

13 SEER Single Zone Wall Mount Heat Pump Mini Split with Electric Heat ★

KFTZHP-12, KFTHP-12/18/24 Indoor Unit



KFTHP-09 Indoor Unit



KFTZHP / KFTHP Outdoor Unit



◆ Specification and Technical Data

MODEL	KFTHP-09 ★	KFTZHP-12 ★	KFTHP-12	KFTHP-18	KFTHP-24	
Function	COOLING AND HEATING	COOLING AND HEATING	COOLING AND HEATING	COOLING AND HEATING	COOLING AND HEATING	
Rated Voltage	115V	115V	208-230V	208-230V	208-230V	
Rated Frequency(Hz)	60	60	60	60	60	
Cooling/Heating Capacity(BTU/Hr)	9000/9500	12500/12000	12500/(12000+3070)	18000/(17300+3412)	24000/(23500+3412)	
SEER	13.5	13.0	13.0	13.0	13.0	
Declared EER/Actual EER	11.6/11.3	10.9/10.4	12.3/11.3	11.6/11.3	11.6/10.9	
Declared COP/Actual COP (W/W.h)	3.6/3.3	3.7/3.6	2.6/3.5	2.4/3.3	2.5/3.2	
Cooling/Heating Power Input(W)	800/800	1100/1000	1000/1000	1550/1500	2050/2050	
Cooling/Heating Rated Current(A)	7.3/7.4	9.5/9.0	4.6/(4.6+4.1)	6.7/(6.4+4.5)	9.7/(9.7+4.5)	
Electric Heating Capacity(Btu)	N/A	N/A	3071	3412	3412	
Electric Heating Power(W)	N/A	N/A	900	1000	1000	
Air Flow Volume(CFM)	325/305/290	430/420/400	430/420/400	590/560/540	854/826/800	
HSPF	9.0	8.1	8.7	7.7	7.8	
Dehumidifying Volume(pt/h)	1.41	1.76	2.11	2.64	2.64	
Auto Restart	Yes	Yes	Yes	Yes	Yes	
Breaker Size (A)	15A	15A	10A	15A	20A	
Minimum Circuit Ampacity	9.5A	6.35	6.35	9.55	12.2	
Indoor Unit	Fan Motor Speed(r/min)(L/M/H)	1300/1200/1100	1300/1220/1150	1300/1220/1150	1550/1230/1110	1550/1230/1110
	Output of Fan Motor(W)	12	18	18	60	54
	Fan Motor Capacitor(uf)	1.5	1.5	1.5	2	3
	Fan Motor RAL(A)	0.28	0.14	0.14	0.77	0.75
	Coil(L×H×W)	24.29×12.4×1	27.76×12.4×1	27.76×12.4×1	31.38×14.06×1	37.87×16.54×1
	Evaporator Fan Motor(A)/(W)	0.36/12	0.36/12	0.14/18	0.77/60	0.75/54
	Fuse(A)	6	6	6	6	6
	Noise Level dB (A)(L/M/H)	40/38/36	42/40/38	42/40/38	56/54/50	57/55/52
	Indoor Unit Dimension(W×H×D)(inch)	31.52×11.03×7.29	35×11×8.25	35×11×8.25	40×12.25×8.75	48.13×12.75×9.64
	Dimension of Package(W×H×D)(inch)	34.87×14.42×10.95	39×14×11.5	39×14×11.5	43.25×15.75×11.75	52×16.5×13.5
Net Weight/Gross Weight(LB)	20.5/27	21.5/28	21.5/28	31/39.5	40.5/52.5	
Outdoor Unit	Outdoor Operating Range	24°F to 110°F	24°F to 110°F	24°F to 110°F	24°F to 110°F	24°F to 110°F
	Condenser	aluminum fin-copper tube	aluminum fin-copper tube	aluminum fin-copper tube	aluminum fin-copper tube	aluminum fin-copper tube
	Row-Fin Gap(inch)	2-0.059	2-0.059	2-0.059	2-0.051	2-0.059
	Coil(L×H×W)(inch)	27.87×20.8×1	30.51×20.08×1	30.51×20.08×1	35.83×23.98×1.5	39.96×30×1.5
	Fan motor Speed (rpm)	860	860	860	750	860
	Output of Fan Motor(w)	31	31	31	76	150
	Fan Motor RAL(A)	0.72	0.32	0.32	0.86	1.3
	Fan Motor Capacitor(uf)	5	1.5	1.5	4.0	8.0
	Fan Type-Pipe	Axial fan	Axial fan	Axial fan	Axial fan	Axial fan
	Fan Diameter(inch)	22/28.6	15.8	15.8	18.5	19.3
	Defrosting Method	Auto defrost	Auto defrost	Auto defrost	Auto defrost	Auto defrost
	Noise Level dB (A)	50	52	52	54	59
	Isolation	1	1	1	1	1
	Design Pressure High(Psi)	465	465	465	465	465
Design Pressure Low(Psi)	252	252	252	252	252	
Outdoor Dimension(W×H×D)(inch)	32×21.75×13	32×21.75×13	32×21.75×13	38.75×26.25×15.5	35.75×31.62×17	
Dimension of Package(W×H×D)(inch)	34×24×14.75	34×24×14.75	34×24×14.75	40.5×28.25×17	40.5×33×17.5	
Net Weight/Gross Weight(LB)	67.5/77	67.5/77	67.5/77	109/121.5	133/145	
Refrigerant Charge(lb)	R410A/2.09	R410A/2.25	R410A/2.38	R410A/4.41	R410A/5.84	
Line Sets	Design Length(ft)	24.6	24.6	24.6	24.6	24.6
	Design Pressure High/Low(PSIG)	465/252	465/252	465/252	465/252	465/252
	Extra Refrigerant Charge Per feet above design length(oz/ft)	0.22	0.22	0.22	0.33	0.33
	Outer Diameter Liquid Pipe(inch)	1/4	1/4	1/4	1/4	3/8
	Outer Diameter Gas Pipe(inch)	3/8	3/8	3/8	1/2	5/8
	Max Distance Height(ft)	16.4	16.4	16.4	16.4	16.4
Max Distance Length(ft)	49.2	49.2	49.2	49.2	49.2	

* All technical specifications are subject to change without notice.

★ Selected models are heat pump ONLY, NO electric heat.

Soleus International Inc. Certifies that the capacity and SEER values shown are calculated using the methodology approved by U.S. Department of Energy as specified in Section 430.23(M) of 10cfr part 430.
The calculation procedure utilized the test data collected in accordance with ARI Standard 210/240-89 and has been validated by an independent test in accordance with DOE standards.

