

Centrifugal Chiller (Reactor)

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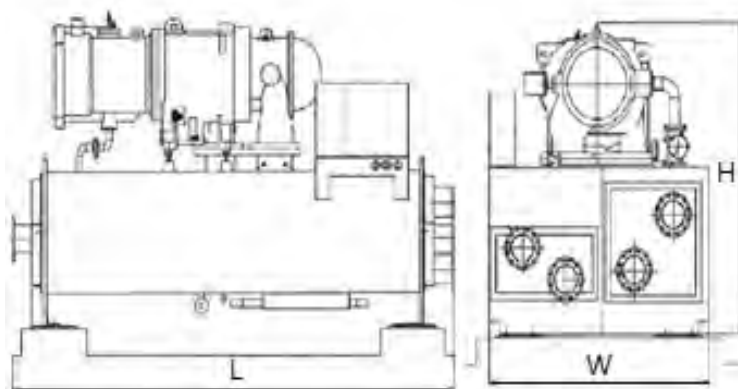
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CLK Corporation

8th~9th Floor, E.C.F.C. Building, 19-7, Nonhyun-dong, Gangnam-gu Seoul, Korea [135-010]

Telephone: +82-2-3441-2586, 8850, 2582 / Fax: +82-2-544-2583 / E-mail: OverseasSales@carrier.co.kr

Centrifugal Chiller (Reactor) - 200 usRT

- Model : **11S020UR (200 usRT)**
- Dimension(Length x Width x Height)
 - 4,000 x 1,860 x 1,990 mm
- Weight
 - Operating : 7,900 kg
 - Carrying in : 6,700 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



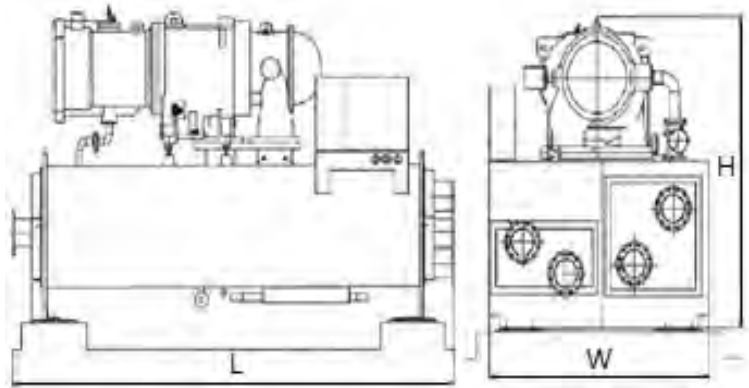
Specification

Coefficient of Performance (COP)		-	5.37
Cooling Capacity		usRT	200
		kW	704
Power	Main Supply	-	380V x 50Hz, 3,300V x 50Hz, 6,600V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	3
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	110
	Input	kW	131
	Standard Method	-	Reactor
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	121
	Pressure Drop	mAq	8.2
	Connection Size	A	125
	Number of Passes	-	3
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	146
	Pressure Drop	mAq	5.0
	Connection Size	A	125
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.

Centrifugal Chiller (Reactor) - 250 usRT

- Model : **11S025UR (250 usRT)**
- Dimension(Length x Width x Height)
 - 3,930 x 1,860 x 1,990 mm
- Weight
 - Operating : 7,900 kg
 - Carrying in : 6,700 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



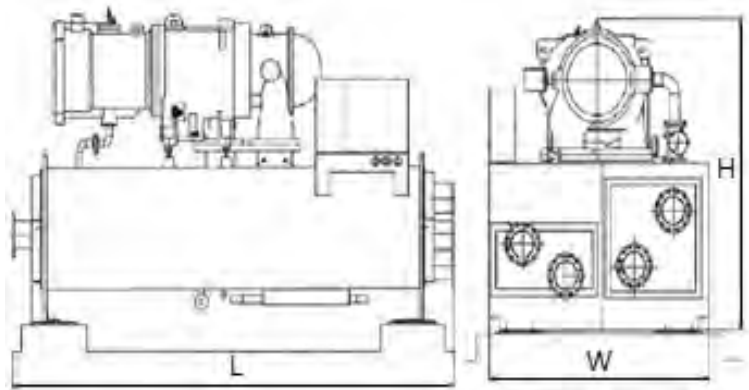
Specification

Coefficient of Performance (COP)		-	5.49
Cooling Capacity		usRT	250
		kW	880
Power	Main Supply	-	380V x 50Hz, 3,300V x 50Hz, 6,600V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	3
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	135
	Input	kW	160
	Standard Method	-	Reactor
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	151
	Pressure Drop	mAq	5.0
	Connection Size	A	150
	Number of Passes	-	2
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	183
	Pressure Drop	mAq	5.8
	Connection Size	A	150
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.

Centrifugal Chiller (Reactor) - 300 usRT

- Model : **11S030UR (300 usRT)**
- Dimension(Length x Width x Height)
 - 3,930 x 1,860 x 1,990 mm
- Weight
 - Operating : 7,900 kg
 - Carrying in : 6,700 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



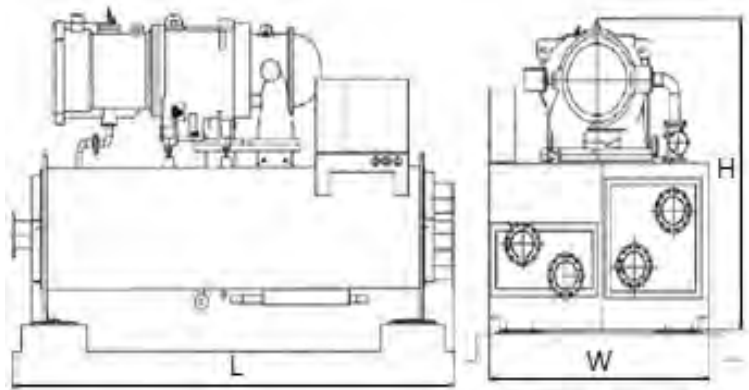
Specification

Coefficient of Performance (COP)		-	5.61
Cooling Capacity		usRT	300
		kW	1,055
Power	Main Supply	-	380V x 50Hz, 3,300V x 50Hz, 6,600V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	3
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	160
	Input	kW	188
	Standard Method	-	Reactor
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	181
	Pressure Drop	mAq	5.8
	Connection Size	A	150
	Number of Passes	-	2
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	219
	Pressure Drop	mAq	7.9
	Connection Size	A	200
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.

Centrifugal Chiller (Reactor) - 400 usRT

- Model : **11S040UR (400 usRT)**
- Dimension(Length x Width x Height)
 - 4,260 x 2,180 x 2,350 mm
- Weight
 - Operating : 13,600 kg
 - Carrying in : 11,700 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



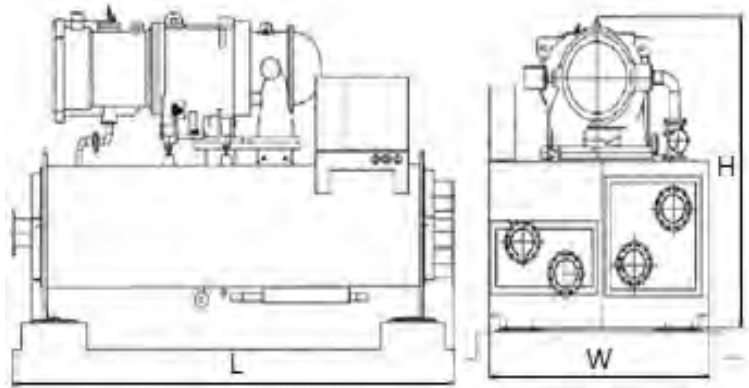
Specification

Coefficient of Performance (COP)		-	5.74
Cooling Capacity		usRT	400
		kW	1,407
Power	Main Supply	-	380V x 50Hz, 3,300V x 50Hz, 6,600V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	4.5
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	210
	Input	kW	245
	Standard Method	-	Reactor
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	242
	Pressure Drop	mAq	9.8
	Connection Size	A	200
	Number of Passes	-	3
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	293
	Pressure Drop	mAq	5.0
	Connection Size	A	200
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.

Centrifugal Chiller (Reactor) - 500 usRT

- Model : **11S050UR (500 usRT)**
- Dimension(Length x Width x Height)
 - 4,100 x 2,180 x 2,350 mm
- Weight
 - Operating : 13,600 kg
 - Carrying in : 11,700 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



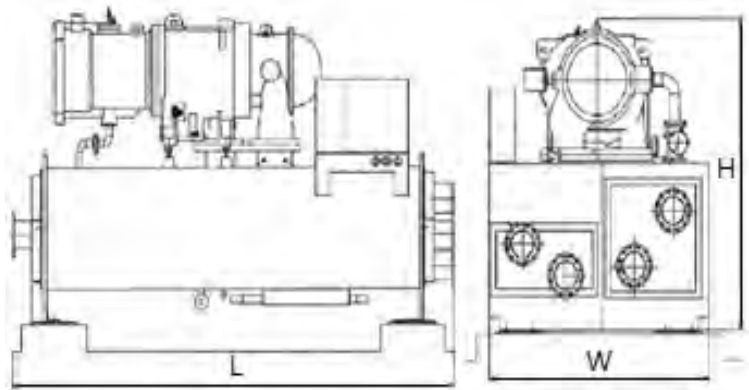
Specification

Coefficient of Performance (COP)		-	5.86
Cooling Capacity		usRT	500
		kW	1,758
Power	Main Supply	-	380V x 50Hz, 3,300V x 50Hz, 6,600V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	4.5
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	260
	Input	kW	300
	Standard Method	-	Reactor
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	302
	Pressure Drop	mAq	5.1
	Connection Size	A	200
	Number of Passes	-	2
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	366
	Pressure Drop	mAq	6.8
	Connection Size	A	250
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.

Centrifugal Chiller (Reactor) - 630 usRT

- Model : **11S063UR (630 usRT)**
- Dimension(Length x Width x Height)
 - 4,600 x 2,650 x 2,600 mm
- Weight
 - Operating : 19,200 kg
 - Carrying in : 16,500 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



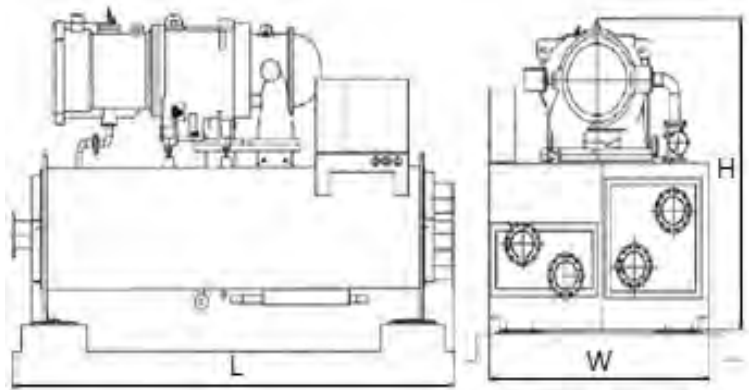
Specification

Coefficient of Performance (COP)		-	6.02
Cooling Capacity		usRT	630
		kW	2,215
Power	Main Supply	-	380V x 50Hz, 3,300V x 50Hz, 6,600V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	4.5
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	310
	Input	kW	368
	Standard Method	-	Reactor
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	381
	Pressure Drop	mAq	5.0
	Connection Size	A	250
	Number of Passes	-	2
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	457
	Pressure Drop	mAq	5.1
	Connection Size	A	250
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.

Centrifugal Chiller (Reactor) - 700 usRT

- Model : **11S070UR (700 usRT)**
- Dimension(Length x Width x Height)
 - 4,600 x 2,650 x 2,600 mm
- Weight
 - Operating : 19,200 kg
 - Carrying in : 16,500 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



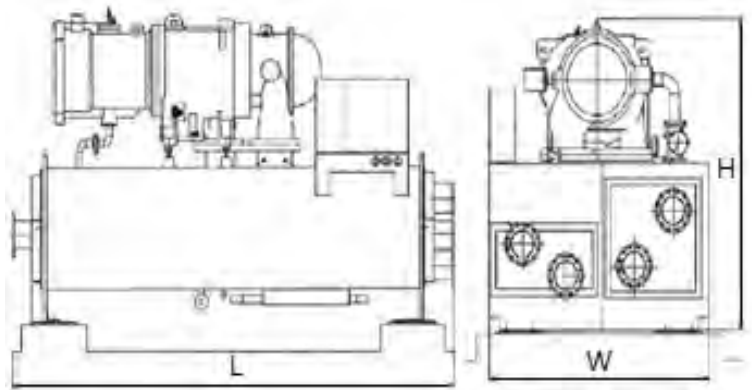
Specification

Coefficient of Performance (COP)		-	6.08
Cooling Capacity		usRT	700
		kW	2,461
Power	Main Supply	-	380V x 50Hz, 3,300V x 50Hz, 6,600V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	4.5
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	375
	Input	kW	405
	Standard Method	-	Reactor
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	423.4
	Pressure Drop	mAq	5.0
	Connection Size	A	250
	Number of Passes	-	2
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	508
	Pressure Drop	mAq	6.1
	Connection Size	A	300
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.

Centrifugal Chiller (Reactor) - 800 usRT

- Model : **11S080UR (800 usRT)**
- Dimension(Length x Width x Height)
 - 4,600 x 2,650 x 2,600 mm
- Weight
 - Operating : 19,200 kg
 - Carrying in : 16,500 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



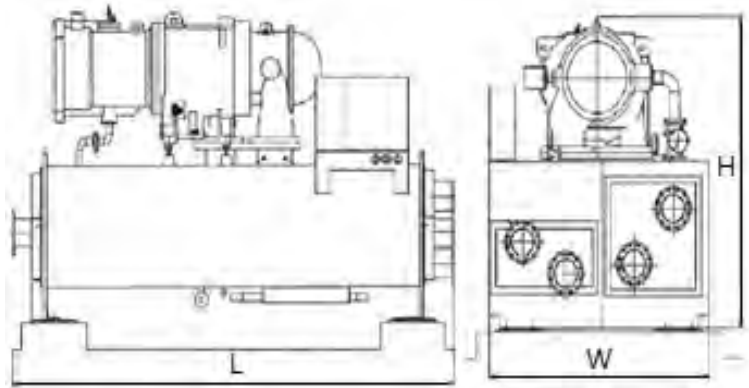
Specification

Coefficient of Performance (COP)		-	6.08
Cooling Capacity		usRT	800
		kW	2,813
Power	Main Supply	-	380V x 50Hz, 3,300V x 50Hz, 6,600V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	4.5
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	395
	Input	kW	463
	Standard Method	-	Reactor
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	484
	Pressure Drop	mAq	6.1
	Connection Size	A	250
	Number of Passes	-	2
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	581
	Pressure Drop	mAq	7.5
	Connection Size	A	300
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.

Centrifugal Chiller (Reactor) – 1,000 usRT

- Model : **11S100UR (1,000 usRT)**
- Dimension (Length x Width x Height)
 - 5,010 x 3,350 x 3,150mm
- Weight
 - Operating : 30,000 kg
 - Carrying in : 23,500 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



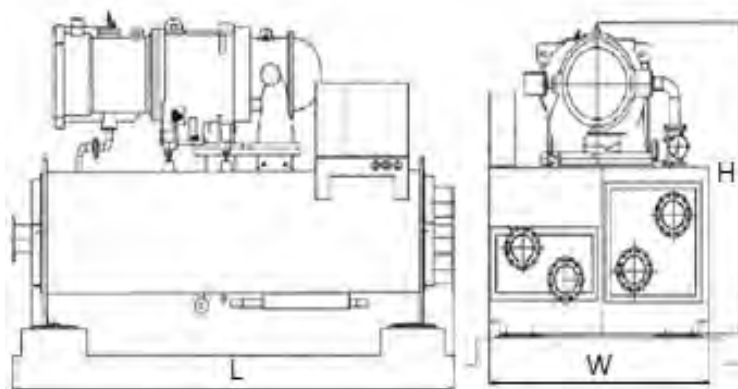
Specification

Coefficient of Performance (COP)		-	6.06
Cooling Capacity		usRT	1,000
		kW	3,516
Power	Main Supply	-	3,300V x 50Hz, 6,600V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	4.5
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	505
	Input	kW	580
	Standard Method	-	Reactor
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	605
	Pressure Drop	mAq	5.0
	Connection Size	A	300
	Number of Passes	-	2
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	726
	Pressure Drop	mAq	5.3
	Connection Size	A	300
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.

Centrifugal Chiller (Reactor) – 1,250 usRT

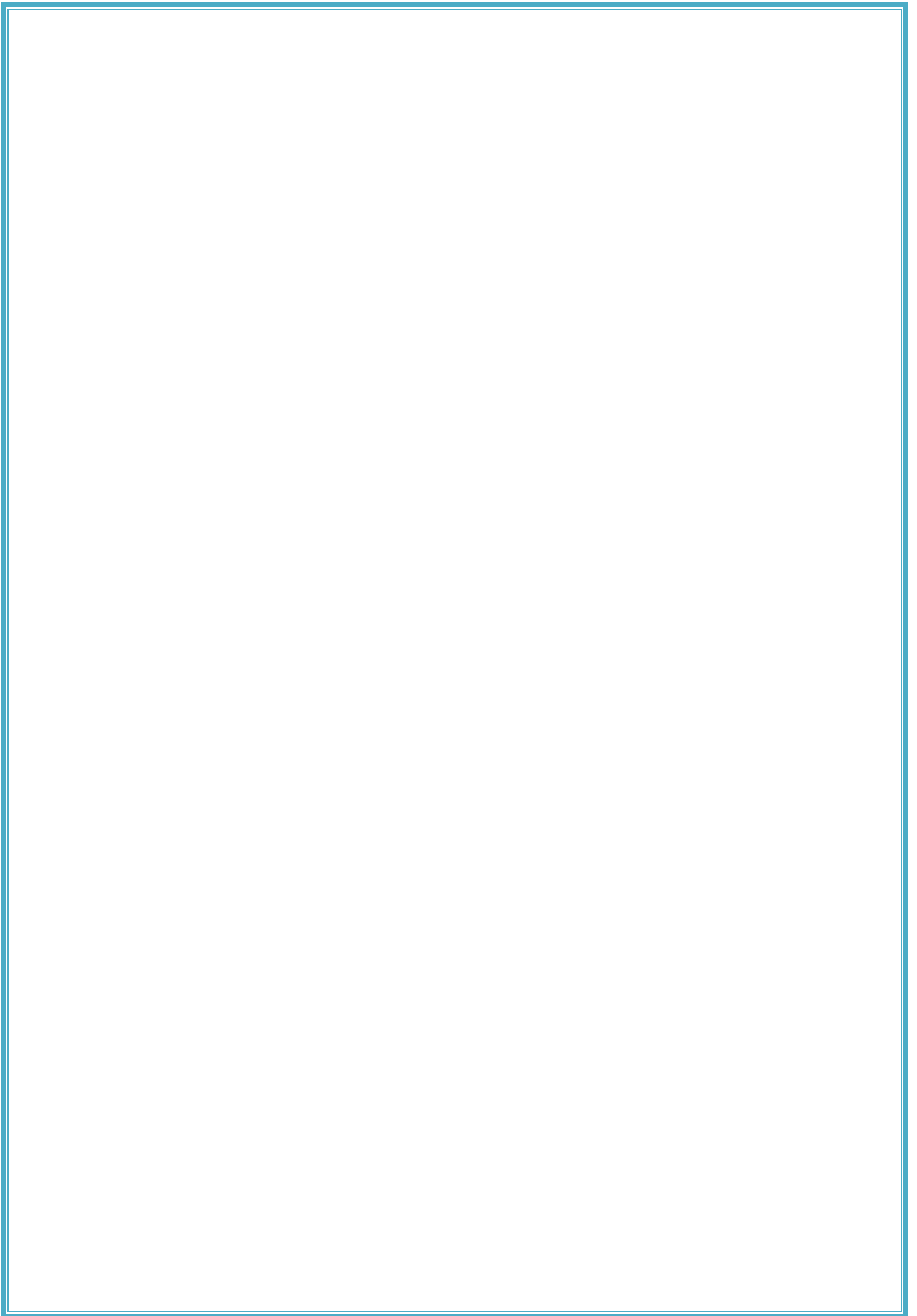
- Model : **11S125UR (1,250 usRT)**
- Dimension(Length x Width x Height)
 - 5,010 x 3,350 x 3,150 mm
- Weight
 - Operating : 30,000 kg
 - Carrying in : 23,500 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



Specification

Coefficient of Performance (COP)		-	6.10
Cooling Capacity		usRT	1,250
		kW	4,395
Power	Main Supply	-	380V x 50Hz, 3,300V x 50Hz, 6,600V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	4.5
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	630
	Input	kW	720
	Standard Method	-	Reactor
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	756
	Pressure Drop	mAq	6.3
	Connection Size	A	300
	Number of Passes	-	2
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	907
	Pressure Drop	mAq	7.8
	Connection Size	A	350
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.



Centrifugal Chiller (Y-△)

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ONLY through the TRUST



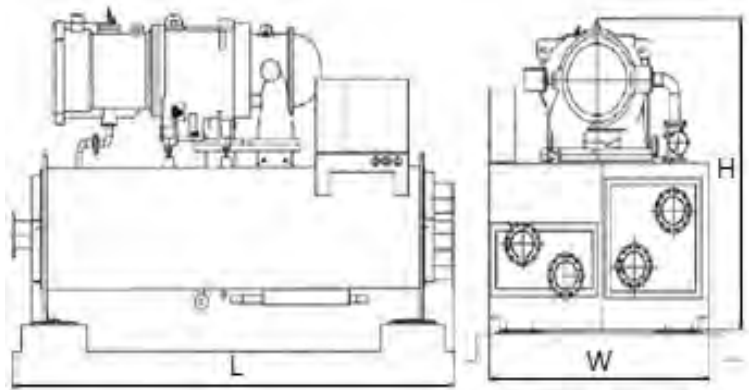
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Centrifugal Chiller (Y-△) - 200 usRT

- Model : **11S020UY (200 usRT)**
- Dimension(Length x Width x Height)
 - 4,000 x 1,860 x 1,990 mm
- Weight
 - Operating : 7,900 kg
 - Carrying in : 6,700 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
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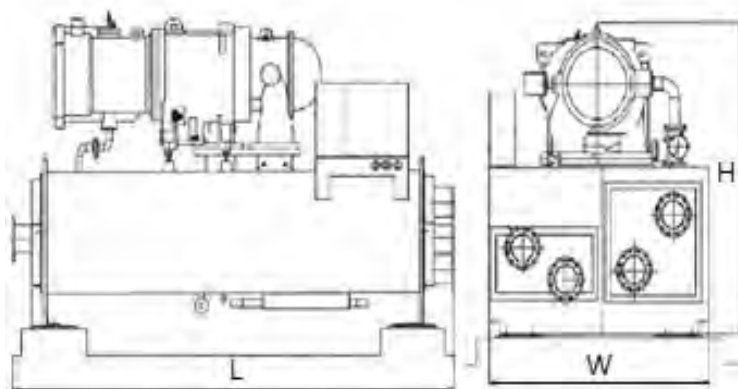
Specification

Coefficient of Performance (COP)		-	5.37
Cooling Capacity		usRT	200
		kW	704
Power	Main Supply	-	380V x 50Hz, 3,300V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	3
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	110
	Input	kW	131
	Standard Method	-	Y-△
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	121
	Pressure Drop	mAq	8.2
	Connection Size	A	125
	Number of Passes	-	3
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	146
	Pressure Drop	mAq	5.0
	Connection Size	A	125
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.

Centrifugal Chiller (Y-△) - 250 usRT

- Model : **11S025UY (250 usRT)**
- Dimension(Length x Width x Height)
 - 3,930 x 1,860 x 1,990 mm
- Weight
 - Operating : 7,900 kg
 - Carrying in : 6,700 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



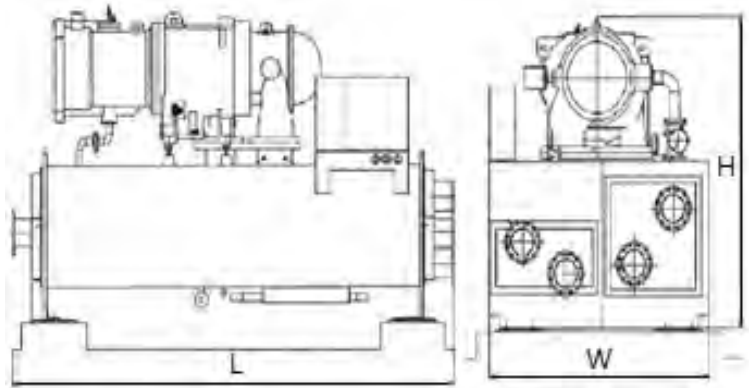
Specification

Coefficient of Performance (COP)		-	5.49
Cooling Capacity		usRT	250
		kW	880
Power	Main Supply	-	380V x 50Hz, 3,300V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	3
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	135
	Input	kW	160
	Standard Method	-	Y-△
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	151
	Pressure Drop	mAq	5.0
	Connection Size	A	150
	Number of Passes	-	2
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	183
	Pressure Drop	mAq	5.8
	Connection Size	A	150
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.

Centrifugal Chiller (Y-△) - 300 usRT

- Model : **11S030UY (300 usRT)**
- Dimension(Length x Width x Height)
 - 3,930 x 1,860 x 1,990 mm
- Weight
 - Operating : 7,900 kg
 - Carrying in : 6,700 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



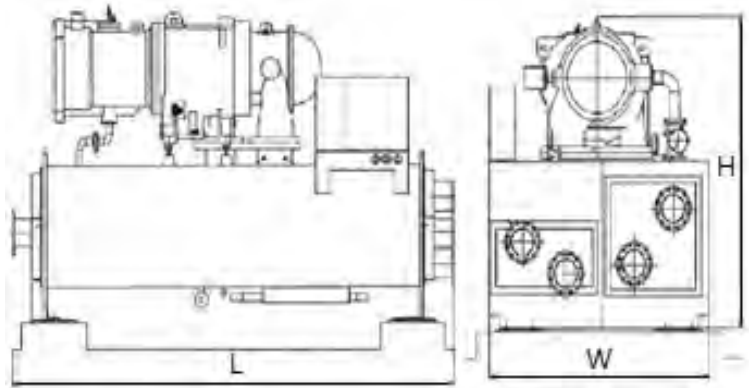
Specification

Coefficient of Performance (COP)		-	5.61
Cooling Capacity		usRT	300
		kW	1,055
Power	Main Supply	-	380V x 50Hz, 3,300V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	3
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	160
	Input	kW	188
	Standard Method	-	Y-△
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	181
	Pressure Drop	mAq	5.8
	Connection Size	A	150
	Number of Passes	-	2
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	219
	Pressure Drop	mAq	7.9
	Connection Size	A	200
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.

Centrifugal Chiller (Y-△) - 400 usRT

- Model : **11S040UY (400 usRT)**
- Dimension(Length x Width x Height)
 - 4,260 x 2,180 x 2,350 mm
- Weight
 - Operating : 13,600 kg
 - Carrying in : 11,700 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



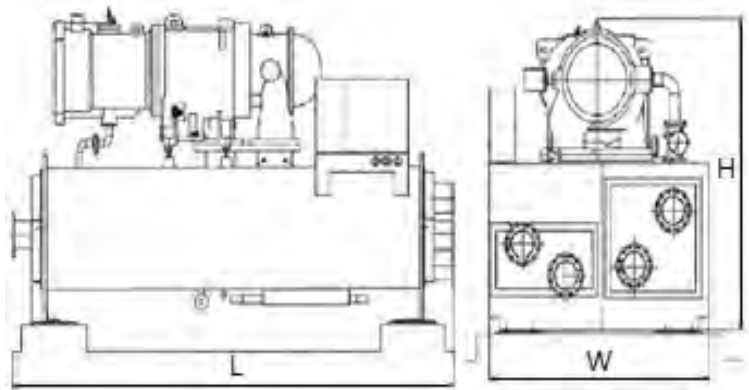
Specification

Coefficient of Performance (COP)		-	5.74
Cooling Capacity		usRT	400
		kW	1,407
Power	Main Supply	-	380V x 50Hz, 3,300V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	4.5
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	210
	Input	kW	245
	Standard Method	-	Y-△
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	242
	Pressure Drop	mAq	9.8
	Connection Size	A	200
	Number of Passes	-	3
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	293
	Pressure Drop	mAq	5.0
	Connection Size	A	200
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.

Centrifugal Chiller (Y-△) - 500 usRT

- Model : **11S050UY (500 usRT)**
- Dimension(Length x Width x Height)
 - 4,100 x 2,180 x 2,350 mm
- Weight
 - Operating : 13,600 kg
 - Carrying in : 11,700 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



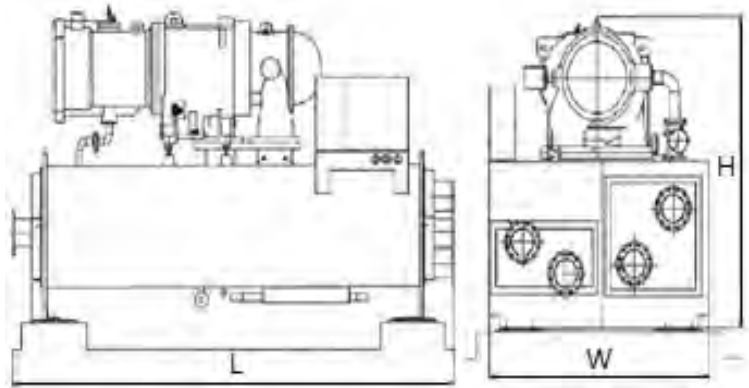
Specification

Coefficient of Performance (COP)		-	5.86
Cooling Capacity		usRT	500
		kW	1,758
Power	Main Supply	-	380V x 50Hz, 3,300V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	4.5
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	260
	Input	kW	300
	Standard Method	-	Y-△
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	302
	Pressure Drop	mAq	5.1
	Connection Size	A	200
	Number of Passes	-	2
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	366
	Pressure Drop	mAq	6.8
	Connection Size	A	250
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.

Centrifugal Chiller (Y-△) - 630 usRT

- Model : **11S063UY (630 usRT)**
- Dimension(Length x Width x Height)
 - 4,600 x 2,650 x 2,600 mm
- Weight
 - Operating : 19,200 kg
 - Carrying in : 16,500 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



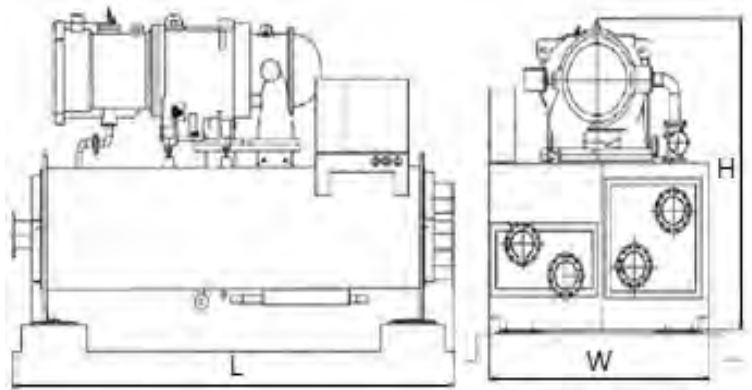
Specification

Coefficient of Performance (COP)		-	6.02
Cooling Capacity		usRT	630
		kW	2,215
Power	Main Supply	-	380V x 50Hz, 3,300V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	4.5
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	310
	Input	kW	368
	Standard Method	-	Y-△
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	381
	Pressure Drop	mAq	5.0
	Connection Size	A	250
	Number of Passes	-	2
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	457
	Pressure Drop	mAq	5.1
	Connection Size	A	250
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.

Centrifugal Chiller (Y-△) - 700 usRT

- Model : **11S070UY (700 usRT)**
- Dimension(Length x Width x Height)
 - 4,600 x 2,650 x 2,600 mm
- Weight
 - Operating : 19,200 kg
 - Carrying in : 16,500 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



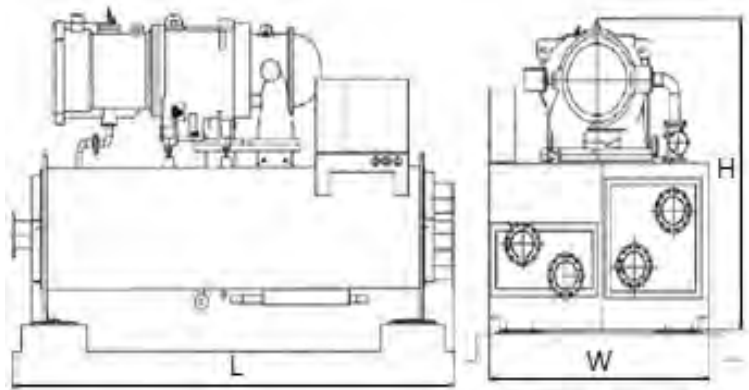
Specification

Coefficient of Performance (COP)		-	6.08
Cooling Capacity		usRT	700
		kW	2,461
Power	Main Supply	-	380V x 50Hz, 3,300V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	4.5
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	375
	Input	kW	405
	Standard Method	-	Y-△
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	423.4
	Pressure Drop	mAq	5.0
	Connection Size	A	250
	Number of Passes	-	2
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	508
	Pressure Drop	mAq	6.1
	Connection Size	A	300
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.

Centrifugal Chiller (Y-△) - 800 usRT

- Model : **11S080UY (800 usRT)**
- Dimension(Length x Width x Height)
 - 4,600 x 2,650 x 2,600 mm
- Weight
 - Operating : 19,200 kg
 - Carrying in : 16,500 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



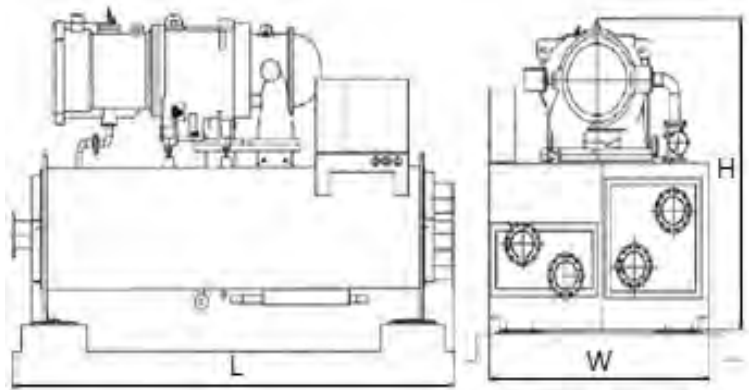
Specification

Coefficient of Performance (COP)		-	6.08
Cooling Capacity		usRT	800
		kW	2,813
Power	Main Supply	-	380V x 50Hz, 3,300V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	4.5
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	395
	Input	kW	463
	Standard Method	-	Y-△
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	484
	Pressure Drop	mAq	6.1
	Connection Size	A	250
	Number of Passes	-	2
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	581
	Pressure Drop	mAq	7.5
	Connection Size	A	300
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.

Centrifugal Chiller (Y-△) – 1,000 usRT

- Model : **11S100UY (1,000 usRT)**
- Dimension(Length x Width x Height)
 - 5,010 x 3,350 x 3,150mm
- Weight
 - Operating : 30,000 kg
 - Carrying in : 23,500 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



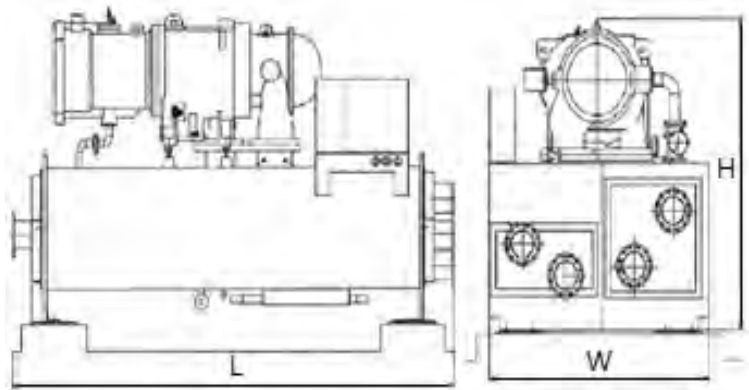
Specification

Coefficient of Performance (COP)		-	6.06
Cooling Capacity		usRT	1,000
		kW	3,516
Power	Main Supply	-	3,300V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	4.5
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	505
	Input	kW	580
	Standard Method	-	Y-△
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	605
	Pressure Drop	mAq	5.0
	Connection Size	A	300
	Number of Passes	-	2
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	726
	Pressure Drop	mAq	5.3
	Connection Size	A	300
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.

Centrifugal Chiller (Y-△) – 1,250 usRT

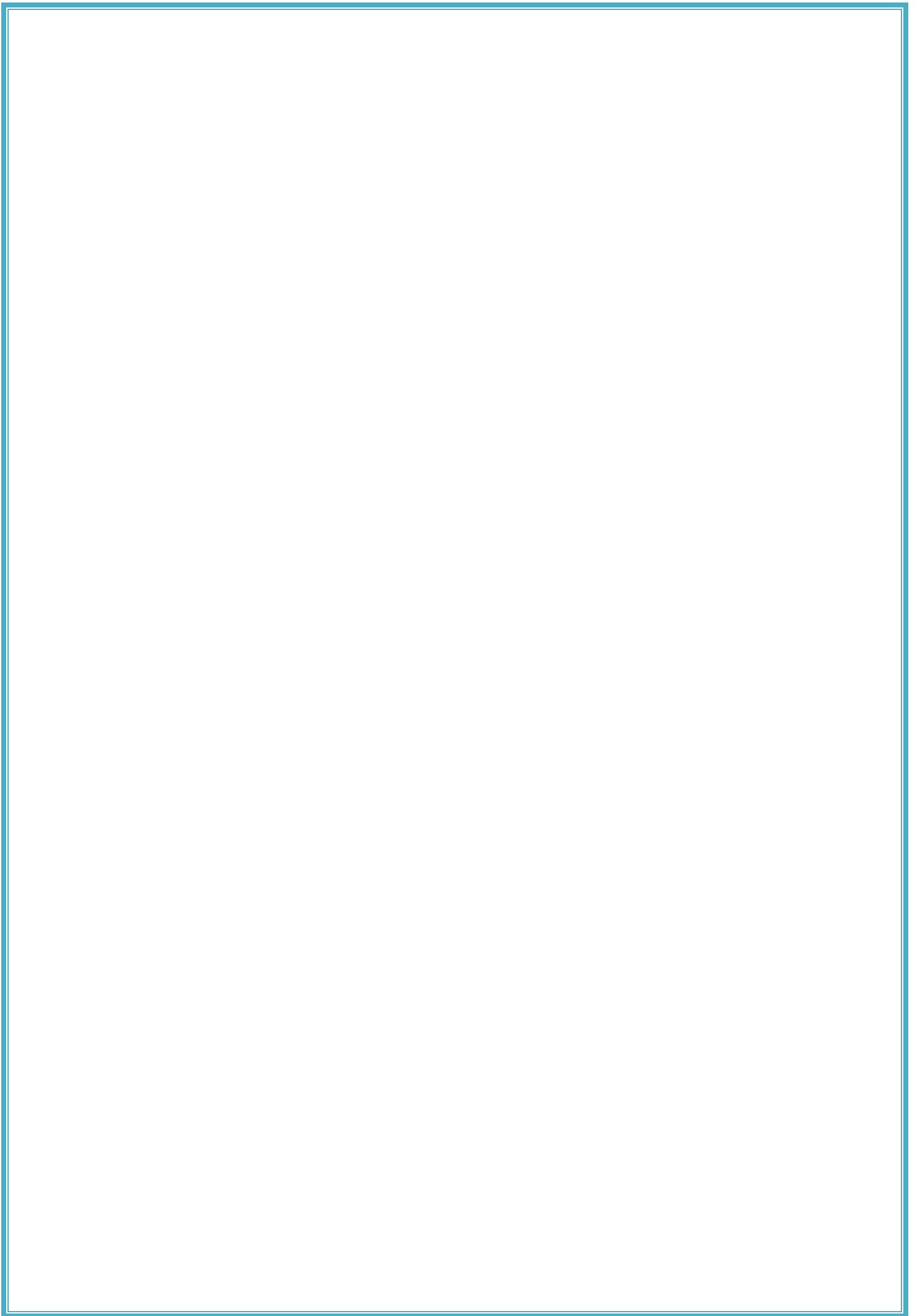
- Model : **11S125UY (1,250 usRT)**
- Dimension(Length x Width x Height)
 - 5,010 x 3,350 x 3,150 mm
- Weight
 - Operating : 30,000 kg
 - Carrying in : 23,500 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



Specification

Coefficient of Performance (COP)		-	6.10
Cooling Capacity		usRT	1,250
		kW	4,395
Power	Main Supply	-	3,300V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	4.5
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	630
	Input	kW	720
	Standard Method	-	Y-△
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	756
	Pressure Drop	mAq	6.3
	Connection Size	A	300
	Number of Passes	-	2
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	907
	Pressure Drop	mAq	7.8
	Connection Size	A	350
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

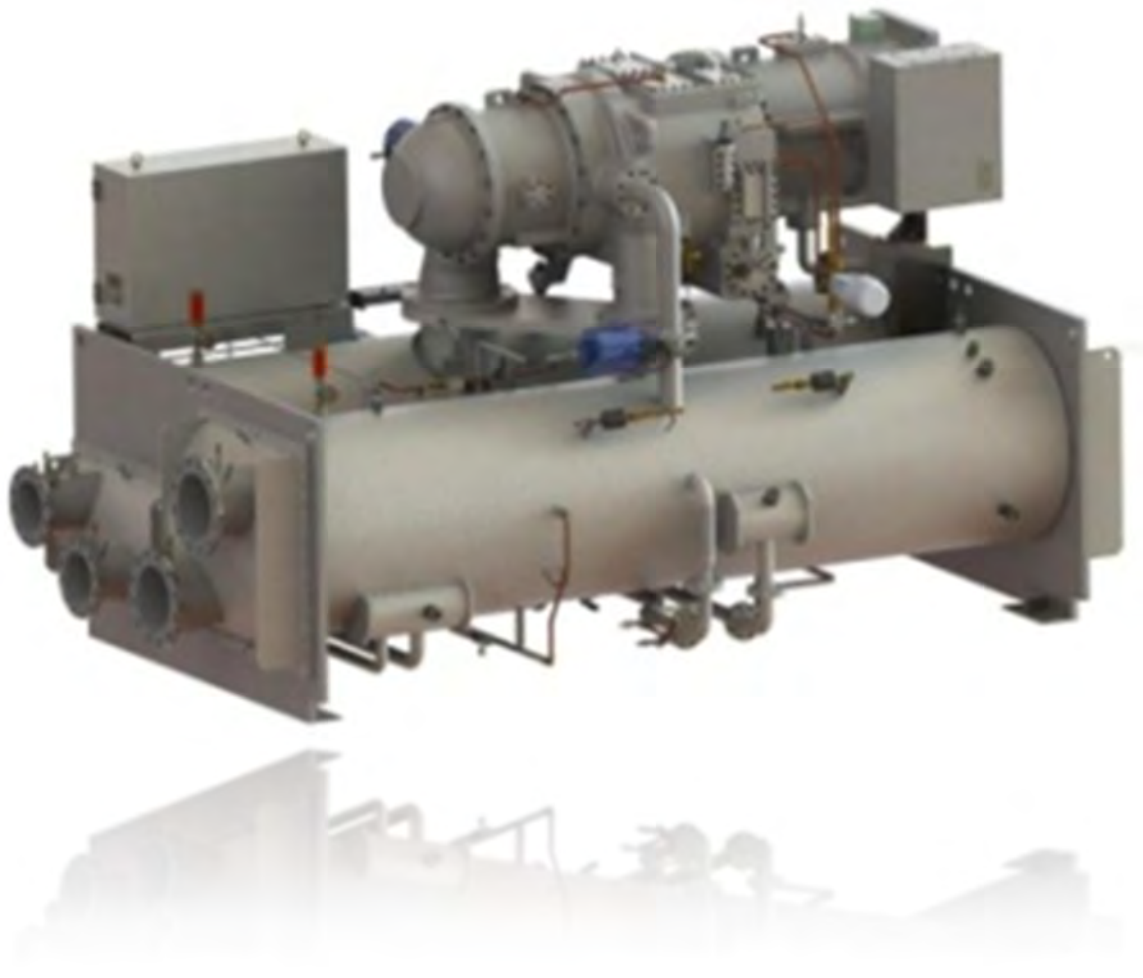
- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.



Centrifugal Chiller (Inverter)

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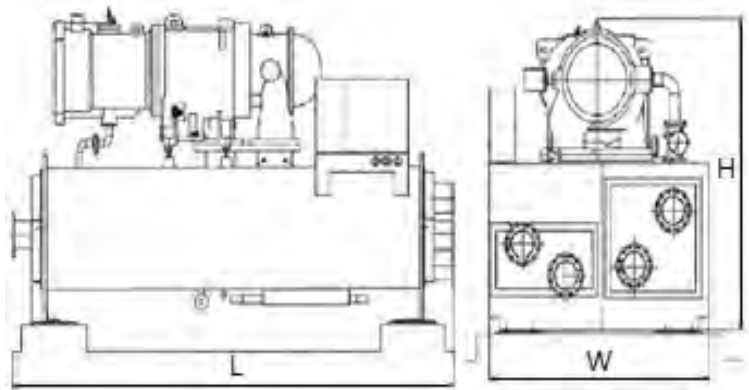
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Centrifugal Chiller (Inverter) - 200 usRT

- Model : **11S020UI (200 usRT)**
- Dimension(Length x Width x Height)
 - 4,000 x 1,860 x 1,990 mm
- Weight
 - Operating : 7,900 kg
 - Carrying in : 6,700 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



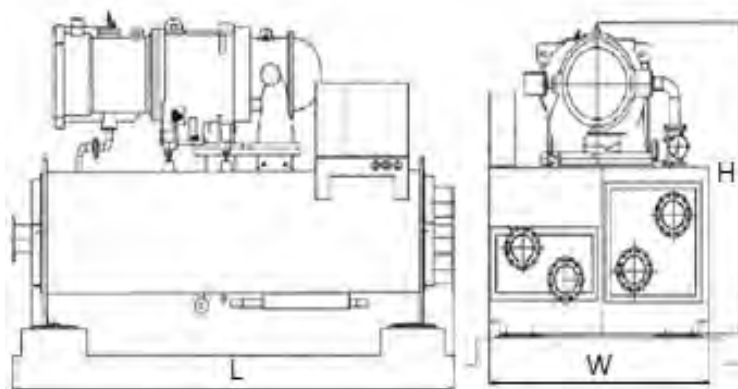
Specification

Coefficient of Performance (COP)		-	5.37
Cooling Capacity		usRT	200
		kW	704
Power	Main Supply	-	380V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	3
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	110
	Input	kW	131
	Standard Method	-	Inverter
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	121
	Pressure Drop	mAq	8.2
	Connection Size	A	125
	Number of Passes	-	3
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	146
	Pressure Drop	mAq	5.0
	Connection Size	A	125
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.

Centrifugal Chiller (Inverter) - 250 usRT

- Model : **11S025UI (250 usRT)**
- Dimension(Length x Width x Height)
 - 3,930 x 1,860 x 1,990 mm
- Weight
 - Operating : 7,900 kg
 - Carrying in : 6,700 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



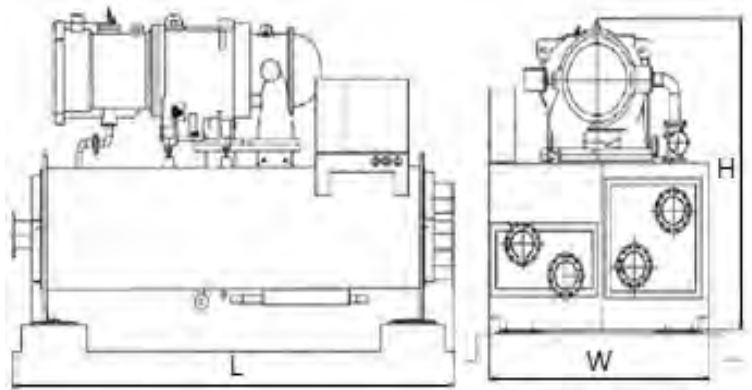
Specification

Coefficient of Performance (COP)		-	5.49
Cooling Capacity		usRT	250
		kW	880
Power	Main Supply	-	380V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	3
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	135
	Input	kW	160
	Standard Method	-	Inverter
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	151
	Pressure Drop	mAq	5.0
	Connection Size	A	150
	Number of Passes	-	2
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	183
	Pressure Drop	mAq	5.8
	Connection Size	A	150
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.

Centrifugal Chiller (Inverter) - 300 usRT

- Model : **11S030UI (300 usRT)**
- Dimension(Length x Width x Height)
 - 3,930 x 1,860 x 1,990 mm
- Weight
 - Operating : 7,900 kg
 - Carrying in : 6,700 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



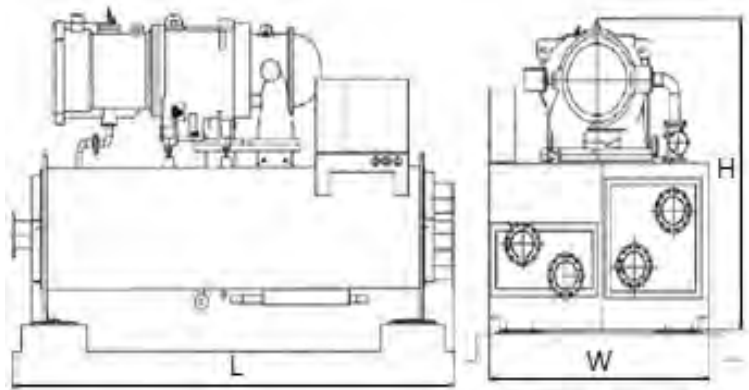
Specification

Coefficient of Performance (COP)		-	5.61
Cooling Capacity		usRT	300
		kW	1,055
Power	Main Supply	-	380V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	3
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	160
	Input	kW	188
	Standard Method	-	Inverter
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	181
	Pressure Drop	mAq	5.8
	Connection Size	A	150
	Number of Passes	-	2
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	219
	Pressure Drop	mAq	7.9
	Connection Size	A	200
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.

Centrifugal Chiller (Inverter) - 400 usRT

- Model : **11S040UI (400 usRT)**
- Dimension(Length x Width x Height)
 - 4,260 x 2,180 x 2,350 mm
- Weight
 - Operating : 13,600 kg
 - Carrying in : 11,700 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



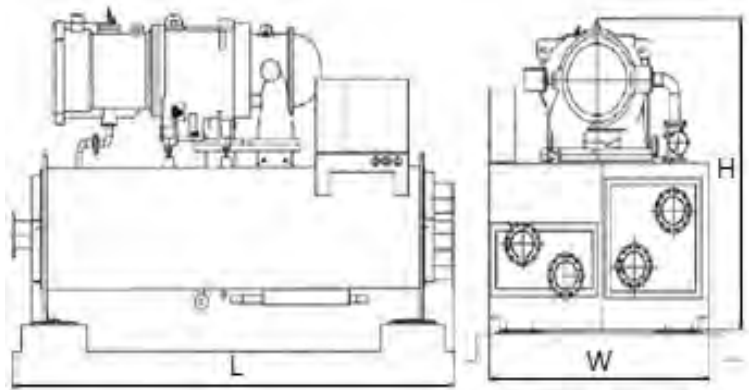
Specification

Coefficient of Performance (COP)		-	5.74
Cooling Capacity		usRT	400
		kW	1,407
Power	Main Supply	-	380V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	4.5
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	210
	Input	kW	245
	Standard Method	-	Inverter
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	242
	Pressure Drop	mAq	9.8
	Connection Size	A	200
	Number of Passes	-	3
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	293
	Pressure Drop	mAq	5.0
	Connection Size	A	200
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.

Centrifugal Chiller (Inverter) - 500 usRT

- Model : **11S050UYI (500 usRT)**
- Dimension(Length x Width x Height)
 - 4,100 x 2,180 x 2,350 mm
- Weight
 - Operating : 13,600 kg
 - Carrying in : 11,700 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



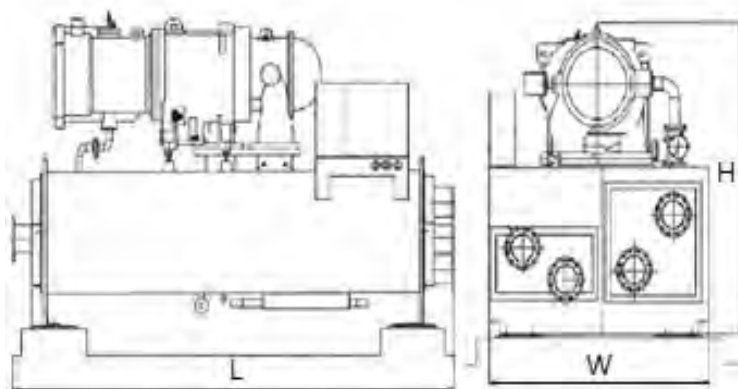
Specification

Coefficient of Performance (COP)		-	5.86
Cooling Capacity		usRT	500
		kW	1,758
Power	Main Supply	-	380V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	4.5
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	260
	Input	kW	300
	Standard Method	-	Inverter
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	302
	Pressure Drop	mAq	5.1
	Connection Size	A	200
	Number of Passes	-	2
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	366
	Pressure Drop	mAq	6.8
	Connection Size	A	250
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.

Centrifugal Chiller (Inverter) - 630 usRT

- Model : **11S063UI (630 usRT)**
- Dimension(Length x Width x Height)
 - 4,600 x 2,650 x 2,600 mm
- Weight
 - Operating : 19,200 kg
 - Carrying in : 16,500 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



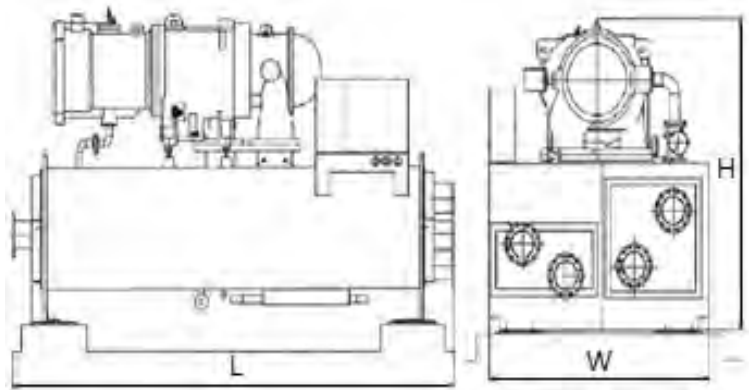
Specification

Coefficient of Performance (COP)		-	6.02
Cooling Capacity		usRT	630
		kW	2,215
Power	Main Supply	-	380V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	4.5
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	310
	Input	kW	368
	Standard Method	-	Inverter
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	381
	Pressure Drop	mAq	5.0
	Connection Size	A	250
	Number of Passes	-	2
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	457
	Pressure Drop	mAq	5.1
	Connection Size	A	250
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.

Centrifugal Chiller (Inverter) - 700 usRT

- Model : **11S070UI (700 usRT)**
- Dimension(Length x Width x Height)
 - 4,600 x 2,650 x 2,600 mm
- Weight
 - Operating : 19,200 kg
 - Carrying in : 16,500 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



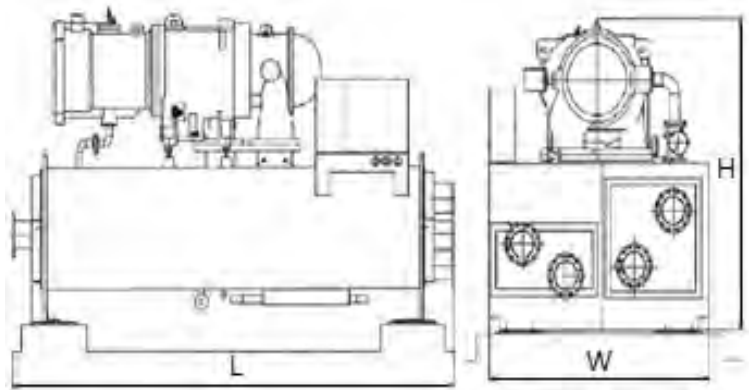
Specification

Coefficient of Performance (COP)		-	6.08
Cooling Capacity		usRT	700
		kW	2,461
Power	Main Supply	-	380V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	4.5
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	375
	Input	kW	405
	Standard Method	-	Inverter
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	423.4
	Pressure Drop	mAq	5.0
	Connection Size	A	250
	Number of Passes	-	2
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	508
	Pressure Drop	mAq	6.1
	Connection Size	A	300
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.

Centrifugal Chiller (Inverter) - 800 usRT

- Model : **11S080UI (800 usRT)**
- Dimension(Length x Width x Height)
 - 4,600 x 2,650 x 2,600 mm
- Weight
 - Operating : 19,200 kg
 - Carrying in : 16,500 kg
- Features
 - Large capacity chiller manufacturing
 - Low vibration and no pulse
 - Convenient ALL IN ONE compressor
 - High efficiency enhanced heat transfer tube
 - Internal economizer cycle and internal sub cooling device
 - No internal REF. leakage with shrouded Impeller Wide capacity control range and proportional control
 - Great reliability and maintenance guaranteed by level control system for variable load, oil recovery system for low temperature CW and oil supply system for power failure protection



Specification

Coefficient of Performance (COP)		-	6.08
Cooling Capacity		usRT	800
		kW	2,813
Power	Main Supply	-	380V x 50Hz
	Control Supply	-	1Ph x AC 220V x 50Hz
	Aid Equipment	kVA	4.5
Compressor	Type	-	Semi-Hermetic Centrifugal Type
	Output	kW	395
	Input	kW	463
	Standard Method	-	Inverter
Chilled Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	12
	Outlet Temp.	°C	7
	Flow Rate	m³/h	484
	Pressure Drop	mAq	6.1
	Connection Size	A	250
	Number of Passes	-	2
Cooling Water	Type	-	Shell & Tube Type
	Inlet Temp.	°C	32
	Outlet Temp.	°C	37
	Flow Rate	m³/h	581
	Pressure Drop	mAq	7.5
	Connection Size	A	300
	Number of Passes	-	2
Refrigerant		-	R – 134a
Capacity Control Range		%	20 ~ 100

- Note)**
1. This table is applicable to chiller manufactures for normal water, fouling factor is assumed 0.086m²k/kW both chilled and cooling water.
 2. Maximum working pressure is 0.7Mpa for both chilled and cooling water.
 3. Specifications are subject to change.