

## Specifications of Integrated Series Units

Model		EKAC 060B1	EKAC 060BR1	EKAC 070B1	EKAC 070BR1	EKAC 080B1	EKAC 080BR1	EKAC 100B1	EKAC 100BR1	EKAC 120B1	EKAC 120BR1	EKAC 150B1	EKAC 150BR1		
Nominal cooling capacity	kW	15.5		18		25.5		30.0		36.5		40.8			
	×10 <sup>3</sup> kcal/h	13.33		15.48		21.93		25.80		31.39		35.08			
Nominal heating capacity	kW	--	17.0	--	19.8	--	26.5	--	32	--	42	--	42.5		
	×10 <sup>3</sup> kcal/h	--	14.62	--	17.02	--	22.79	--	27.52	--	36.12	--	36.54		
Total power of nominal cooling capacity	kW	5.2		6.1		8.6		9.9		13		14.1			
Total power of nominal heating capacity	kW	--	5.3	--	6.3	--	8.7	--	10.5	--	13.5	--	13.9		
Power supply		380V/3N~/50Hz													
Refrigerant	Type	R410A													
	Flow control	Capillary						Electronic expansion valve							
Water side heat exchanger	Evaporator type	Vacuum braze-welded stainless steel plate heat exchanger													
	Water flow for cooling	m <sup>3</sup> /h		2.7		3.1		4.4		5.1		6.3		7.0	
	Water flow for heating	m <sup>3</sup> /h		--	2.9	--	3.4	--	4.6	--	5.2	--	6.4	--	7.3
Compressor	Type	Scroll compressor													
	Lubricant	POE													
Fan	Type	High-efficiency axial fan													
	Qty.	2						1							
Water pump	Type	Horizontal centrifugal water pump													
	External lift	m		12		11		15		16		14		11	
Size of inlet/outlet water pipe connector		Rc1				Rc1-1/4				Rc1-1/4					
Dimensions (L/W/H)	mm	1010x490x1245				992x845x1840				1292x845x1840					
Sound	dB(A)	64				62		64		66		67			
Power cable specification	Section area of live line	mm <sup>2</sup>				4				6					
	Qty. of live lines	PCS													
	Section area of null line	mm <sup>2</sup>													
	Qty. of null lines	PCS													
	Section area of grounding line	mm <sup>2</sup>				4				6					
	Qty. of grounding lines	PCS													
Unit weight	Net weight	kg	210	220	225	235	280	290	290	305	330	345	340	355	
	Operating weight	kg	229	239	246	256	310	320	325	340	373	388	388	403	
Water system Accessory kit	Model	EKAC-WS08A						EKAC-WS10A							
	Water tank	L	38						38						
	Expansion water tank	L	8						8						
	Size of pipe connectors		Rc1						Rc1-1/4						

### Note:

- Working conditions for nominal cooling capacity test: water flow rate 0.172m<sup>3</sup>/(h.kw); temperature of outlet water 7°C; outdoor ambient temperature 35°C.
- Working conditions for nominal heating capacity test: water flow rate 0.172m<sup>3</sup>/(h.kw); temperature of outlet water 45°C; temperature of outdoor dry/wet bulb 7°C/6°C.
- The sound level is tested before the unit leaves factory. Practically, due to environment noise and other factors, the sound level tested might be different from those listed in the above table.
- Please refer to the User Manual for specific operation ranges.