

Inverter Scroll Chiller		Model	ACHH020LBAB	ACHH023LBAB	ACHH033LBAB	ACHH040LBAB
Power		Phase,Lines,V	3,4,380~415	3,4,380~415	3,4,380~415	3,4,380~415
Capacity	Cooling	kW	65.0	74.0	114.0	130.0
		RT	18.5	21.0	32.4.0	37.0
	Heating	kW	70.3	82.0	120.0	140.6
		RT	20	23	34	40
Input Power	Cooling	kW	22.2	27.4	36.8	44.4
	Heating	kW	21.6	27.3	35.3	43.3
Max operating Current		A	39	48	72	78
Efficiency	Cooling	W/W	2.93	2.70	3.10	2.93
	Heating	W/W	3.25	3.00	3.40	3.25
SEER		W/W	4.40	4.20	4.50	4.40
SCOP		W/W	3.30	3.30	3.30	3.30
Sound Pressure		dB(A)	67	68	68	68
Sound Power	Cooling	dB(A)	86	87	87	90
	Heating	dB(A)	86	87	88	90
Compressor	Type	-	Scroll	Scroll	Scroll	Scroll
	No. of Compressor	EA	2	2	4	4
	Oil Type	-	PVE	PVE	PVE	PVE
	Oil charge	cc	1,400 × 2	1,400 × 2	1,400 × 4	1,400 × 4
	Sump Heater	W	60 × 2	60 × 2	60 × 4	60 × 4
Refrigerant	Type	-	R410A	R410A	R410A	R410A
	Amount of Charged	kg	7.0 × 2	7.0 × 2	7.0 × 4	7.0 X 4
	GWP	-	2087.5	2087.5	2087.5	2 087.5
	t-CO ₂ eq	-	29.23	29.23	58.45	58.45

Inverter Scroll Chiller		Model	ACHH020LBAB	ACHH023LBAB	ACHH033LBAB	ACHH040LBAB
Evaporator	Type	-	plate	plate	plate	plate
	Pressure drop	kPa	21.5	28.7	18.7	21.5
	Operating Maximum pressure (Refrigerant / Water)	kg/cm ²	42/10	42/10	42/10	42 / 10
	Water Flow Rate_Standard(Cooling/Heating)	LPM	186/200	211/235	327/345	372/400
	Cold Water Flow Rate (Min. / Max.)	LPM	130/242	148/274	229/425	260/484
	Inlet/Outlet diameter(Water pipe)	mm	50A/50A	50A/50A	65A/65A	65A/65A
Fan motor	Type	-	BLDC	BLDC	BLDC	BLDC
	No. of Fan	EA	2	2	4	4
	No. of Vanes	EA	4	4	4	4
	Air Flow Rate	CMM	210 × 2 @1,000 rpm	210 × 2 @1,000 rpm	210 × 4 @1,000 rpm	210 × 4 @1,000rpm
	Motor power	W	900 × 2	900 × 2	900 × 4	900 × 4
Expansion unit		-	EEV	EEV	EEV	EEV
Weight		kg	520	520	970	970
Dimension	W	mm	765	765	1 528	1 528
	H	mm	2 293	2 293	2 293	2 293
	D	mm	2 154	2 154	2 154	2 154
Footprint		m ² /RT	0.089	0.078	0.102	0.089
Protection	High/Low Pressure	-	○	○	○	○
Devices	Anti Frost	-	○	○	○	○
Remote Control		-	Modbus	Modbus	Modbus	Modbus
Power	Power Line	mm ² x C	25 × 5	25 × 5	50 × 5	50 × 5
Outlet	Cooling	°C	4~20	4~20	4~20	4~20
Temperature	Heating	°C	30~55	30~55	30~55	30~55
Ambient	Cooling	°C	-15~48	-15~48	-15~48	-15~48
Temperature	Heating	°C	-30~35	-30~35	-30~35	-30~35
Earth Leakage Breaker		A	60	60	125	125
Guaranteed Load Capacity Range		-	20% ~ 100%			

Inverter Scroll Chiller		Model	ACHH045LBAB	ACHH050LBAB	ACHH060LBAB	ACHH067LBAB
Power		Phase,Lines,V	3,4,380~415	3,4,380~415	3,4,380~415	3,4,380~415
Capacity	Cooling	kW	148.0	171.0	195.0	222.0
		RT	42.1	48.6	55.4	63.1
	Heating	kW	164.0	180.0	210.9	246.0
		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	82.0
Max operating Current		A	96	108	117	144
Efficiency	Cooling	W/W	2.7	3.1	2.93	2.70
	Heating	W/W	3.00	3.4	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		dB(A)	68	68	68	68
Sound Power	Cooling	dB(A)	91	88	91	92
	Heating	dB(A)	92	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 × 4	1,400 × 6	1,400 × 6	1,400 × 6
	Sump Heater	W	60 × 4	60 × 6	60 × 6	60 × 6
Refrigerant	Type	-	R410A	R410A	R410A	R410A
	Amount of Charged	kg	7.0 X 4	7.0 X 6	7.0 X 6	7.0 X 6
	GWP	-	2 087.5	2 087.5	2087.5	2087.5
	t-CO ₂ eq	-	58.45	87.68	87.68	87.68

Inverter Scroll Chiller		Model	ACHH045LBAB	ACHH050LBAB	ACHH060LBAB	ACHH067LBAB
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
	Water Flow Rate_Standard(Cooling/Heating)	LPM	411/470	490/518	558/600	633/705
Evaporator	Cold Water Flow Rate (Min. / Max.)	LPM	288/534	343/637	391/725	443/823
	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 × 4 @1,000rpm	210 × 6 @1,000rpm	210 × 6 @1,000rpm	210 × 6 @1,000rpm
	Motor power	W	900 × 4	900 × 6	900 × 6	900 × 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	High/Low Pressure	-	○	○	○	○
Devices	Anti Frost	-	○	○	○	○
Remote Control		-	Modbus	Modbus	Modbus	Modbus
Power	Power Line	mm ² x C	50 × 5	95 × 5	95 × 5	95 × 5
Outlet	Cooling	°C	4~20	4~20	4~20	4~20
Temperature	Heating	°C	30~55	30~55	30~55	30~55
Ambient	Cooling	°C	-15~48	-15~48	-15~48	-15~48
Temperature	Heating	°C	-30~35	-30~35	-30~35	-30~35
Earth Leakage Breaker		A	125	200	200	200
Guaranteed Load Capacity Range		-	20% ~ 100%			