

1. GENERAL INFORMATION

1.1. SPECIFICATIONS TABLE

			K30	K40	K50	K60	K80	K100	
Cooling Capacity. kW			105	141	176	211	281	352	
Heating Capacity. kW			86	115	143	172	229	286	
Chilled-hot water	Temperature cooling	Inlet °C.	12.5						
		Outlet °C.	7.0						
	Temperature heating	Inlet °C.	50.5						
		Outlet °C.	55.0						
	Evaporator press. loss kPa		70.1			86.4		97.0	
	Maximum press. kPa		588.0						
	Flow rate	l/s.	4.6	6.1	7.6	9.2	12.2	15.3	
Retention volume	l.	69	87	111	127	241	306		
Cooling water	Heat rejection. kW		191	255	319	383	510	638	
	Temperature	Inlet °C.	29.5						
		Outlet °C.	35.5						
	Abs/Cond press. loss kPa		75.5			97.0		70.1 102.5	
	Maximum press. kPa		588.0						
	Flow rate	l/s.	7.6	10.2	12.7	15.2	20.3	25.4	
Retention volume	l.	145.0	180.0	235.0	296.0	411.0	534.0		
Fuel	Type of fuel.		Natural Gas						
	Fuel (kW) consumption	Cooling.	103	138	172	207	276	345	
		Heating.	103	138	172	207	276	345	
Electrical	Power Supply.		400 VAC/50Hz/3Ph & Neutral						
	Consumption	Cooling W.	1,400	1,800	1,950	2,100	2,300	2,500	
		Heating W.	1,400	1,800	1,900	2,100	2,300	2,500	
	Control	Cooling.	High fire (100%), Low fire (70%), Off						
Heating.		High fire (100%) On, Off							
Construction	Burner	Type.	Forced draft						
		Ignition.	Electric intermittent spark						
		Flame detection.	Flame rectification (Flame rod)						
	Dimensions	Width mm.	1,460			1,780		1,840	
		Depth mm.	1,540			1,780		1,900	
		Height mm.	2,045 (2,440)				2,435 (2,820)		
Dry weight.	kg	1,500	1,700	2,160	2,350	3,400	3,700		
Cabinet color & paint finish		Silver metallic pre-painted hot dip zinc-aluminum sheet steel.							
Piping	Chilled-hot water.	mm	50A	65A		80A	100A		
	Cooling water.	mm	65A	80A			125A		
	Gas supply.	mm	40A			50A			

Power consumption does not include external pumps and cooling tower fans. Dimensions in () include cowl & leveling bolt. Fuel input is based on high heat value of gas