



## CH-K 50 & -K 60

### Specifications:

Direct fired absorption chiller heater with H<sub>2</sub>O/LiBr solution  
 System functionality provides Cooling & Heating  
 with an automatic control mode  
 Utilizing Natural Gas



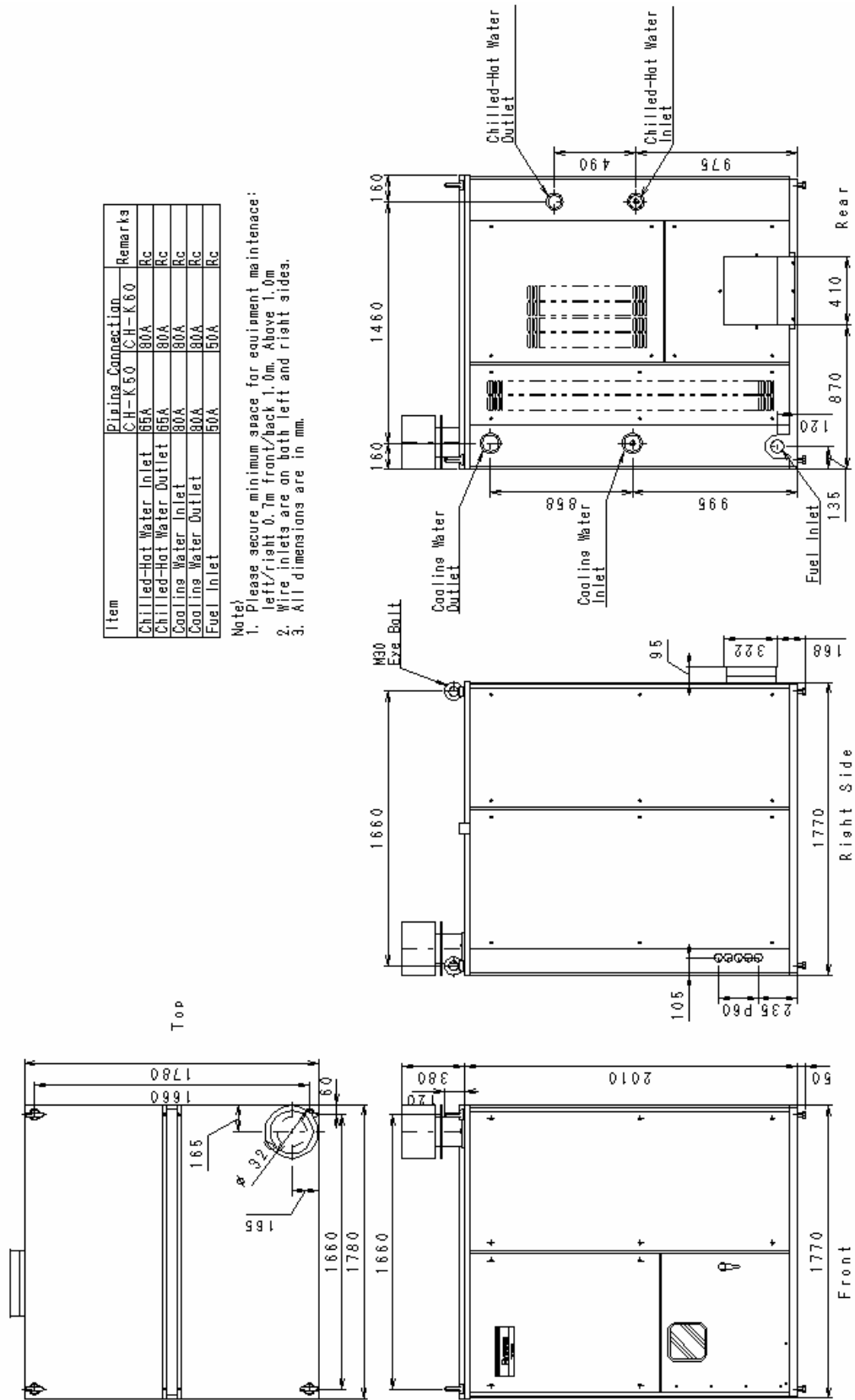
ITEM		MODEL		CH-K50	CH-K60	
Cooling Capacity				kW	176	211
Heating Capacity				kW	143	172
Chilled Water and Hot Water	Chilled Water Temperature	Inlet	°C	12.5		
		Outlet	°C	7.0		
	Hot Water Temperature	Inlet	°C	50.5		
		Outlet	°C	55.0		
	Evaporator Pressure Loss(Max) *3		kPa	70.1		
	Max Operating Pressure		kPa	588		
	Rated Water Flow		L/sec	7.60	9.20	
		m <sup>3</sup> /hr	27.4	33.1		
Water Retention Volume		L	111	127		
Cooling Water	Heat Rejection		kW	319	383	
	Cooling Water Temperature	Inlet	°C	29.5		
		Outlet	°C	35.5		
	Abs.&Cond.Pressure Loss(Max) *3		kPa	75.5	97.0	
	Max Operating Pressure		kPa	588		
	Rated Water Flow		L/sec	12.7	15.2	
			m <sup>3</sup> /hr	45.7	54.7	
Water Retention Volume		L	235	296		
Fuel	Type of fuel		Natural Gas			
	Consumption	Cooling	kW	172	207	
		Heating	kW	172	207	
Electrical	Power Supply		kPa	400VAC 50Hz 3ph. & Neutral		
	Consumption	Cooling	W	1,950	2,100	
		Heating	W	1,900	2,100	
	Control	Cooling	High fire(100%), Low fire(70%), Off			
Heating		High fire(100%) On, Off				
Combustion	Type		Forced draft			
	Ignition		Electric intermittent spark			
	Flame detection		Flame rectification(Flame rod)			
Dimension	Width	mm	1,780			
	Depth	mm	1,780 ( 1,875 )			
	Height *2	mm	2,045 ( 2,440 )			
Piping	Chilled Water	A	65	80		
	Cooling Water	A	80			
	Gas supply	A	50			
Weight	Dry Weight		kg	2,160	2,350	
	Operation Weight		kg	2,510	2,770	

\*1. Power consumption of Chiller Only.(excluding recirculating pumps and cooling tower fan)

\*2. Dimension in( ) include fixed plate and vent cap.

\*3. Specification are subject to change without prior notice.

\*.Fuel consumption is calculated based on higher heating value : 46,047 kJ / Nm<sup>3</sup>



Item	Piping Connection	Remarks
Chilled-Hot Water Inlet	CH-K50 80A	Rc
Chilled-Hot Water Outlet	CH-K60 80A	Rc
Cooling Water Inlet	80A	Rc
Cooling Water Outlet	80A	Rc
Fuel Inlet	50A	Rc

Note)  
 1. Please secure minimum space for equipment maintenance:  
 left/right 0.7m front/back 1.0m. Above 1.0m  
 2. Wire inlets are on both left and right sides.  
 3. All dimensions are in mm.