



Specification of European New Efficiency DC Inverter Split

		LXTHWI-09ROT1HP LXTHWO-09ROT1HP	LXTHWI-12ROT1HP LXTHWO-12ROT1HP	LXTHWI-18ROT1HP LXTHWO-18ROT1HP	LXTHWI-24ROT1HP LXTHWO-24ROT1HP	
Type		High Wall - Heat pump	High Wall - Heat pump	High Wall - Heat pump	High Wall - Heat pump	
Control type		remote controller	remote controller	remote controller	remote controller	
Declared cooling capacity	W	2600(940~3300)	3400(1000~3770)	5100(1250~5910)	6810(1830~7800)	
Declared heating capacity	W	2610(940~3360)	3420(1000~3810)	5100(1250~6070)	6870(1850~7900)	
Pdesignc	W	2600	3400	5100	6800	
SEER declared	W/W	6,3	6,1	6,1	6,1	
Energy Class		A++	A++	A++	A++	
EER declared	W/W	3,25	3,01	3,23	3,11	
COP declared	W/W	3,73	3,71	3,71	3,33	
Pdesignh Average	W	2100	2400	3800	4800	
SCOP Average declared	W/W	4,0	4,0	4,0	4,0	
Energy Class(Average)		A+	A+	A+	A+	
Declare capacity(-10℃)	W	2000	2200	3600	4500	
Back up heating capacity(-10℃)	W	100	200	200	300	
Pdesignh warmer	W	2300	2600	5000	5800	
SCOP Warmer declared	W/W	5,1	5,1	5,1	5,1	
Energy Class(Warmer)		A+++	A+++	A+++	A+++	
Declare capacity(2℃)	W	2300	2600	5000	5800	
Back up heating capacity(2℃)	W	0	0	0	0	
Annual energy consumption	Cooling	kwh/a	144	195	293	390
	Average	kwh/a	735	840	1330	1680
	Warmer	kwh/a	631	714	1373	1592
Moisture removal	Liters/h	1	1,2	1,5	1,8	
Indoor sound power(S/H/M/L/Mute)	dB(A)	50/47/43/35/32	50/47/43/35/32	53/50/47/43/36	54/51/48/44/40	
Outdoor sound power	dB(A)	60	60	65	67	
Indoor sound pressure(S/H/M/L/Mute)	dB(A)	40/37/33/25/22	40/37/33/25/22	43/41/38//35/27	44/41/38/34/30	
Outdoor sound pressure	dB(A)	50	50	55	57	
Power supply		220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P	220-240V~50Hz/1P	
Power supply side		Outdoor	Outdoor	Outdoor	Outdoor	
Voltage Range	V	165~265	165~265	165~265	165~265	
Operating current	Cooling	A	4.6(1.2~8.0)	5.8(1.5~9.0)	8.1(1.7~12.0)	10.7(2.3~12.3)
	Heating	A	4.1(1.2~9.0)	4.7(1.5~10.0)	7.0(1.7~13.0)	9.9(2.3~13.5)
Power consumption	Cooling	W	800(240~1380)	1130(290~1500)	1580(330~2340)	2257(410~2824)
	Heating	W	699(240~1552)	922(290~1720)	1374(340~2520)	2063(420~3005)
Refrigerant type/Charge/GWP/CO2 equivalent		R32/0.57kg/675/0.385tonnes	R32/0.57kg/675/0.385tonnes	R32/1kg/675/0.675tonnes	R32/1.14kg/675/0.770tonnes	
Compressor	Type	Rotary	Rotary	Rotary	Rotary	
	MFG	RECHI	GMCC	GMCC	SANYO	
Indoor air circulation	m ³ /h	420/420	550/550	800/800	980/980	
Indoor fan type		Cross Flow	Cross Flow	Cross Flow	Cross Flow	
Indoor fan speed S/H/M/L/Mute	Cooling	rpm	1400/1300/1100/1000/900	1250/1150/950/850/700	1400/1260/1050/870/800	1250/1200/1050/950/800
	Heating	rpm	1400/1300/1100/1000/900	1250/1150/1000/900/800	1400/1260/1050/870/800	1250/1200/1050/950/800
	Dry	rpm	1000	850	870	950
	Sleep	rpm	/	/	/	/
Outdoor fan type		Propeller fan	Propeller fan	Propeller fan	Propeller fan	
Outdoor air circulation	m ³ /h	1900	1900	2600	3000	
Outdoor fan speed(S/H/M/L/Mute)	rpm	Cooling:900/820/820/730/730 Heating:870/820/730/730/730	Cooling:850/810/730/620/550 Heating:850/810/730/620/450	Cooling:910/830/710/630/450 Heating:910/830/710/630/450	Cooling:930/830/690/570/450 Heating:890/830/690/590/450	
Connecting Wiring	Core x Size	4×0.75mm ²	4×0.75mm ²	4×0.75mm ²	4×0.75mm ²	
Expansion device		Capillary	Capillary	Capillary	Capillary	
Connecting Pipe	Gas	Inches	3/8"	3/8"	3/8"	
	Liquid	Inches	1/4"	1/4"	1/4"	
Application area	m ²	9~16	14~22	20~35	27~45	
Max. refrigerant pipe length	m	25	25	25	25	
Max. difference in level	m	10	10	10	10	
Operation temperature range	℃	16-31	16-31	16-31	16-31	
Ambient temperature range	Outdoor	℃	Cooling:-15-53/Heating:-20-30	Cooling:-15-53/Heating:-20-30	Cooling:-15-53/Heating:-20-30	Cooling:-15-53/Heating:-20-30
	Indoor	℃	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30
Net dimensions	Indoor	mm	698×255×190	777×250×201	910×294×206	1010×315×220
(W x H x D)	Outdoor	mm	777×498×290	777×498×290	853×602×349	920×699×380
Net weight	Indoor	kg	6.5	8	10	13
	Outdoor	kg	24	24	35	40
Packing dimensions	Indoor	mm	764×325×257	840×315×260	979×372×277	1096×390×297
(W x H x D) w/o pipe	Outdoor	mm	818×520×325	818×520×325	890×628×385	960×732×400
w/i pipe	Outdoor	mm	818×520×325	818×520×325	890×628×385	960×732×430
Gross weight	Indoor	kg	8.5	10.5	13	16
	Outdoor	kg	26(w/o pipe) 27(w/i pipe)	26(w/o pipe) 27(w/i pipe)	38(w/o pipe) 39(w/i pipe)	43(w/o pipe) 46(w/i pipe)
Loading Capacity	40'HQ	370	310	210	150	