

ARUM080LTE6 / ARUM100LTE6
ARUM120LTE6 / ARUM140LTE6



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

HP			8	10	12	14
Classification	Chassis		UXA	UXA	UXA	UXB
	Combination Unit		ARUM080LTE6	ARUM100LTE6	ARUM120LTE6	ARUM140LTE6
Power Supply	V / Ø / Hz		380-415 / 3 / 50	380-415 / 3 / 50	380-415 / 3 / 50	380-415 / 3 / 50
Cooling Capacity	Rated	kW	22.4	28.0	33.6	39.2
	Rated	kW	22.4	28.0	33.6	39.2
Heating Capacity	Max	kW	25.2	31.5	37.8	44.1
	Rated	kW	6.10	8.33	11.65	11.88
Power Input (Cooling)	Rated	kW	5.16	6.22	7.77	8.43
	EER (Rated)	W/W	3.67	3.36	2.88	3.30
Efficiency	COP (Rated)	W/W	4.34	4.50	4.32	4.65
	SEER	Wh/Wh	8.28	8.11	7.94	8.55
	SCOP	Wh/Wh	4.45	4.52	4.99	5.17
Outdoor Fan	Type		Propeller fan	Propeller fan	Propeller fan	Propeller fan
	Air Flow Rate (High)	m³/min x No.	220 x 1	220 x 1	220 x 1	320 x 1
Outdoor Fan Motor	Discharge direction (Side / Top)		Top	Top	Top	Top
	Drive		Direct	Direct	Direct	Direct
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1	62.1	62.1	62.1
Heat Exchanger	Number of Revolution	rev./min	3,600	3,600	3,600	3,600
	Motor Output	W x No.	5,300 x 1	5,300 x 1	5,300 x 1	5,300 x 1
Dimensions	Oil Type		FW68L (PVE)	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)
	Fin Type		Wide Louver Plus	Wide Louver Plus	Wide Louver Plus	Wide Louver Plus
Weight	Net (W x H x D)	mm	930 x 1,745 x 760	930 x 1,745 x 760	930 x 1,745 x 760	1,240 x 1,745 x 760
	Shipping (W x H x D)	mm	965 x 1,919 x 802	965 x 1,919 x 802	965 x 1,919 x 802	1,282 x 1,919 x 802
Refrigerant	Net	kg	215	215	215	240
	Shipping	kg	225	225	225	250
Connecting Pipe	Type		R410A	R410A	R410A	R410A
	Precharged Amount	kg	8.5	9.5	9.5	13.0
Sound Pressure Level (Outdoor Unit)	t-CO ₂ eq.		17.744	19.831	19.831	27.138
	Control Type		EEV	EEV	EEV	EEV
Sound Power Level (Outdoor Unit)	Liquid	mm (inch)	Ø9.52 (3/8)	Ø9.52 (3/8)	Ø12.70 (1/2)	Ø12.70 (1/2)
	Gas	mm (inch)	Ø19.05 (3/4)	Ø22.20 (7/8)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)
Connectable Indoor Units Number	Low Pressure Gas (Heat Recovery)	mm (inch)	Ø19.05 (3/4)	Ø22.20 (7/8)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)
	High Pressure Gas (Heat Recovery)	mm (inch)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø22.20 (7/8)
Communication Cable (VCTF-SB)	Cooling	dB (A)	57.0	57.5	59.0	60.0
	Heating	dB (A)	58.0	58.5	60.0	61.0
Connectable Indoor Units Number	Cooling	dB (A)	78.0	79.0	80.0	81.0
	Heating	dB (A)	78.0	79.0	83.0	82.0
Connectable Indoor Units Number	Communication Cable (VCTF-SB)	mm² x cores	0.75 - 1.5 x 2C	0.75 - 1.5 x 2C	0.75 - 1.5 x 2C	0.75 - 1.5 x 2C
	Max. (Conditional)	EA	13 (20)	16 (25)	20 (30)	23 (35)

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

ARUM160LTE6 / ARUM180LTE6
ARUM200LTE6 / ARUM220LTE6



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

HP			16	18	20	22
Classification	Chassis		UXB	UXB	UXB	UXC
	Combination Unit		ARUM160LTE6	ARUM180LTE6	ARUM200LTE6	ARUM220LTE6
Power Supply	V / Ø / Hz		380-415 / 3 / 50	380-415 / 3 / 50	380-415 / 3 / 50	380-415 / 3 / 50
Cooling Capacity	Rated	kW	44.8	50.4	56.0	61.6
	Rated	kW	44.8	50.4	56.0	61.6
Heating Capacity	Max	kW	50.4	56.7	63.0	69.3
	Rated	kW	15.45	14.39	17.54	22.00
Power Input (Cooling)	Rated	kW	10.09	10.59	12.64	15.96
	EER (Rated)	W/W	2.90	3.50	3.19	2.80
Efficiency	COP (Rated)	W/W	4.44	4.76	4.43	3.86
	SEER	Wh/Wh	7.97	8.65	8.42	7.20
	SCOP	Wh/Wh	5.46	4.81	5.13	4.62
Outdoor Fan	Type		Propeller fan	Propeller fan	Propeller fan	Propeller fan
	Air Flow Rate (High)	m³/min x No.	320 x 1	320 x 1	320 x 1	430 x 1
Outdoor Fan Motor	Discharge direction (Side / Top)		Top	Top	Top	Top
	Drive		Direct	Direct	Direct	Direct
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm³/rev	62.1	62.1 x 2	62.1 x 2	62.1 x 2
Heat Exchanger	Number of Revolution	rev./min	3,600	3,600 x 2	3,600 x 2	3,600 x 2
	Motor Output	W x No.	5,300 x 1	5,300 x 2	5,300 x 2	5,300 x 2
Dimensions	Oil Type		FW68L (PVE)	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)
	Fin Type		Wide Louver Plus	Wide Louver Plus	Wide Louver Plus	Wide Louver Plus
Weight	Net (W x H x D)	mm	1,240 x 1,745 x 760	1,240 x 1,745 x 760	1,240 x 1,745 x 760	1,640 x 1,745 x 760
	Shipping (W x H x D)	mm	1,282 x 1,919 x 802	1,282 x 1,919 x 802	1,282 x 1,919 x 802	1,675 x 1,919 x 787
Refrigerant	Net	kg	240	300	300	362
	Shipping	kg	250	310	310	372
Connecting Pipe	Type		R410A	R410A	R410A	R410A
	Precharged Amount	kg	13.0	16.0	16.0	16.0
Sound Pressure Level (Outdoor Unit)	t-CO ₂ eq.		27.138	33.400	33.400	33.400
	Control Type		EEV	EEV	EEV	EEV
Sound Power Level (Outdoor Unit)	Liquid	mm (inch)	Ø12.70 (1/2)	Ø15.88 (5/8)	Ø15.88 (5/8)	Ø15.88 (5/8)
	Gas	mm (inch)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)
Connectable Indoor Units Number	Low Pressure Gas (Heat Recovery)	mm (inch)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)	Ø28.58 (1-1/8)
	High Pressure Gas (Heat Recovery)	mm (inch)	Ø22.20 (7/8)	Ø22.20 (7/8)	Ø22.20 (7/8)	Ø28.58 (1-1/8)
Communication Cable (VCTF-SB)	Cooling	dB (A)	60.5	61.0	62.0	64.0
	Heating	dB (A)	61.5	62.0	63.5	66.0
Connectable Indoor Units Number	Cooling	dB (A)	85.0	85.0	86.0	84.0
	Heating	dB (A)	85.0	86.0	89.0	88.0
Communication Cable (VCTF-SB)	Communication Cable (VCTF-SB)	mm² x cores	0.75 - 1.5 x 2C	0.75 - 1.5 x 2C	0.75 - 1.5 x 2C	0.75 - 1.5 x 2C
	Max. (Conditional)	EA	26 (40)	29 (45)	32 (50)	35 (56)

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.
2) Applying to 16, 18, 20HP outdoor units only.

ARUM240LTE6 / ARUM260LTE6
ARUM280LTE6 / ARUM300LTE6



HP			24	26	28	30
Classification	Chassis		UXC	UXC	UXB + UXA	UXB + UXA
	Combination Unit		ARUM240LTE6	ARUM260LTE6	ARUM160LTE6 ARUM120LTE6	ARUM180LTE6 ARUM120LTE6
Power Supply	V / Ø / Hz		380-415 / 3 / 50	380-415 / 3 / 50	380-415 / 3 / 50	380-415 / 3 / 50
Cooling Capacity	Rated	kW	67.2	72.8	78.4	84.0
	Max	kW	75.6	81.9	88.2	94.5
Heating Capacity	Rated	kW	67.2	72.8	78.4	84.0
	Max	kW	75.6	81.9	88.2	94.5
Power Input (Cooling)	Rated	kW	26.15	31.52	27.10	26.04
Power Input (Heating)	Rated	kW	18.61	21.60	17.86	18.36
Efficiency	EER (Rated)	W/W	2.57	2.31	2.89	3.23
	COP (Rated)	W/W	3.61	3.37	4.39	4.58
	SEER	Wh/Wh	6.91	6.62	7.96	8.30
	SCOP	Wh/Wh	4.31	4.11	5.22	4.90
Outdoor Fan	Type		Propeller fan	Propeller fan	Propeller fan	Propeller fan
	Air Flow Rate (High)	m ³ /min x No.	430 x 1	430 x 1	(320 x 1) + (220 x 1)	(320 x 1) + (220 x 1)
	Discharge direction (Side / Top)		Top	Top	Top	Top
Outdoor Fan Motor	Drive		Direct	Direct	Direct	Direct
	Output	W x No.	1,500 x 2	1,500 x 2	(900 x 2) + (1,200 x 1)	(900 x 2) + (1,200 x 1)
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1 x 2	62.1 x 2	62.1 x 2	62.1 x 3
	Number of Revolution	rev./min	3,600 x 2	3,600 x 2	3,600 x 2	3,600 x 3
	Motor Output	W x No.	5,300 x 2	5,300 x 2	5,300 x 2	5,300 x 3
	Oil Type		FW68L (PVE)	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)
Heat Exchanger	Fin Type		Wide Louver Plus	Wide Louver Plus	Wide Louver Plus	Wide Louver Plus
Dimensions	Net (W x H x D)	mm	1,640 x 1,745 x 760	1,640 x 1,745 x 760	((1,240 x 1,745 x 760) x 1) + ((930 x 1,745 x 760) x 1)	((1,240 x 1,745 x 760) x 1) + ((930 x 1,745 x 760) x 1)
	Shipping (W x H x D)	mm	1,675 x 1,919 x 787	1,675 x 1,919 x 787	((1,282 x 1,919 x 802) x 1) + ((965 x 1,919 x 802) x 1)	((1,282 x 1,919 x 802) x 1) + ((965 x 1,919 x 802) x 1)
Weight	Net	kg	362	362	(240 x 1) + (215 x 1)	(300 x 1) + (215 x 1)
	Shipping	kg	372	372	(250 x 1) + (225 x 1)	(310 x 1) + (225 x 1)
Refrigerant	Type		R410A	R410A	R410A	R410A
	Precharged Amount	kg	16.0	16.0	22.5	25.5
	t-CO ₂ eq.		33.400	33.400	46.969	53.231
	Control Type		EEV	EEV	EEV	EEV
Connecting Pipe	Liquid	mm (inch)	Ø15.88 (5/8)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)
	Gas	mm (inch)	Ø34.90 (1-3/8)	Ø34.90 (1-3/8)	Ø34.90 (1-3/8)	Ø34.90 (1-3/8)
	Low Pressure Gas (Heat Recovery)	mm (inch)	Ø34.90 (1-3/8)	Ø34.90 (1-3/8)	Ø34.90 (1-3/8)	Ø34.90 (1-3/8)
Sound Pressure Level (Outdoor Unit)	Cooling	dB (A)	65.0	65.0	62.8	63.1
	Heating	dB (A)	66.0	66.5	63.8	64.1
Sound Power Level (Outdoor Unit)	Cooling	dB (A)	85.0	89.0	86.2	87.8
	Heating	dB (A)	88.0	89.0	87.1	88.5
Connecting Cable	Communication Cable (VCTF-SB)	mm ² x cores	0.75 - 1.5 x 2C	0.75 - 1.5 x 2C	0.75 - 1.5 x 2C	0.75 - 1.5 x 2C
Connectable Indoor Units Number	Max. (Conditional)	EA	39 (61)	42 (64)	45 (56)	49 (60)

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.

ARUM320LTE6 / ARUM340LTE6
ARUM360LTE6 / ARUM380LTE6



HP			32	34	36	38
Classification	Chassis		UXB + UXA	UXB + UXB	UXB + UXB	UXB + UXB
	Combination Unit		ARUM200LTE6 ARUM120LTE6	ARUM200LTE6 ARUM140LTE6	ARUM200LTE6 ARUM160LTE6	ARUM200LTE6 ARUM180LTE6
Power Supply	V / Ø / Hz		380-415 / 3 / 50	380-415 / 3 / 50	380-415 / 3 / 50	380-415 / 3 / 50
Cooling Capacity	Rated	kW	89.6	95.2	100.8	106.4
	Max	kW	100.8	107.1	113.4	119.7
Heating Capacity	Rated	kW	89.6	95.2	100.8	106.4
	Max	kW	100.8	107.1	113.4	119.7
Power Input (Cooling)	Rated	kW	29.19	29.42	32.99	31.93
Power Input (Heating)	Rated	kW	20.41	21.07	22.73	23.23
Efficiency	EER (Rated)	W/W	3.07	3.24	3.06	3.33
	COP (Rated)	W/W	4.39	4.52	4.43	4.58
	SEER	Wh/Wh	8.18	8.48	8.19	8.53
	SCOP	Wh/Wh	5.06	5.15	5.29	4.97
Outdoor Fan	Type		Propeller fan	Propeller fan	Propeller fan	Propeller fan
	Air Flow Rate (High)	m ³ /min x No.	(320 x 1) + (220 x 1)	(320 x 1) + (320 x 1)	(320 x 1) + (320 x 1)	(320 x 1) + (320 x 1)
	Discharge direction (Side / Top)		Top	Top	Top	Top
Outdoor Fan Motor	Drive		Direct	Direct	Direct	Direct
	Output	W x No.	(900 x 2) + (1,200 x 1)	(900 x 2) + (900 x 2)	(900 x 2) + (900 x 2)	(900 x 2) + (900 x 2)
Compressor	Type		Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll	Hermetically Sealed Scroll
	Piston Displacement	cm ³ /rev	62.1 x 3	62.1 x 3	62.1 x 3	62.1 x 4
	Number of Revolution	rev./min	3,600 x 3	3,600 x 3	3,600 x 3	3,600 x 4
	Motor Output	W x No.	5,300 x 3	5,300 x 3	5,300 x 3	5,300 x 4
	Oil Type		FW68L (PVE)	FW68L (PVE)	FW68L (PVE)	FW68L (PVE)
Heat Exchanger	Fin Type		Wide Louver Plus	Wide Louver Plus	Wide Louver Plus	Wide Louver Plus
Dimensions	Net (W x H x D)	mm	((1,240 x 1,745 x 760) x 1) + ((930 x 1,745 x 760) x 1)	(1,240 x 1,745 x 760) x 2	(1,240 x 1,745 x 760) x 2	(1,240 x 1,745 x 760) x 2
	Shipping (W x H x D)	mm	((1,282 x 1,919 x 802) x 1) + ((965 x 1,919 x 802) x 1)	(1,282 x 1,919 x 802) x 2	(1,282 x 1,919 x 802) x 2	(1,282 x 1,919 x 802) x 2
Weight	Net	kg	(300 x 1) + (215 x 1)	(300 x 1) + (240 x 1)	(300 x 1) + (240 x 1)	(300 x 1) + (300 x 1)
	Shipping	kg	(310 x 1) + (225 x 1)	(310 x 1) + (250 x 1)	(310 x 1) + (250 x 1)	(310 x 1) + (310 x 1)
Refrigerant	Type		R410A	R410A	R410A	R410A
	Precharged Amount	kg	25.5	29.0	29.0	32.0
	t-CO ₂ eq.		53.231	60.538	60.538	66.800
	Control Type		EEV	EEV	EEV	EEV
Connecting Pipe	Liquid	mm (inch)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)	Ø19.05 (3/4)
	Gas	mm (inch)	Ø34.90 (1-3/8)	Ø34.90 (1-3/8)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)
	Low Pressure Gas (Heat Recovery)	mm (inch)	Ø34.90 (1-3/8)	Ø34.90 (1-3/8)	Ø41.30 (1-5/8)	Ø41.30 (1-5/8)
Sound Pressure Level (Outdoor Unit)	Cooling	dB (A)	63.8	64.1	64.3	64.5
	Heating	dB (A)	65.1	65.4	65.6	65.8
Sound Power Level (Outdoor Unit)	Cooling	dB (A)	87.0	87.2	88.5	88.5
	Heating	dB (A)	90.0	89.8	90.5	90.8
Connecting Cable	Communication Cable (VCTF-SB)	mm ² x cores	0.75 - 1.5 x 2C	0.75 - 1.5 x 2C	0.75 - 1.5 x 2C	0.75 - 1.5 x 2C
Connectable Indoor Units Number	Max. (Conditional)	EA	52 (64)	55 (64)	58 (64)	61 (64)

1) Maximum numbers are prepared based on assumption that all 2.2kW indoor units are connected. The numbers in parentheses means maximum connectable indoor units in accordance with outdoor units combination (160% - 200%). The recommended ratio is 130%.