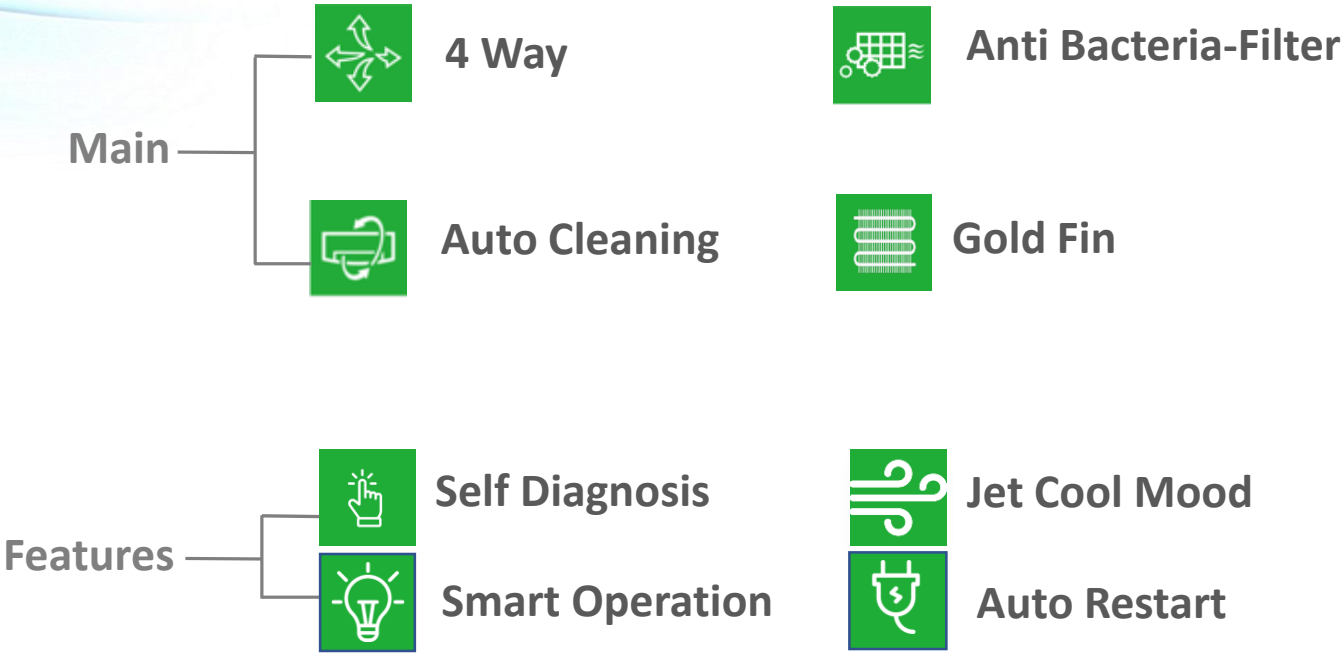




	LO182C0.SK0		18K
	LO182H0.SK0		18K
	LO242C0.SK0		24K
	LO242H0.UK0		24K

Jet Cool Specs



Specifications

LG Split JetCool

				18k HP	18k CO	24k HP	24k CO		
Buyer Model	Set (Indoor / Outdoor)	Set (Indoor / Outdoor)		LO182H0.SK0 LO182H0.NK0 LO182H0.UK0	LO182C0.SK0 LO182C0.NK0 LO182C0.UK0	LO242H0.SK0 LO242H0.NK0 LO242H0.UK0	LO242C0.SK0 LO242C0.NK0 LO242C0.UK0	Tolerance or remark	
Capacity	Cooling	Rated	kW	5.39	5.33	6.68	6.59		
			Btu/h	18,400	18,200	22,800	22,500	Measured value ≥ Spec x 98%	
			kJ/h	19,414	19,203	24,056	23,740		
	Cooling (T3)	Rated	kW	4.75	4.75	5.74	5.66		
			Btu/h	16,200	16,200	19,600	19,300	Measured value ≥ Spec x 98%	
			kW	-	5.00	-	6.90	Measured value ≥ Spec x 98%	
	Btu/h	-	17,060	-	23,543				
Heating	Rated	kJ/h	-	18,000	-	24,840			
Heating -7 °C		Max	W	-	-	-	-	Need detailed explanation	
Power Input	Cooling	Standard	W	1,484	1,468	1,839	1,815	Measured value ≤ Spec x 102%	
		Rated	W	2,400	2,400	3,400	3,400		
	Cooling (T3)	Standard	W	1,858	1,858	2,248	2,213	Measured value ≤ Spec x 102%	
		Rated	W	2,400	2,400	3,400	3,400		
	Heating	Standard	W	-	1,408	-	2,029	Measured value ≤ Spec x 102%	
		Rated	W	-	2,000	-	3,400		
Running Current	Cooling	Standard	A	6.8	6.6	8.2	8.1		
		Rated	A	12.0	12.0	18.0	18.0		
	Cooling (T3)	Standard	A	8.1	8.4	10.4	10.4	TCL Check again	
		Rated	A	12.0	12.0	18.0	18.0		
	Heating	Standard	A	-	6.3	-	9.0		
		Rated	A	-	12.0	-	18.0		
EER			W/W	3.63	3.63	3.63	3.63		
			(Btu/h)/W	12.40	12.40	12.40	12.40	Measured value ≥ Spec x 98%, MEPS*103%	
EER (T3)			(kJ/h)W	13.1	13.1	13.1	13.1		
			W/W	2.55	2.55	2.55	2.55		
			(Btu/h)/W	8.70	8.70	8.70	8.70	Measured value ≥ Spec x 98%, MEPS*103%	
SEER			-	10.55(3.1*3.412)	10.35(3.04*3.412)	10.35(3.04*3.412)	10.30(3.03*3.412)		
COP			W/W	-	3.55	-	3.40	LG	
			(Btu/h)/W	-	12.11	-	11.60		
			(kJ/h)W	-	12.78	-	12.24		
SCOP			-	-	-	-	-		
P design C / P design H			kW	-	-	-	-	Need detailed explanation	
Energy Label Grade		Cooling / Heating	-	D	D	D	D		
Annual Energy Consumption		Cooling / Heating	kWh/year	6083	6212	7515	7414		
Weighted ERR			(Btu/h)/W	-	-	-	-		
			W/W	-	-	-	-		
Power Supply			Ø, V, Hz	1P, 230V~, 60Hz	1P, 230V~, 60Hz	1P, 230V~, 60Hz	1P, 230V~, 60Hz		
Available Voltage Range			V	198~264	198~264	207~253	207~253		
Power Factor		Cooling / Heating	%	97/-	97/97	97/-	97/97		
Moisture Removal			l/h	1.8	1.8	2.1	2.1		
Indoor	Air Flow Rate	Cooling, SH / H / M / L / SL	m³/h	1300/1180/990/800/710	1300/1180/990/800/710	1300/1210/1090/960/880	1300/1160/1070/980/890		
		Heating, SH / H / M / L / SL	m³/h	-	1300/1180/1030/880/800	-	1300/1160/1030/940/800		
	Fan Motor Speed	Cooling, SH / H / M / L / SL	RPM	1370/1250/1050/850/750	1370/1250/1050/850/750	1370/1280/1150/1010/930	1430/1280/1180/1080/980		
		Heating, SH / H / M / L / SL	RPM	-	1370/1250/1090/930/850	-	1430/1280/1130/1030/880		
	Sound Pressure Level	Cooling, SH / H / M / L / SL	dB(A) +1	55/52/46/40/37	55/52/46/41/38	55/52/49/47/44	55/51/48/46/44	Nameplate uses H speed	
		Heating, SH / H / M / L / SL	dB(A) +1	-	55/52/46/41/38	-	55/51/48/46/44		
	Sound Power Level		dB(A)	-	-	-	-		
	Dimensions (W × H × D)	Net	mm	1097x332x222	1097x332x222	1097x332x222	1097x332x222	TCL Check again	
		Shipping	mm	1165x405x295	1165x405x295	1165x405x295	1165x405x295	TCL Check again	
	Weight	Net	kg	TBD	TBD	14	15	±5%	
Shipping		kg	TBD	TBD	16.5	17	±5%		
Exterior Color Code			-	SW02	SW02	SW02	SW02		
	Air Flow Rate	Max	m³/min	-	-	-	-		
	Fan Motor Speed	Cooling, Min ~ Max	rpm	900	920	850	850		
		Heating, Min ~ Max	rpm	-	920	-	850		
	Sound Pressure Level	Cooling, Rated	dB(A) +1	57	58	59	61		
		Heating, Rated	dB(A) +1	-	58	-	61		
	Sound Power Level		dB(A)	-	-	-	-		
	Dimensions (W × H × D)	Net	mm	920×699×380	920×699×380	978×421×803	978×421×803		

Outdoor	Dimensions (W×H×D)		Shipping	mm	949×732×392	949×732×392	1022×480×835	1022×480×835	
	Weight	Net	kg	TBD	TBD	TBD	48.5	54	±5%
		Shipping	kg	TBD	TBD	TBD	53	58	±5%
	Max. Fuse Size		A	-	-	-	-	-	
	Exterior Color Code		-	PW04	PW04	PW04	PW04	PW04	
	Operation Range	Cooling	°C DB	15-52	15-52	15-52	15-52	15-52	
Heating		°C DB	-	-7-24	-	-	-7-24		
Heating		°C WB	-	-	-	-	-		
Circuit Breaker			A	3.15	4	3.15	4		
Power Supply Cable			No. × mm²	3×1.5	3×1.5	3×2.5	3×2.5		
Power Supply to Unit			-	Indoor	Indoor	Outdoor	Outdoor		
Power and Communication Cable			No. × mm²	3×1.5	2×0.75, 3×1.5	4×0.75	2×0.75,4×0.75		
Piping	Size	Liquid	mm(inch)	Φ6.35(1/4")	Φ6.35(1/4")	Φ6.35(1/4")	Φ6.35(1/4")		
		Gas	mm(inch)	Φ12.70(1/2")	Φ12.70(1/2")	Φ12.70(1/2")	Φ15.88(5/8")		
	Connections Method	Indoor / Outdoor	-	Flared / Flared	Flared / Flared	Flared / Flared	Flared / Flared		
Drain Hose Size		O.D, I.D	mm	19.0, 16.0	19.0, 16.0	19.0, 16.0	19.0, 16.0		
Between Indoor & Outdoor	Piping Length	Min / Standard / Max	m	3/4/15	3/4/15	3/5/15	3/5/15		
		No Charge	m	5.0	5.0	5.0	5.0		
	Max. Elevation Difference		m	5	5	5	5		
	Piping Connection Heat Insulation		-	Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes	Both liquid and gas pipes		
Refrigerant		Type	-	R410A	R410A	R410A	R410A		
		Pre Charge	kg	TBD	TBD	1.25	1.78		
		Additional Charge	g/m	20	20	30	30		
		Control	-	Capillary	Capillary	Capillary	Capillary		
		Global Warning Potential	-	2100	2100	2100	2100		
		t-CO ₂ eq	-	-	-	-	-		
Defrost Method			-	De-ice Control	De-ice Control	De-ice Control	De-ice Control		
Tool Code (Chassis)		Indoor / Outdoor	-	1080T(DWA-white line)/780C	1080T(DWA-white line)/780C	1080T(DWA-white line)/845C	1080T(DWA-white line)/845C		
Compressor	Type	-	Rotary	Rotary	Rotary	Rotary	Rotary		
	Model	-	ASL160DG-C7EU6	ASL160DG-C7EU6	ASH210DG-C8LUL	ASH210DG-C8LUL			
	Motor Type	-	Single phase induction motor	Single phase induction motor	Single phase induction motor	Single phase induction motor			
	Oil Type / Maker	-	HAF68D1 or equivalent	HAF68D1 or equivalent	α68HES-H or equivalent				
	Oil Charge	cc	390	390	620	620			
	O.L.P. Name	-	-	-	-	-			
	Manufacturer / Country of Origin	-	Highly/China	Highly/China	Highly/China	Highly/China			
Fan(Indoor)	Type	-	Cross Flow	Cross Flow	Cross Flow	Cross Flow			
	Motor Output	W	45	45	45	45			
Fan(Outdoor)	Type	-	Propeller	Propeller	Propeller	Propeller			
	Motor Type	-	DC	DC	DC	DC			
	Motor Output	W	33	54	85	85			
	Motor Insulation	-	E	B	B	B			
	Motor Enclosure / Ingress Protection	-	IP44	IP44	IP44	IP44			



Jet Cool Capacity

High capacity for more cooling and higher performance



Jet Cool

High capacity for more cooling and higher performance

LO182C0		18.400K
LO182H0		18.200K
LO242C0		22.800K
LO242H0		22.500K