

Sky Pro Cassette Type Specs							
Model			ASLCI/EC4H4S09	ASLCI/EC4H4S12	ASLCI/EC4H4S18	ASLCI/EC4H4S24	ASLCI/EC4H4S36
Indoor Model			ASLEC4H4S09	ASLEC4H4S12	ASLEC4H4S18	ASLEC4H4S24	ASLEC4H4S36
Outdoor Model			ASLCI4H4S09	ASLCI4H4S12	ASLCI4H4S18	ASLCI4H4S24	ASLCI4H4S36
Type			Cassette	Cassette	Cassette	Cassette	Cassette
Panel			CDPHS09	CDPHS12	CDPHS18	CDPHS24	CDPHS36
Power Supply		V/ph/Hz	208/230V - 1ph - 60Hz	208/230V - 1ph - 60Hz	208/230V - 1ph - 60Hz	208/230V - 1ph - 60Hz	208/230V - 1ph - 60Hz
Energy Star			Yes	Yes	Yes	Yes	No
Cooling	Capacity	BTU/h	9000	12000	18000	24000	36000
	Capacity (Min-Max)	BTU/h	4850-11600	5800-13100	4200-21000	8600-25200	12600-36800
	Input	W	700	960	1420	1920	3380
	Current	A	3.6	4.3	6.5	8.6	14.6
	EER	W/W	3.76	3.66	3.72	3.66	3.12
	EER	BTU/h/W	12.86	12.50	12.68	12.50	10.65
	SEER	BTU/h/W	20	19	20	19	19.5
Heating	Capacity	BTU/h	9000	12000	18000	24000	36000
	Capacity (Min-Max)	BTU/h	4340-12280	4400-14400	5600-24000	7600-28400	15000-42600
	Input	W	638	926	1350	1950	3190
	Current	A	3.5	4.1	6.3	8.7	14.0
	COP	W/W	4.13	3.80	3.91	3.61	3.31
	COP	BTU/h/W	10.91	11.00	11.25	12.31	10.29
	HSPF	BTU/h/W	9.5	10	10	10	10.5
	Capacity	BTU/h	9000	12000	18000	24000	36000
Capacity Heated at 17°F	BTU/h	6000	7000	11000	19600	27200	
Working Temperature Range	Cooling	°F	5-118	5-118	5-118	5-118	5-118
		°C	-15-48	-15-48	-15-48	-15-48	-15-48
	Heating	°F	5-75	5-75	5-75	5-75	5-75
		°C	-20-24	-20-24	-20-24	-20-24	-20-24
Indoor Sound Pressure (Hi/Med/Lo)		dB(A)	40/-/28	42/38/24	38	43/39/36	49/43/39
Outdoor Sound Pressure (Hi/Med/Lo)		dB(A)	52	52	55	54	61
ESP	Rated	Pa	N/A	N/A	N/A	N/A	N/A
		in-H ₂ O	N/A	N/A	N/A	N/A	N/A
	Range	Pa	N/A	N/A	N/A	N/A	N/A
		in-H ₂ O	N/A	N/A	N/A	N/A	N/A
Throttle Type			N/A	N/A	N/A	N/A	N/A
Design Pressure	H/L	MPa	3.8/1.6	3.8/1.6	3.8/1.6	3.8/1.6	3.8/1.6
	H/L	PSIG	550/240	550/240	550/240	550/240	550/240
Electrical Data							
Min Ampacity		A	15	18	15	23	21
Max TD Fuse/Breaker		A	20	28	20	30	30
Power and Communication		No. x AWG	3x12/4x16	3x14/4x16	3x12/4x16	3x12/4x16	3x10/4x16
Remote Control Adjustable Temperature Range		°C	16-30	16-30	16-30	16-30	16-30
		°F	61-86	61-86	61-86	61-86	61-86
Air Supply System							
Indoor Fan Motor	Output	W	57	57	80	80	124
	Capacitor	µF	N/A	N/A	N/A	N/A	N/A
	Speed (Hi/Med/Low)	r/min	600/500/400	690/600/500	400/320/260	600/480/390	630/600/570
Indoor Air Flow Rated (Hi/Med/LO)		M ³ /h	520/-/-	550/500/400	1000/850/670	1100/900/680	1600/1350/115
		CFM	309/-/-	324/294/235	588/500/394	647/530/400	941/794/676
Outdoor Fan Motor	Output	W	30	30	60	121	138
	Capacitor	µF	N/A	N/A	N/A	N/A	N/A
	Speed (Hi)	r/min	850	880	880	830	850
Outdoor Air Flow		m ³ /h	2300	2300	3150	3800	5800
		CFM	1354	1354	1854	2237	3414
Refrigeration System							
Indoor Coil	Number of Rows		2	3	2	3	3
		Tube Pitch (a)	mm	21	21	21	21
		in	13/16	13/16	13/16	13/16	13/16
	Row Pitch (b)	mm	9.4	9.4	13.6	13.6	13.6
		in	3/8	3/8	17/32	17/32	17/32
	Fin Spacing	mm	1.3	1.3	1.5	1.5	1.5
		Fins Per Inch		20	20	17	17
	Fin Type		Hydrophilic Aluminium	Hydrophilic Aluminium	Hydrophilic Aluminium	Hydrophilic Aluminium	Hydrophilic Aluminium
	Tube Outside Diameter and Type	mm	Φ5,rifled tube	Φ5,innergroove tube	Φ7,innergroove tube	Φ7,innergroove tube	Φ7,innergroove tube
	Coil Dimension (WxHxD)	mm	1258x166x18.8	1213x166.68x28.2	1930x189x27.2	1940x189x40.8	1940x252x40.8
in		49-1/2x6-9/16x3/4	47-3/4x6-9/16x1-1/8	76x7-2/5x1-1/14	76-3/8x7-1/2x5/8	76-1/3x10-1/16x1-5/8	
Number of Circuits		6	6	3	6	6	
Outdoor Coil	Number of Rows		2	2	2	2	2
		Tube Pitch (a)	mm	21	21	21	21
		in	53/64	53/64	53/64	53/64	53/64
	Row Pitch (b)	mm	18.19	21.65	21.65	21.65	21.65
		in	3/4	7/8	7/8	7/8	7/8
	Fin Spacing	mm	1.5	1.5	1.4	1.3	1.6
		Fins Per Inch		17	17	18	20
	Fin Type		Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic	Hydrophilic
	Tube Outside Diameter and Type	mm	Φ7,innergroove tube	Φ7,innergroove tube	Φ7.94,innergroove tube	Φ7.94,innergroove tube	Φ7.94,innergroove tube
	Coil Dimension (WxHxD)	mm	840x546x36.38	840x546x43.3	900x630x43.3	970x798x43.3	1008x964x43.3
in		29-7/8x8-1/4x1-5/8	33x21-1/2x1-5/8	35-2/5x24-4/5x7/10	38-3/16x31-3/8x1-11/16	39-5/8x37-15/16x1-3/4	
Number of Circuits		4	3	3	5	6	
Throttle Type			EEV	EEV	EEV	EEV	EEV
Compressor	Type		Rotary	Rotary	Rotary	Rotary	Rotary
	Brand		GMCC	GMCC	GMCC	GMCC	GMCC
	Capacity	BTU/h	11090	11090	15422	26085	32380
	Input	W	810	810	1165	2080	2600
	Rated Current	A	5.7	5.7	8.1	9.45	5.1
	Refrigerant Oil	ml	Ester Oil VG74/370	Ester Oil VG74/370	Ester Oil VG74/500	VG74/670	PQE VG74/1000
		Oz	Ester Oil VG74/12.5	Ester Oil VG74/12.5	Ester Oil VG74/16.9	VG74/22.7	PQE VG74/33.8
Refrigerant Type/Quantity	Type		R-410A	R-410A	R-410A	R-410A	R-410A
	Refrigerant Charge	kg	0.95	1.3	1.6	2.6	3.15
		oz	33.5	45.9	56.44	91.7	111.2
	Factory	ft	25	25	25	25	25
	Additional	oz	1.23	1.23	1.23	1.23	1.23
Refrigerant Piping	Liquid Line OD	mm/in	Φ6.35(1/4)	Φ6.35(1/4)	Φ6.35(1/4)	Φ9.52(3/8)	Φ9.52(3/8)
		mm/in	Φ9.52(3/8)	Φ9.52(3/8)	Φ12.7(1/2)	Φ15.88(5/8)	Φ19.05(3/4)
	Max Pipe Length	m	25	25	30	50	50
		ft	82	82	98	164	164
	Max Difference in Level	m	10	15	15	30	30
ft		33	49	49	98	98	
DIMENSIONS & WEIGHT							
Indoor Unit	Dimension (WxHxD)	mm	570x215x570	570x215x570	840x248x840	840x248x840	840x298x840
		in	22-1/2x8-1/2x22-1/2	22-1/2x8-1/2x22-1/2	33x9-3/4x33	33x9-3/4x33	33-1/16x11-3/4x33-1/16
	Packing (WxHxD)	mm	730x292x668	730x292x668	996x370x956	996x370x956	996x420x956
		in	28-3/4x11-1/2x26-5/16	28-3/4x11-1/2x26-5/16	39-1/4x14-1/2x37-5/8	39-1/4x14-1/2x37-5/8	39-1/4x16-1/2x37-5/8
	Net Weight	kg	14.5	15.5	25	27	32
		lbs	32	34	56	59.5	70.5
Shipping Weight	kg	17.5	18.5	34	36	41	
	lbs	38.5	40.5	76	79.5	90.4	
Panel	Dimension (WxHxD)	mm	620x40x620	620x40x620	950x45x950	950x45x950	950x45x950
		in	24-3/8x1-5/8x24-3/8	24-3/8x1-5/8x24-3/8	37-3/8x1-3/4x3-3/8	37-3/8x1-3/4x3-3/8	37-3/8x1-3/4x3-3/8
	Packing (WxHxD)	mm	690x115x680	690x115x680	1025x120x1015	1025x120x1015	1025x120x1015
		in	27-1/8x4-1/2x26-3/4	27-1/8x4-1/2x26-3/4	40-1/4x4-3/4x40	40-1/4x4-3/4x40	40-1/4x4-3/4x40
	Net Weight	kg	2.6	2.6	6.5	6.5	6.5
		lbs	5.7	5.7	14.3	14.3	14.3
Shipping Weight	kg	4.5	4.5	9.5	9.5	9.5	
	lbs	9.9	9.9	20.9	20.9	20.9	
Outdoor Unit	Dimension (WxHxD)	mm	810x580x280	810x580x280	860x670x310	950x840x340	950x1050x340
		in	31-7/8x22-7/8x11	31-7/8x22-7/8x11	33-7/8x26-3/8x12-1/4	37-3/8x33x13-3/8	37-3/8x41-5/16x13-3/8
	Packing (WxHxD)	mm	940x640x420	940x640x420	990x730x450	1110x460x920	1110x460x1200
		in	37-1/8x16-1/2x25-1/4	37-1/8x16-1/2x25-1/4	39x17-3/4x28-3/4	43-3/8x18-1/8x36-1/4	43-3/4x18-1/8x47-1/4
	Net Weight	kg	36	36	48	70.5	87
		lbs	75	79.4	105.8	155.4	192
Shipping Weight	kg	38	40	52	75.5	97	
	lbs	83.8	88.2	114.6	166.4	214.5	