



TAKI Unità interna			TAKI-09-UI	TAKI-12-UI	TAKI-18-UI	TAKI-24-UI	
			0782320	0782322	0782324	0782326	
TAKI Unità Esterna			TAKI-09-UE	TAKI-12-UE	TAKI-18-UE	TAKI-24-UE	
			0782321	0782323	0782325	0782327	
Alimentazione			Ph-V-Hz	220-240V,1Ph , 50Hz	220-240V,1Ph , 50Hz	220-240V,1Ph , 50Hz	220-240V,1Ph , 50Hz
Raffreddamento nominale	Capacità	kW	2.6(1.1~3.2)	3.2(1.11~3.92)	5.2(1.8~5.9)	6.1(2.0~7.8)	
Assorbimento potenza in raffreddamento			kW	0.82(0.08~1.26)	0.99(0.08~1.45)	1.60(0.14~2.10)	1.89(0.42~3.90)
Corrente in raffreddamento			A	3.8(0.8~5.6)	4.33(0.80~6.40)	7.1(0.6~9.3)	8.3(1.8~19.0)
EER			ww	3.23	3.24	3.25	3.23
Riscaldamento nominale	Capacità	kW	2.93(0.83~3.60)	3.4(1.08~4.16)	5.40(1.30~6.10)	6.74(1.60~7.80)	
Assorbimento potenza in riscaldamento			kW	0.79(0.14~1.16)	0.91(0.17~1.35)	1.39(0.22~1.70)	1.82(0.30~2.50)
Corrente in riscaldamento			A	3.7(1.2~5.2)	3.99(1.40~6.00)	6.1(0.9~7.6)	7.90(1.3~11.1)
COP (coefficiente di prestazione)			ww	3.71	3.74	3.88	3.71
Raffreddamento stagionale	Pdesignnc	kW	2.6	3.2	5.2	6.1	
	SEER	W/W	7.0	7.1	7.4	7.2	
	Energy Efficiency Class		A++	A++	A++	A++	
Riscaldamento (clima medio)	Pdesignnh	kW	2.3	2.8	4.1	4.8	
	SCOP	W/W	4.1	4.1	4.1	4.1	
	Energy Efficiency Class		A+	A+	A+	A+	
Riscaldamento (clima caldo)	Tbiv	°C	-7	-7	-7	-7	
	Pdesigngh	kW	2.5	3.0	4.6	5.6	
	SCOP	W/W	5.1	5.2	5.1	5.1	
	Energy Efficiency Class		A+++	A+++	A+++	A+++	
	Tbiv	°C	2	2	2	2	
Tolleranza			°C	-20	-20	-20	-20
Deumidificazione			L/h	1.1	1.2	2.0	2.9
Consumo massimo in ingresso			W	2200	2200	2800	3900
Corrente massima			A	10.0	10.0	13	19
Compressore	Model		KSN98D13UEZ32	KSN98D13UEZ32	KSN140D33UFZB3	KTM29000D27UKT3	
	Type		ROTARY	ROTARY	ROTARY	ROTARY	
	Brand		GMCC	GMCC	GMCC	GMCC	
	Capacity	W	3050	1915/3050±3%	4350	7270	
	Input	W	800	310/800±3%	1127	1980	
	Rated current(RLA)	A	4.95	2.35/4.95±3%	6.9	9.15	
	Refrigerant oil/oil charge	ml	POE VG74 280±10 ml	POE VG74 280±10 ml	ESTER OIL VG74 420±10ml	POE VG74 500±15ml	
Motore ventilatore interno	Model		ZKFP-31-8-1L	ZKFP-31-8-1L	ZKFP-35-10-188L	ZKFP-58-8-26L	
	Indoor Motor Qty		1	1	1	1	
Batteria interna	Speed(Hi/Mi/Lo)	r/min	1150/990/910	1100/940/860	1000/868/802	1050/910/840	
	a.Number of rows		1	2	2	2	
	b.Tube pitch(a)x row pitch(b)	mm	18x17.3	19.5x11.6	19.5x11.6	19.5x11.6	
	c.Fin spacing	mm	1.3	1.3	1.3	1.3	
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	
	e.Tube outside dia.and type	mm	Φ5,Inner groove tube	Φ5,Inner groove tube	Φ5,Inner groove tube	Φ5,Inner groove tube	
	f.Coil length x height x width	mm	530x72x17.3+530x108x17.3 +530x108x17.3	620x72x17.3+620x117x23.2 +620x108x17.3	770x195x23.2 +770x117x23.2	820x214.5x23.2 +820x117x23.2	
	g.Number of circuits		2	3	4	6	
Indoor air flow (Hi/Mi/Lo/Si)			m3/h	510/380/300/140	600/420/340/170	800/600/470/340	1039/752/606/400
Indoor noise level (Hi/Mi/Lo/Si)			dB(A)	38.5/33.0/23.5/19.0	39.5/34/24/20	43.0/35.5/33.5/20.0	45.0/39.5/36.0/20.0
Indoor sound power level			dB(A)	54	56	58	63
Indoor unit	Dimension(W*D*H)	mm	723×199×286	813×201×289	975×218×308	1055×231×330	
	Packing (W*D*H)	mm	780×270×365	870×270×365	1035×295×385	1130×405×310	
	Net/Gross weight	Kg	7.0/9.2	7.5/9.9/9.75	10.3/13.3	12.4/15.9	
Outdoor fan motor	Model		ZKFN-25-10-6L	ZKFN-25-10-6L	ZKFN-34-10-1L-1	ZKFN-80-10-1L-1	
	Speed	r/min	800/700/600	800/700/600	830/700/650	900/550	
Outdoor coil	a.Number of rows		1.0	2.0	2.0	1.6	
	b.Tube pitch(a)x row pitch(b)	mm	18x17.3	21x22	18x17.3	18x17.3	
	c.Fin spacing	mm	1.3	1.3	1.3	1.3	
	d.Fin type (code)		Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	
	e.Tube outside dia.and type	mm	Φ5,Inner groove tube	Φ7,Inner groove tube	Φ5,Inner groove tube	Φ5,Inner groove tube	
	f.Coil length x height x width	mm	695x468x17.3	740x462x22	870x504x34.6	900*612*17.3+540*612*17.3	
	g.Number of circuits		3	2	8	8	
Outdoor air flow			m3/h	1750	1750	2100	3500
Outdoor sound pressure level			dB(A)	54.5	55.0	57.5	60.0
Outdoor sound power level			dB(A)	62	64	65	68
Outdoor unit	Dimension(W*D*H)	mm	720×270×495	720×270×495	805×330×554	890×342×673	
	Packing (W*D*H)	mm	835×300×540	835×300×540	915×370×615	995×398×740	
	Net/Gross weight	Kg	20.4/22.3	21.1/23	29.8/32.3	38.3/41.5	
Refrigerant	Type		R32	R32	R32	R32	
	GWP		675	675	675	675	
	Charged quantity	Kg	0.46	0.58	0.80	0.95	
Design pressure			MPa	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7	4.3 / 1.7
Refrigerant piping	Liquid side/ Gas side	mm(inch)	6.35mm(1/4in) / 9.52mm(3/8in)	6.35mm(1/4in) / 9.52mm(3/8in)	6.35mm(1/4in) / 12.7mm(1/2in)	6.35mm(1/4in) / 12.7mm(1/2in)	
	Max. refrigerant pipe length	m	25	25	30	50	
	Max. difference in level	m	10	10	20	25	
Connection wiring				1.5x5	1.5x5	1.5x5	2.5x5
Plug type				no plug	no-plug	no plug	no plug
Thermostat type				Remote Control	Remote Control	Remote Control	Remote Control
Room temperature	Indoor(cooling/ heating)	°C	16~32 / 0~30	16~32 / 0~30	16~32 / 0~30	16~32 / 0~30	
	Outdoor(cooling/heating)	°C	-15~50 / -20~24	-15~50 / -20~24	-15~50 / -20~24	-15~50 / -20~24	
Application area (Cooling Standard)			m2	12~18	16~23	24~35	32~47
Qty/per 20' /40' /40'HQ				140/287/320	132/280/305	86/182/208	65/135/156



TAKI MULTI Unità Esterna			UE-TAKI 14-2	UE-TAKI 18-2	UE-TAKI 21-3	UE-TAKI 27-3	
			0782328	0782329	0782330	0782331	
Alimentazione elettrica			Ph-V-Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz	220-240V,1Ph,50Hz
Raffreddamento	Capacità	Btu/h	13,990(4,197~15,355)	18,084(5,425~19,108)	20,814(6,244~21,496)	27,000(8,100~27,000)	
	Capacità	W	4,100(1,230~4,500)	5,300(1,590~5,600)	6,100(1,830~6,300)	7,913(2,374~7,913)	
	Input	W	1,269(190~1,650)	1,641(246~2,010)	1,848(277~2,040)	2,729(396~2,770)	
	Current	A	5,50(1,70~7,40)	7,20(2,10~8,90)	8,30(2,40~9,10)	11,80(3,40~12,30)	
	EER	W/W	3,23	3,23	3,30	2,90	
Heating(Standard conditions)	Capacity	Btu/h	14,672(4,402~15,696)	18,767(5,630~19,449)	21,155(6,347~21,838)	27,000(8,100~28,662)	
	Capacity	W	4,300(1,290~4,600)	5,500(1,650~5,700)	6,200(1,860~6,400)	7,913(2,374~8,400)	
	Input	W	1,144(172~1,750)	1,482(222~1,830)	1,671(251~1,870)	2,133(320~2,970)	
	Current	A	5,10(1,50~7,80)	6,60(1,90~8,10)	7,50(2,20~8,40)	9,60(2,80~13,00)	
	COP	W/W	3,76	3,71	3,71	3,71	
Seasonal Cooling	Pdesignnc	W	4,1	5,3	6,1	7,9	
	SEER	W/W	6,6	6,1	6,7	6,3	
	Energy Efficiency Class		A++	A++	A++	A++	
Heating(Average)	Pdesignnh	kW	3,9	4,6	5	5,8	
	SCOP	W/W	3,8	4,0	4,0	3,8	
	Energy Efficiency Class		A	A+	A+	A	
Heating(Warmer)	Tbiv	°C	-7	-7	-7	-7	
	Pdesignnh	kW	4,1	5,1	5,6	6,3	
	SCOP	W/W	5,1	5,1	4,6	5,1	
	Energy Efficiency Class		A+++	A+++	A++	A+++	
	Tbiv	°C	2	2	2	2	
Tol	°C	-15	-15	-15	-15		
Rated Power Input			W	2,750	3,050	3,910	4,100
Rated Current			A	12	13	17	18
Compressor	Model		KSN140D58UFZ	KSN140D58UFZ	KSN140D58UFZ	KTM240D57UMT	
	Type		ROTARY	ROTARY	ROTARY	Twin-ROTARY	
	Brand		GMCC	GMCC	GMCC	GMCC	
	Capacity	W	4315	4315	4315	7740	
	Input	W	1090	1090	1090	2085	
	Rated current(RLA)	A	7,2	7,2	7,2	9,5	
	Locked rotor Amp(LRA)	A	/	/	/	/	
	Thermal protector		/	/	/	/	
	Thermal protector position		NA	NA	NA	NA	
	Capacitor	µF	/	/	/	/	
	Refrigerant oil/oil charge	ml	ESTER OIL VG74 440	ESTER OIL VG74 440	ESTER OIL VG74 440	ESTER OIL VG74 670	
Outdoor fan motor	Model		ZKFN-34-10-1-9	ZKFN-34-10-1-3	ZKFN-80-8-3	ZKFN-80-8-3	
	Qty		1	1	1	1	
	Input	W	40	40	88	93	
	Capacitor	µF	/	/	/	/	
	Speed	r/min	760/700/500	760/700/500	750/700/600	800/700/580	
Outdoor coil	a.Number of rows		1,0	2,0	1,6	2,0	
	b.Tube pitch(a)x row pitch(b)	mm	Φ7	Φ7	Φ7	Φ7	
	c.Fin spacing	mm	21x22	21x22	21x22	21x22	
	d.Fin type (code)		1,3	1,3	1,3	1,3	
	e.Tube outside dia.and type	mm	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	Hydrophilic aluminum	
	f.Coil length x height x width	mm	870*504*22	860*504*44	900*609*22+540*609*22	900*609*22+865*609*22	
	g.Number of circuits		2	4	5	6	
	Outdoor air flow	m ³ /h	2,100	2,100	3,000	3,000	
Indoor sound power level			dB(A)	55	54	57	
Outdoor sound pressure level			dB(A)	56	56,5	59,5	
Outdoor sound power level			dB(A)	64	64	65	68
Throttle type				(EXV+Capillary)	(EXV+Capillary)	(EXV+Capillary)	(EXV+Capillary)
Outdoor unit	Dimension(W*D*H)	mm	805.00*330.00*554.00	805.00*330.00*554.00	890.00*342.00*673.00	890.00*342.00*673.00	
	Packing (W*D*H)	mm	915*330*615	915*330*615	1,030*342*750	1,030*342*750	
	Net/Gross weight	kg	31,6/34,7	35,0/38,0	43,3/47,1	48,0/51,8	
Refrigerant	Type		R32	R32	R32	R32	
	GW/P		675	675	675	675	
	Charged quantity	kg	1,1	1,25	1,5	1,85	
Design pressure			MPa	4,3 / 1,7	4,3 / 1,7	4,3 / 1,7	4,3 / 1,7
Refrigerant piping	Liquid side/ Gas side	mm(inch)	2x6,35mm(2x1/4in) / 2x9,52mm(2x3/8in)	2x6,35mm(2x1/4in) / 2x9,52mm(2x3/8in)	3x6,35mm(3x1/4in) / 3x9,52mm(3x3/8in)	3x6,35mm(3x1/4in) / 3x9,52mm(3x3/8in)	
	Max. length for all rooms	m	40	40	60	60	
	Max. length for one indoor unit	m	25	25	30	30	
	Max. height difference between indoor and outdoor unit	m	15	15	15	15	
Room temperature	Max. height difference between indoor units	m	10	10	10	10	
	Indoor(cooling/heating)	°C	16~32 / 0~30	16~32 / 0~30	16~32 / 0~30	16~32 / 0~30	
	Outdoor(cooling/heating)	°C	-15~50 / -15~24	-15~50 / -15~24	-15~50 / -15~24	-15~50 / -15~24	

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