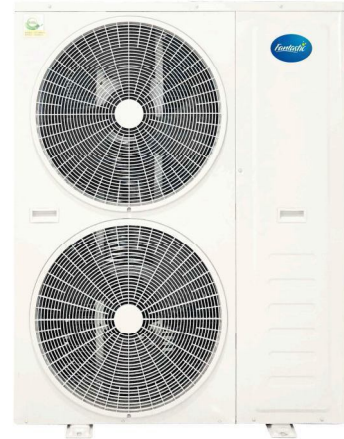


Monoblock Type



Model		FEIHC020S	FEIHC035S	FEIHC040S	FEIHC045S	FEIHC050S	FEIHC060S	FEIHC070S	FEIHC080S
Power input			220V1PH/50hz(60hz)	220V1PH/50hz(60hz)	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	8.2	12.3	16.4	18.0	20.5	24.6	28.4	32.8
Input power (Heating)	KW	1.7	2.7	3.5	3.9	4.4	5.3	5.8	7.0
Input current (Heating)	A	7.5	12.1	16.1	17.6	20.0	24.0	26.5	31.9
COP	W/W	4.96	4.62	4.63	4.65	4.65	4.65	4.87	4.67
Heating condition: air DB 7°C/WB 6°C, water inlet:30°C, water outlet: 35°C									
Heating capacity	KW	6.5	10.6	12.3	14.6	16.3	18.8	24.4	28.1
Input power (Heating)	KW	1.3	2.3	2.7	3.2	3.5	4.1	5.1	6.1
Input current (Heating)	A	6.0	10.4	12.1	14.4	16.1	18.4	19.4	27.6
COP	W/W	4.95	4.63	4.63	4.61	4.62	4.63	4.77	4.63
Heating condition: air DB 7°C/WB 6°C, water inlet:40°C, water outlet: 45°C									
Heating capacity	KW	6.4	10.4	12.0	14.3	16.0	18.5	23.98	28.3
Input power (Heating)	KW	1.6	2.7	3.2	3.9	4.3	4.9	5.9	7.2
Input current (Heating)	A	7.2	12.2	14.7	17.6	19.6	22.5	23.5	32.6
COP	W/W	4.05	3.87	3.70	3.7	3.72	3.74	3.96	3.95
Heating condition: air DB -12°C/WB -14°C, Water inlet :36°C water outlet: 41°C									
Heating capacity	KW	4.51	7.21	9.1	11.0	12	13.87	16.67	20.2
Input power (Heating)	KW	1.7	2.8	3.6	4.3	4.7	5.5	6.5	8.1
Input current (Heating)	A	7.6	12.7	16.2	19.5	21.1	25.2	29.6	36.7
COP②	W/W	2.70	2.58	2.55	2.56	2.58	2.50	2.56	2.50
Cooling condition: air DB 35°C/--, water inlet:12°C,water outlet:7°C									
Cooling capacity	KW	5.5	8.5	10.3	12.95	14.4	15.9	20.9	25.5
Input power	KW	1.8	2.8	3.4	4.3	4.8	5.3	7.1	8.5
Input current	A	8.3	12.9	15.6	19.6	21.8	24.1	32.1	38.5
EER		3.04	3.00	3.00	3.01	3.00	2.99	2.96	3.01
Max running current	A	13.6	20.5	27.4	29.1	34.0	40.7	44.6	53.9
ERP Level (35°C)		/	A+++	A+++	A+++	A+++	A+++	A+++	A+++
ERP Level (55°C)		/	A++	A++	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	Wilo Water Pump								
Water inlet/outlet	inch	1"	1"	1"	1"	1"	1-1/2"	1-1/2"	1-1/2"
Water flow volume	m³/h	0.86	1.38	1.72	1.9	2.15	2.58	3.01	3.44

Monoblock Type



Model		FEIHCD035S3	FEIHCD040S3	FEIHCD050S3	FEIHCD060S3	FEIHCD080S3	FEIHCD100S3	FEIHCD120S3
Power supply	V/PH/Hz	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50	380/3/50
Heating condition: air DB20°C/WB 15°C, water from 15°C to 55°C								
Heating capacity	KW	12.30	16.4	20.5	24.6	32.8	41.00	49.20
Input power (Heating)	KW	2.69	3.57	4.48	5.37	7.16	8.95	10.74
Input current (Heating)	A	4.08	5.42	6.80	8.16	10.88	13.60	16.32
COP	W/W	4.6	4.6	4.6	4.6	4.6	4.6	4.6
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	32.6	37.6
Input power (Heating)	KW	2.29	2.66	3.53	4.06	6.07	7.04	8.12
Input current (Heating)	A	4.2	4.04	6.5	7.5	11.2	13.0	15.0
COP	W/W	4.63	4.63	4.62	4.63	4.63	4.63	4.63
B 7°C/WB 6°C, water inlet:40°C, water outlet: 45°C								
Heating capacity	KW	10.5	12	16.0	18.5	28.3	32.30	37.4
Input power (Heating)	KW	2.71	3.24	4.30	4.95	7.16	8.68	10.00
Input current (Heating)	A	5.0	6.0	8.0	9.2	13.3	16.1	18.5
COP	W/W	3.87	3.70	3.72	3.74	3.95	3.72	3.74
Heating conditon: air DB -12°C/WB -14°C, water outlet: 41°C								
Heating capacity	KW	7.21	9.1	12	13.87	20.2	24.2	28.0
Input power (Heating)	KW	2.71	4.27	4.30	4.95	7.16	8.68	10.00
Input current (Heating)	A	5.0	7.9	8.0	9.2	13.3	16.1	18.5
COP	W/W	2.34	2.13	2.69	2.54	2.40	2.57	2.46
Cooling conditon: 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	27.7	32.0
Input power	KW	2.83	3.43	4.80	5.32	8.47	9.25	10.67
Input current	A	5.2	6.4	8.9	9.9	15.7	17.1	19.8
EER		3.00	3.00	3.00	2.99	3.01	3.00	3.00
Max running current	A	6.8	8.3	11.6	12.8	20.4	22.3	25.7
Noise	dB(A)	53	53	54	54	55	56	56
Water inlet/outlet	inch	1"	1"	1"	1"	1-1/4"	1-1/4"	1-1/4"
Water flow volume	m³/h	1.46	1.77	2.48	2.73	4.39	4.77	5.50
ERP Level (35°C)		A+++	A+++	A+++	A+++	A+++	A+++	A+++
ERP Level (55°C)		A++	A++	A++	A++	A++	A++	A++
Controller		Inverter Control						
Compressor		DC inverter compressor						
Refrigerant flow control		Electric Expansion Valve						
Heat exchanger		Plate Heat Exchanger / High efficient tube in shell heat exchanger						
Refrigerant		R32/R410A						
Produc Demension (L/M/H)	mm	1050/420/850	1050/420/850	1150/470/1250	1150/470/1250	1380/515/1585	1380/515/1585	1380/515/1585
Packing Demension(L/M/H)	mm	1150/450/1000	1150/450/1000	1250/520/1440	1250/520/1440	1450/550/1700	1450/550/1700	1450/550/1700

Monoblock Type



Model		FEICHD150T3	FEICHD200T3	FEICHD250T3	FEICHD300T3	FEICHD500T3	FEICHD600T3
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)	380/3/50(60)
Heating condition: ambient 7 °C, water 35°C							
Heating Capacity	kW	45.0	60.0	75.0	90.0	150.00	180.0
Heating Power Input	kW	10.90	14.60	18.20	21.90	36.40	43.80
Heating Current Input	A	20.2	27.1	33.7	40.6	67.4	81.2
COP		4.13	4.11	4.12	4.11	4.12	4.11
Heating condition: ambient 7 °C, water 45°C							
Heating Capacity	kW	45.0	60.0	75.0	90.0	150.00	180.0
Heating Power Input	kW	12.90	17.10	21.30	27.30	42.60	54.60
Heating Current Input	A	23.9	31.7	39.5	50.6	78.9	101.2
COP		3.49	3.51	3.52	3.30	3.52	3.30
Heating condition: ambient -7 °C, water 35°C							
Heating Capacity	kW	34.5	46.0	58.0	69.0	116.00	138.0
Heating Power Input	kW	11.10	14.70	18.60	22.20	37.20	44.40
Heating Current Input	A	20.6	27.2	34.5	41.1	68.9	82.3
COP		3.11	3.13	3.12	3.11	3.12	3.11
Heating condition: ambient -7 °C, water 45°C							
Heating Capacity	kW	34.5	46.0	58.0	69.0	116.00	138.0
Heating Power Input	kW	12.60	16.80	21.20	25.50	42.40	51.00
Heating Current Input	A	23.3	31.1	39.3	47.2	78.6	94.5
COP		2.74	2.74	2.74	2.71	2.74	2.71
Heating condition: ambient -15 °C, water 35°C							
Heating Capacity	kW	28.5	38.0	48.0	57.0	96.00	114.0
Heating Power Input	kW	10.90	14.50	18.30	21.90	36.60	43.80
Heating Current Input	A	20.2	26.9	33.9	40.6	67.8	81.2
COP		2.61	2.62	2.62	2.60	2.62	2.60
Cooling condition: ambient 35 °C, water 7°C							
Cooling Capacity	kW	37.5	50.0	65.0	75.0	130.0	150.0
Cooling Power Input	kW	13.89	18.50	24.00	27.78	48.00	55.6
Cooling Current Input	A	25.7	34.3	44.5	51.5	88.9	102.9
EER		2.70	2.70	2.71	2.70	2.71	2.70
Maximum Power Input	kW	19.17	25.53	33.12	38.3	66.2	76.68
Maximum Current Input	A	35.5	47.3	61.4	71.0	122.7	142.08
Nominal Water Flow Volume	m³/h	6.45	8.60	11.18	12.9	22.4	25.8
Water Inlet/Outlet	inch	1-1/2"	2"	2-1/2"	2-1/2"	3"	3"
Refrigerant		R410A/R32	R410A/R32	R410A/R32	R410A/R32	R410A/R32	R410A/R32
Sound Level	dB(A)	60	62	65	67	69	69
IP Rating		IPX4	IPX4	IPX4	IPX4	IPX4	IPX4
Protection against Electric Shock		I	I	I	I	I	I
Net Weight	kg	300	650	720	740	960	1000
Unit Dimensions(L/W/H)	mm	1000/1000/1405	1645/805/1700	2036/1103/2020	2036/1103/2020	2350/1200/2205	2350/1200/2205



Model	FEIHCD50T3	FEIHCD90T3	FEIHCD108T3	FEIHCD205T3
Heating conditon: air DB 7°C/WB 6°C, water inlet:40°C, water outlet: 45°C				
Heating Capacity (kW)	49.5(18.0~54.0)	90(33~90)	108(44.3~108.0)	205(86.0~216.0)
Heating Power Input (kW)	14.5(5.0~18.2)	27.2(9.1~27.2)	32.8(12.5~32.8)	58.5(24.5~64.2)
COP	3.41(2.97~3.6)	3.28(3.28~3.55)	3.29(3.29~3.54)	3.29(3.29~3.56)
Heating conditon: air -12°C, water inlet:40°C, water outlet: 45°C				
Heating Capacity (kW)	31.5(13.5~34.2)	58(23.7~58)	70(28.7~70.0)	140(56.0~140.0)
Heating Power Input (kW)	13.6(4.9~16.2)	24.2(9.0~28.0)	29(10.5~29.0)	58(21.0~58.0)
COP	2.31(2.10~2.76)	2.41(2.41~2.73)	2.41(2.41~2.75)	2.41(2.41~2.75)
Heating conditon: air -12°C, water inlet:50°C, water outlet: 55°C				
Heating Capacity (kW)	26.3(12.2~28.4)	48.5(22.2~48.5)	58.2(26.7~58.2)	106.3(52.5~116.5)
Heating Power Input (kW)	14.6(6.4~16.7)	24.2(12.7~24.2)	30.3(15.25~30.3)	60.6(30.5~60.5)
COP	1.80(1.70~1.92)	1.91(1.75~1.91)	1.92(1.75~1.92)	1.92(1.75~1.92)
Heating conditon: air -20°C, water inlet:50°C, water outlet: 55°C				
Heating Capacity (kW)	22.3(9.2~26.7)	40.5(15.2~40.5)	49.2(18.2~49.2)	87.8(36.5~98.5)
Heating Power Input (kW)	15.3(5.3~18.7)	27.2(10.5~27.2)	32.8(12.5~32.8)	60.5(25.3~84.4)
COP	1.46(1.43~1.90)	1.50(1.45~1.90)	1.50(1.45~1.90)	1.50(1.45~1.90)
Cooling conditon: air DB 35°C/---, water inlet:12°C,water outlet:7°C				
Cooling Capacity (kW)	36.0(13.5~37.5)	66(27.0~66.0)	80(32.0~80.0)	159.5(63.2~159.5)
Cooling Power Input (kW)	13.2(5.8~15.5)	27.3(10.1~27.3)	36.3(11.9~36.3)	72.5(23.8~72.5)
EER	2.72(2.42~2.81)	2.7(2.2~2.7)	2.7(2.2~2.7)	2.7(2.2~2.7)
Power Supply	380 V/3PH/50HZ(60)			
Max.Input Current (A)	34.00	60.00	72.00	145.00
NoisedB(A)	58~67	55~68	58~71	65~75
Water inlet/outlet pipe diameter	DN40	DN65	DN65	DN80
Water flow (m3/h)	9.00	15.00	18.00	36.00
Water Pressure Drop (kPa)	80.00	80.00	90.00	100.00
Unit dimensions (mm)	1045*945*1950	2050*1065*2100	2050*1065*2200	2320*1350*2430
Net Weight (kg)	500.00	780.00	880.00	1300.00
Gross Weight (kg)	580.00	880.00	980.00	1600.00

EVI DC Inverter Heat Pump (Monoblock Type Single Phase)



Air / Water Outlet / Mode	Model	KRCRW	09ZA/(BE)	15ZA/(BE)	18ZA/(BE)	20ZA/(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	2.96	4.63	5.19	5.92
	Cooling Current Input	A	13.6	21.4	23.6	26.9
	EER		2.70	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 / +35°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)	53	55	56	58
IP Rating			IPX4	IPX4	IPX4	IPX4
Protection against Electric Shock			I	I	I	I
Net Weight		kg	92	128	131	137
Unit Dimensions(L/W/H)		mm	1145/470/883	1195/470/1285	1195/470/1285	1195/470/1385

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 (Monoblock Type Three Phase)



Air / Water Outlet / Mode	Model	KRCRW	15ZA/S(BE)	18ZA/S(BE)	24ZA/S(BE)	30ZA/S(BE)	36ZA/S(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 / +35°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)	55	56	59	60	61	
IP Rating		IPX4	IPX4	IPX4	IPX4	IPX4	
Protection against Electric Shock		I	I	I	I	I	
Net Weight	kg	128	131	143	208	210	
Unit Dimensions(L/W/H)	mm	1195/470/1285	1195/470/1285	1195/470/1385	1380/515/1585	1380/515/1585	

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.