

460V

Inverter Scroll Chiller	Model	ACAHO20HETB	ACAHO23HETB	ACAHO33HETB	ACAHO40HETB	ACAHO45HETB	ACAHO50HETB	ACAHO60HETB	ACAHO67HETB
		C/O	C/O	C/O	C/O	C/O	C/O	C/O	C/O
Power	Phase, Lines, V	3, 3, 460	3, 3, 460	3, 3, 460	3, 3, 460	3, 3, 460	3, 3, 460	3, 3, 460	3, 3, 460
Capacity	kW	65	74	114	130	148	171	195	222
	RT	18.5	21.0	32.4	37.0	42.1	48.6	55.4	63.1
Input Power	kW	21.5	28.5	36.2	43.0	56.9	54.3	64.6	85.4
Efficiency	W/W	3.02	2.60	3.15	3.02	2.60	3.15	3.02	2.60
IPLV	W/W	5.3	5.1	5.4	5.3	5.1	5.4	5.3	5.1
Sound Pressure	dB (A)	64	66	66	67	69	68	69	71
Compressor	Type	-	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
	No. of Compressor	EA	2	2	4	4	4	6	6
	Oil Type	-	FW68D (PVE)	FW68D (PVE)	FW68D (PVE)	FW68D (PVE)	FW68D (PVE)	FW68D (PVE)	FW68D (PVE)
Refrigerant	Oil charge	cc	1,400 x 2	1,400 x 2	1,400 x 4	1,400 x 4	1,400 x 4	1,400 x 6	1,400 x 6
	Type	-	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Evaporator	Amount of Charged	kg	6.5 x 2	6.5 x 2	6.5 x 4	6.5 x 4	6.5 x 4	6.5 x 6	6.5 x 6
	Type	-	Shell & Tube	Shell & Tube	Shell & Tube	Shell & Tube	Shell & Tube	Shell & Tube	Shell & Tube
	Pressure drop	kPa	38.8	49.2	29.6	38.8	49.2	29.6	38.8
	Operating maximum pressure (Refrigerant / Water)	kg/cm <sup>2</sup>	42/10	42/10	42/10	42/10	42/10	42/10	42/10
	Water Flow Rate (Standard)	LPM	186	211	327	372	422	491	558
Fan motor	Inlet/Outlet diameter (Water pipe)	mm	50A/50A	50A/50A	65A/65A	65A/65A	65A/65A	65A/65A	65A/65A
	Type	-	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC
	No. of Fan	EA	2	2	4	4	4	6	6
	No. of Vanes (per fan)	EA	6	6	6	6	6	6	6
	Air Flow Rate	CMM	246 x 2 @1,000rpm	246 x 2 @1,000rpm	246 x 4 @1,000rpm	246 x 4 @1,000rpm	246 x 4 @1,000rpm	246 x 6 @1,000rpm	246 x 6 @1,000rpm
Motor power	W	900 x 2	900 x 2	900 x 4	900 x 4	900 x 4	900 x 6	900 x 6	
Expansion unit	-	EEV	EEV	EEV	EEV	EEV	EEV	EEV	
Weight	kg	560	560	1,034	1,034	1,034	1,522	1,522	
Dimension	W	mm	765	765	1,528	1,528	1,528	2,291	
	H	mm	2,200	2,200	2,200	2,200	2,200	2,200	
	D	mm	2,154	2,154	2,154	2,154	2,154	2,154	
Footprint	m <sup>2</sup> /RT	0.089	0.078	0.102	0.089	0.078	0.101	0.089	
Protection Devices	High/Low Pressure	-	○	○	○	○	○	○	
	Anti Frost	-	○	○	○	○	○	○	
Remote Control	-	Modbus	Modbus	Modbus	Modbus	Modbus	Modbus	Modbus	
Outlet Temperature	°C	5~20	5~20	5~20	5~20	5~20	5~20	5~20	
Ambient Temperature	°C	-15~48	-15~48	-15~48	-15~48	-15~48	-15~48	-15~48	
Guaranteed Load Capacity Range	20 % ~ 100 %								