

**ACHH045LBAB / ACHH050LBAB
ACHH060LBAB / ACHH067LBAB**



LG participates in the ECP programme for EUROVENT VRF program. Check ongoing validity of certification : www.eurovent-certification.com

Heat pump model

INVERTER SCROLL CHILLER			ACHH045LBAB	ACHH050LBAB	ACHH060LBAB	ACHH067LBAB
			H/P	H/P	H/P	H/P
Power	Phase,Lines,V		3,4,380-415	3,4,380-415	3,4,380-415	3,4,380-415
Capacity	Cooling	kW	148	171	195	222
		RT	42.1	48.6	55.4	63.1
	Heating	kW	164	180	210.9	246
		RT	47	51	60	70
Input Power	Cooling	kW	54.8	55.2	66.6	82.2
	Heating	kW	54.7	52.9	64.9	82
Max operating Current	A		96	108	117	144
Efficiency	Cooling	W/W	2.70	3.10	2.93	2.70
	Heating	W/W	3.00	3.40	3.25	3.00
SEER	W/W		4.20	4.50	4.40	4.20
SCOP	W/W		3.30	3.30	3.30	3.30
Sound Pressure	dBA		68	68	68	68
Sound power	Cooling	dBA	91	88	91	92
	Heating	dBA	91	88	91	92
Compressor	Type	-	Scroll	Scroll	Scroll	Scroll
	No. of Compressor	EA	4	6	6	6
	Oil Type	-	PVE	PVE	PVE	PVE
	Oil charge	cc	1,400 x 4	1,400 x 6	1,400 x 6	1,400 x 6
	Sump Heater	W	60 x 4	60 x 6	60 x 6	60 x 6
Refrigerant	Type	-	R410A	R410A	R410A	R410A
	Amount of Charged	Kg	7.0 kg x 4	7.0 kg x 6	7.0 kg x 6	7.0 kg x 6
Evaporator	Type	-	plate	plate	plate	plate
	Pressure drop	kPa	28.7	18.7	21.5	28.7
	Operating maximum pressure (Refrigerant / Water)	kg/cm ²	42/10	42/10	42/10	42/10
	Standard Flow (Cooling/Heating)	LPM	411/470	490/518	558/600	633/705
	Inlet/Outlet diameter (Water pipe)	mm	65A/65A	65A/65A	65A/65A	65A/65A
Fan motor	Type	-	BLDC	BLDC	BLDC	BLDC
	No. of Fan	EA	4	6	6	6
	No. of Vanes	EA	4	4	4	4
	Air Flow Rate	CMM	210 x 4 @1,000 rpm	210 x 6 @1,000 rpm	210 x 6 @1,000 rpm	210 x 6 @1,000 rpm
	Motor power	W	900 x 4	900 x 6	900 x 6	900 x 6
Expansion unit	-		EEV	EEV	EEV	EEV
Weight	kg		970	1,430	1,430	1,430
Dimension	W	mm	1,528	2,291	2,291	2,291
	H	mm	2,293	2,293	2,293	2,293
	D	mm	2,154	2,154	2,154	2,154
Footprint	m ² / RT		0.078	0.101	0.089	0.078
Protection Devices	High/Low Pressure	-	•	•	•	•
	Anti Frost	-	•	•	•	•
Remote Control	-		Modbus	Modbus	Modbus	Modbus
Power	Power Line	mm ²	50.0mm ² x 5C	95.0mm ² x 5C	95.0mm ² x 5C	95.0mm ² x 5C
Outlet Temperature	Cooling	°C	5-20	5-20	5-20	5-20
	Heating	°C	30-55	30-55	30-55	30-55
Ambient Temperature	Cooling	°C	-15-48	-15-48	-15-48	-15-48
	Heating	°C	-30-35	-30-35	-30-35	-30-35
Earth Leakage Breaker	A		125	200	200	200

Notes :

1. Due to our policy of innovation some specifications may be changed without prior notification.
2. Capacities and Inputs are based on the following conditions
Cooling : Outdoor air temp. 35°C, Water inlet temp. 12°C, Water Outlet temp. 7°C
Heating : Outdoor air temp. 7°C, Water inlet temp. 40°C, Water Outlet temp. 45°C
3. Sound pressure level is measured on the rated condition in the anechoic rooms by ISO 3745 standard.
Sound power level is measured ISO 9614:2009 by sound intensity method. Therefore, these values can be increased owing to ambient conditions during operation.