

Eurofred Code			DS-9KDR-2_DOS-9KDR-2 DS-9KDT-2 DOS-9KDT-2	DS-12KDR-2_DOS-12KDR-2 DS-12KDT-2 DOS-12KDT-3	DS-18KDR-2_DOS-18KDR-2 DS-18KDT-2 DOS-18KDT-4	DS-24KDR-2_DOS-24KDR-2 DS-24KDT-2 DOS-24KDT-5
EF model			DT/DR series	DT/DR series	DT/DR series	DT/DR series
Type			heating pump	heating pump	heating pump	heating pump
Control type			remote controller	remote controller	remote controller	remote controller
Cooling capacity	W		2630(940~3400)	3400(1000~3770)	5100(1250-5910)	6610(1830~7810)
Heating capacity	W		2750(940~3500)	3420(1000~3810)	5130(1250-6070)	6670(1850~7930)
SEER	W/W		6,1	6,1	6,1	6,1
Energy Class			A++	A++	A++	A++
EER	W/W		3,25	3,01	3,23	3,04
COP	W/W		3,73	3,40	3,71	3,33
SCOP	W/W		4,0	4,0	4,0	4,0
Energy Class(Average)			A+	A+	A+	A+
Annual energy consumption	Cooling	kwh/a	149	195	293	379
	Average	kwh/a	840	840	1330	1680
Moisture removal	Liters/h		1,00	1,20	1,5	1,8
Indoor sound power(S/H/M/L/Mute)	dB(A)		52/48/43/39/32	52/48/43/39/32	56/52/46/43/37	58/53/49/45/40
Outdoor sound power	dB(A)		62	62	65	68
Indoor sound pressure(S/H/M/L/Mute)	dB(A)		42/38/33/30/22	42/38/33/30/22	45/42/36/33/27	48/46/42/37/30
Outdoor sound pressure	dB(A)		52	52	55	58
Electrical Data						
Power supply			220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P	220-240V~/50Hz/1P
Power supply side			Outdoor	Outdoor	Outdoor	Outdoor
Voltage Range			V	165~265	165~265	165~265
Operating current	Cooling	A	4.6(1.2~8.0)	5.8(1.5~9.0)	8.1(1.7~12.0)	10.8(2.3~12.9)
	Heating	A	4.1(1.2~9.0)	4.9(1.5~10.0)	7.1(1.7~13.0)	9.8(2.3~13.7)
Power consumption	Cooling	W	809(240~1380)	1130(290~1500)	1580(330-2340)	2174(410~2824)
	Heating	W	733(240~1552)	1005(290~1720)	1382(340-2520)	2003(420~3005)
Refrigerating System						
Refrigerant type/Charge/GWP/CO2 equivalent			R32/0.57kg/675/0.385tonnes	R32/0.57kg/675/0.385tonnes	R32/1kg/675/0.675tonnes	R32/1.14kg/675/0.770tonnes
Compressor	Type		Rotary	Rotary	Rotary	Rotary
	Model		KSK103D33UEZC3	KSK103D33UEZC3	C-6RZ146H3DBF	C-6RZ146H3DBF
	MFG		GMCC	GMCC	SANYO	SANYO
Indoor air circulation Cooling/heating			m ³ /h	550/550	550/550	800/800
Indoor fan type			Cross Flow	Cross Flow	Cross Flow	Cross Flow
Indoor fan speed S/H/M/L/Mute	Cooling	rpm	1250/1150/950/850/700	1250/1150/950/850/700	1400/1260/1050/870/800	1270/1200/1000/850/700
	Heating	rpm	1250/1150/1000/900/800	1250/1150/1000/900/800	1400/1260/1050/870/800	1270/1200/1000/850/750
	Dry	rpm	850	850	870	850
	Sleep	rpm	/	/	/	/
Outdoor fan type			Propeller fan	Propeller fan	Propeller fan	Propeller fan
Connections						
Connecting Wiring	Core x Size		4x0.75mm ²	4x0.75mm ²	4x0.75mm ²	4x0.75mm ²
Expansion device			Capillary	Capillary	Capillary	Capillary
Connecting Pipe	Gas	Inches	3/8"	3/8"	3/8"	1/2"
	Liquid	Inches	1/4"	1/4"	1/4"	1/4"
Others						
Application area	m ²		9~16	14~22	20~35	27~45
Max. refrigerant pipe length	m		25	25	25	25
Max. difference in level	m		10	10	10	10
Operation temperature range	°C		16-31	16-31	16-31	16-31
Ambient temperature range	Outdoor	°C	Cooling:-15-53/Heating:-20-30	Cooling:-15-53/Heating:-20-30	Cooling:-15-53/Heating:-20-30	Cooling:-15-53/Heating:-20-30
	Indoor	°C	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30	Cooling:17-32/Heating:0-30
Net dimensions	Indoor	mm	777x250x201	777x250x201	910x294x206	1010x315x220
(W x H x D)	Outdoor	mm	777x498x290	777x498x290	853x602x349	920x699x380
Net weight	Indoor	kg	8	8	10	13
	Outdoor	kg	24	24	35	40
Packing dimensions	Indoor	mm	840x315x260 (61) 850x320x275(71)	840x315x260 (61) 850x320x275(71)	979x372x277	1096x390x297
(W x H x D) w/o pipe	Outdoor	mm	818x520x325	818x520x325	890x628x385	960x732x400
Gross weight	Indoor	kg	10,5	10,5	13	16
	Outdoor	kg	26(w/o pipe) 27(w/i pipe)	26(w/o pipe) 27(w/i pipe)	38(w/o pipe) 39(w/i pipe)	43(w/o pipe) 46(w/i pipe)
Loading Capacity w/o pipe	20'/40'GQ/40'HQ		128/259/310	128/259/310	83/177/203	63/133/142