
650			650			650		
350			350			350		
600			625			675		
40			40			40		
25			25			25		
68			69			69		
380	405	430	400	425	425	430	460	490
52	66	78	60	60	76	70	89	105
72	92	108	84	84	106	96	122	144