

LYD Energy Saving Technology Co., Ltd

Mobil/WhatsApp:+86-13450578802

www.lydheatpump.com

dick@lydheatpump.com

Inverter CO2(R744) Air to Air Heat Pump

Model			LYDH-40XF-W/L			LYDH-75XF-W/L			LYDH-120XF-W/L		
	Ambient (°C)	In/Out Air (°C)	Heating Capacity (kW)	Power Input (kW)	COP (KW)	Heating Capacity (kW)	Power Input (kW)	COP (KW)	Heating Capacity (kW)	Power Input (kW)	COP (KW)
Condition 1	7/6	20-45	36	7.7	4.67	57	12.1	4.71	114	23.25	4.9
		20-60	34.3	7.7	4.44	55.5	12.5	4.44	110.5	25.1	4.40
		20-85	33.1	10.1	3.27	56.1	16.5	3.40	108.1	33.5	3.22
Condition 2	-15	20-45	19.6	7.12	2.75	32.1	11.5	2.79	64.2	23.1	2.77
		20-60	19	7.4	2.56	31.2	12.1	2.57	62.5	24.2	2.58
		20-85	18.1	8.2	2.2	30.2	14.2	2.16	61.2	28.2	2.17
Condition 3	-25	20-45	14.3	6.8	2.1	23.4	10.4	2.25	47.2	20.8	2.26
		20-60	13.8	6.8	2.02	22.8	10.5	2.17	45.2	21.1	2.14
		20-85	10.5	6.8	1.54	17.4	10.8	1.61	34.5	21.5	1.60
Horizon AHU	Size	mm	1480×1330×720			1750×1330×720			2400×1330×820		
	Air volume	m3/h	5000			9000			12000		
	Air pressure	Pa	250			230			300		
	Fan Motor Power	kW	1.5			1.5			3		
	Weight	kg	338			500			535		

	Noise	dB	50	55	60
Vertical AHU	Size	mm	1170×600×2130	1800×630×2130	1800×630×2130
	Air volume	m ³ /h	5000	6000	12000
	Air pressure	Pa	90	230	210
	Fan Motor Power	kW	0.8	1.65	1.8
	Weight	kg	254	294	480
	Noise	dB (A)	55	60	65
Outdoor Unit	Heating type		Hot Air		
	compressor		13KW*1	20KW*1	35KW*1
	Power Supply		380~440V/3PH/50~60Hz		
	Max Current	A	28	38	75
	Max Power Input	kw	18	25	50
	Weight (outdoor)	kg	480	850	1200
	Size (Outdoor)		1803×830×2100	2045×1108×2300	2470×1370×2415
	Max Pressure		12 MPa		
	Refrigerant		R744/CO2		
	Evaporator		Fin copper tube evaporator		
	Defrosting type		Bypass		
	Connection size	mm	Φ9.52-φ15.88	Φ12.7-φ22	Φ15.88-φ22
	Work ambient	℃	-30-43		
	Noise Outdoor	dB	55	65	75