

Split Type



Model		FEIHCD035SS	FEIHCD040SS	FEIHCD050SS	FEIHCD060SS	FEIHCD080SS
Power input		220V1PH/50hz(60hz)	220V1PH/50hz(60hz)	220V1PH/50hz(60hz)	220V1PH/50hz(60hz)	220V1PH/50hz(60hz)
Heating condition: air DB20°C/WB 15°C, water from 15°C to 55°C						
Heating capacity	KW	12.3	16.4	20.5	24.6	32.8
Input power (Heating)	KW	2.7	3.5	4.4	5.3	7.0
Input current (Heating)	A	12.1	16.1	20.0	24.0	31.9
COP	W/W	4.62	4.63	4.65	4.65	4.67
Heating condition: air DB 7°C/WB 6°C, water inlet:30°C, water outlet: 35°C						
Heating capacity	KW	10.6	12.3	16.3	18.8	28.1
Input power (Heating)	KW	2.3	2.7	3.5	4.1	6.1
Input current (Heating)	A	10.4	12.1	16.1	18.4	27.6
COP	W/W	4.63	4.63	4.62	4.63	4.63
Heating condition: air DB 7°C/WB 6°C, water inlet:40°C, water outlet: 45°C						
Heating capacity	KW	10.4	12.0	16.0	18.5	28.3
Input power (Heating)	KW	2.7	3.2	4.3	4.9	7.2
Input current (Heating)	A	12.2	14.7	19.6	22.5	32.6
COP	W/W	3.87	3.70	3.72	3.74	3.95
Heating condition: air DB -12°C/WB -14°C, Water inlet :36°C water outlet: 41°C						
Heating capacity	KW	7.21	9.1	12	13.87	20.2
Input power (Heating)	KW	2.8	3.6	4.7	5.5	8.1
Input current (Heating)	A	12.7	16.2	21.1	25.2	36.7
COP②	W/W	2.58	2.55	2.58	2.50	2.50
Cooling condition: air DB 35°C/—, water inlet:12°C,water outlet:7°C						
Cooling capacity	KW	8.5	10.3	14.4	15.9	25.5
Input power	KW	2.8	3.4	4.8	5.3	8.5
Input current	A	12.9	15.6	21.8	24.1	38.5
EER		3.00	3.00	3.00	2.99	3.01
Max running current	A	20.5	27.4	34.0	40.7	53.9
ERP Level (35°C)		A+++	A+++	A+++	A+++	A+++
ERP Level (55°C)		A++	A++	A++	A++	A++
Controller		Inverter Control				
Compressor		DC inverter Panasonic compressor				
Fan motor		DC fan motor				
Refrigerant flow control		Electric Expansion Valve				
Heat exchanger		Plate Heat Exchanger or tube in shell heat exchanger				
Refrigerant		R32/R410A				
Water pump						
Water inlet/outlet	inch	1"	1"	1"	1-1/2"	1-1/2"
Water flow volume	m³/h	1.38	1.72	2.15	2.58	3.44

||| EVI DC Inverter Heat Pump (Split Type Single Phase)



Air / Water Outlet / Mode	Model	Outdoor Unit	KRCRW09Y/(BE)	KRCRW15Y/(BE)	KRCRW18Y/(BE)	KRCRW20Y/(BE)
	Indoor Unit	KRCRW09N/(BE)	KRCRW15N/(BE)	KRCRW18N/(BE)	KRCRW20N/(BE)	
	Power Supply	V/P/Hz	220/1/50(60)	220/1/50(60)	220/1/50(60)	220/1/50(60)
+35°C / +7°C Cooling	Cooling Capacity	kW	8.0	12.5	14.0	16.0
	Cooling Power Input	kW	2.95	4.63	5.19	5.92
	Cooling Current Input	A	13.6	21.4	23.6	26.9
	EER		2.71	2.70	2.70	2.70
+7°C / +35°C Heating	Heating Capacity	kW	9.0	15.0	18.0	20.0
	Heating Power Input	kW	2.16	3.63	4.38	4.85
	Heating Current Input	A	9.8	16.5	19.9	22.0
	COP		4.17	4.13	4.11	4.12
+7°C / +45°C Heating	Heating Capacity	kW	9.0	15.0	18.0	20.0
	Heating Power Input	kW	2.73	4.55	5.45	6.06
	Heating Current Input	A	12.4	20.7	24.8	27.5
	COP		3.30	3.30	3.30	3.30
+2°C / +35°C Heating	Heating Capacity	kW	8.0	13.5	15.5	18.5
	Heating Power Input	kW	2.22	3.80	4.40	5.25
	Heating Current Input	A	10.1	17.3	20.0	23.9
	COP		3.60	3.55	3.52	3.52
-7°C / +35°C Heating	Heating Capacity	kW	7.0	11.5	13.5	16.0
	Heating Power Input	kW	2.21	3.68	4.34	5.18
	Heating Current Input	A	10.0	16.7	19.7	23.5
	COP		3.17	3.13	3.11	3.09
-7°C / +45°C Heating	Heating Capacity	kW	7.0	11.5	13.5	16.0
	Heating Power Input	kW	2.55	4.17	4.98	5.95
	Heating Current Input	A	11.6	19.0	22.6	27.0
	COP		2.75	2.76	2.71	2.69
-15°C / +45°C Heating	Heating Capacity	kW	5.8	9.5	11.5	13.0
	Heating Power Input	kW	2.25	3.62	4.43	5.10
	Heating Current Input	A	10.2	16.5	20.1	23.2
	COP		2.58	2.62	2.60	2.55
Maximum Power Input	kW	2.93	4.71	5.76	6.63	
Maximum Current Input	A	13.3	21.4	26.2	30.1	
Nominal Water Flow Volume	m ³ /h	1.38	2.15	2.41	2.75	
AC Side Water Pressure Drop	kPa	30	34	35	42	
Water Inlet/Outlet (External Threaded)	inch	1"	1"	1"	1"	
Refrigerant		R410A/R32	R410A/R32	R410A/R32	R410A/R32	
Sound Level	dB(A)	48	50	51	54	
IP Rating		IPX4	IPX4	IPX4	IPX4	
Protection against Electric Shock		I	I	I	I	
Outdoor Unit Net Weight	kg	82	110	112	120	
Indoor Unit Net Weight	kg	26	30	35	45	
Outdoor Unit Dimensions(L/W/H)	mm	1145/470/883	1075/450/1285	1075/450/1285	1075/450/1385	
Indoor Unit Dimensions(L/W/H)	mm	540/365/710	540/365/710	540/365/710	540/365/760	

Remarks:

The values of heating capacity/power input/COP are based on measurement of EN14511 standard.

Usage environment, such as operation of the heating equipment, room temperature, and controller adjustments, may cause disparities between practically determined and these values.

In case of changes due to product improvement, the nameplate shall prevail.

EVI DC Inverter Heat Pump (Split Type Three Phase)



Air / Water Outlet / Mode	Model	Outdoor Unit Indoor Unit	KRCRW15Y/S(BE) KRCRW15N/(BE)	KRCRW18Y/S(BE) KRCRW18N/(BE)	KRCRW24Y/S(BE) KRCRW24N/(BE)	KRCRW30Y/S(BE) KRCRW30N/(BE)	KRCRW36Y/S(BE) KRCRW36N/(BE)
	Power Supply	V/P/Hz	380/3/50(60)	380/3/50(60)	380/3/50(60)	380/3/50(60)	380/3/50(60)
+35°C / +7°C Cooling	Cooling Capacity	kW	12.5	14.0	20.0	25.0	30.0
	Cooling Power Input	kW	4.63	5.19	7.41	9.27	11.10
	Cooling Current Input	A	8.6	9.6	13.7	17.2	20.6
	EER		2.70	2.70	2.70	2.70	2.70
+7°C / +35°C Heating	Heating Capacity	kW	15.0	18.0	24.0	30.0	36.0
	Heating Power Input	kW	3.63	4.38	5.80	7.30	8.75
	Heating Current Input	A	6.7	8.1	10.7	13.5	16.2
	COP		4.13	4.11	4.14	4.11	4.11
+7°C / +45°C Heating	Heating Capacity	kW	15.0	18.0	24.0	30.0	36.0
	Heating Power Input	kW	4.50	5.50	7.40	9.10	11.10
	Heating Current Input	A	8.3	10.2	13.7	16.9	20.6
	COP		3.33	3.27	3.24	3.30	3.24
+2°C / +35°C Heating	Heating Capacity	kW	13.5	15.5	21.3	26.8	31.5
	Heating Power Input	kW	3.80	4.40	6.05	7.60	8.98
	Heating Current Input	A	7.0	8.2	11.2	14.1	16.6
	COP		3.55	3.52	3.52	3.53	3.51
-7°C / +35°C Heating	Heating Capacity	kW	11.5	13.5	18.0	23.0	27.6
	Heating Power Input	kW	3.68	4.34	5.80	7.35	8.90
	Heating Current Input	A	6.8	8.0	10.7	13.6	16.5
	COP		3.13	3.11	3.10	3.13	3.10
-7°C / +45°C Heating	Heating Capacity	kW	11.5	13.5	18.0	23.0	27.6
	Heating Power Input	kW	4.17	4.98	6.70	8.40	10.20
	Heating Current Input	A	7.7	9.2	12.4	15.6	18.9
	COP		2.76	2.71	2.69	2.74	2.71
-15°C / +45°C Heating	Heating Capacity	kW	9.5	11.5	15.0	19.0	23.0
	Heating Power Input	kW	3.62	4.43	5.85	7.30	9.00
	Heating Current Input	A	6.7	8.2	10.8	13.5	16.7
	COP		2.62	2.60	2.56	2.60	2.56
Maximum Power Input	kW		4.34	5.32	7.02	8.76	10.80
Maximum Current Input	A		8.0	9.9	13.0	16.2	20.0
Nominal Water Flow Volume	m ³ /h		2.15	2.41	3.44	4.30	5.16
AC Side Water Pressure Drop	kPa		34	35	45	60	65
Water Inlet/Outlet (External Threaded)	inch		1"	1"	1"	1-1/4"	1-1/4"
Refrigerant			R410A/R32	R410A/R32	R410A/R32	R410A/R32	R410A/R32
Sound Level	dB(A)		50	51	55	57	58
IP Rating			IPX4	IPX4	IPX4	IPX4	IPX4
Protection against Electric Shock			I	I	I	I	I
Outdoor Unit Net Weight	kg		110	112	145	150	155
Indoor Unit Net Weight	kg		30	35	50	50	50
Outdoor Unit Dimensions(L/W/H)	mm		1075/450/1285	1075/450/1285	1075/450/1385	1330/515/1585	1330/515/1585
Indoor Unit Dimensions(L/W/H)	mm		540/365/710	540/365/710	540/365/760	680/365/810	680/365/810

Remarks:

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