General Data (R22)

	HP		40HP	50HP	60HP	80HP	100HP	120HP	140HP
Nominal Cooling Capacity*1	Chander	kW	139.5	172	212.5	279	344	425	485
	Standard //Heat Recovery	kcal/h	119,970	147,920	182,750	239,940	295,840	365,500	417,100
		RT	39.7	48.9	60.4	79.3	97.8	120.8	137.9
Nominal Cooling Capacity*2	Low Temp.	kW	81	100	124	163	200	248	284
		kcal/h	69,660	86,000	106,640	140,180	172,000	213,280	243,810
		RT	23.0	28.4	35.3	46.4	56.9	70.5	80.6
Heat Recovery Capacity ★1		kW	21	26	32	42	52	64	72
Hot Water Flow Rate*3 ★1		m³/h	0.7	0.9	1.1	1.4	1.8	2.2	2.5
Cooling CapacityControl		- 12	Continuous Capacity Control						
		%	100~15,0 100~15,(7.5)*4,0						100~15,0
Cooling CapacityControl ★3		70 <u>222</u> 2	Step Capacity Control					Continous	
		%	100,75,50,15,0 100,75,50,25,0					100~50.0	
	Type	_	R22						
	Flow Control	1/22	Electronic Expansion Valve						
Refrigerant	Number Of		7					T	8,80
	Circuits	-	.1			2			1
Compressor	Type	9200	Semi-Hermetic Screw Type						
	Model		ASCCW-40Z ASCCW-50Z ASCCW-60Z			ASCCW-40Z ASCCW-50Z ASCCW-60Z			ASCCW-130Z
	Quantity			1			2		1
Compressor + 3	Type	7/25	Semi-Hermetic Screw Type						
		1017.00	ASCCW-40Z ASCCW-50Z ASCCW-60Z			ASCCW-40Z ASCCW-50Z ASCCW-60Z			ASCCW-130Z
Compressor + 3	Model								
Compressor★3	Model Quantity	_	ASCCIVI-40Z	1	1100011002	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2		1
8 0	Quantity	100000	ASCCVV-40Z		7,00011002		2		1
Compressor ★ 3 Conde Evapor	Quantity nser	100000	ASCOVI-40Z			Shell-and-Tube -Tube Type,Dry I	2 Type		1
Conde	Quantity nser rator	100000	Three-Phæ	1 se Overcurrent Re	Shell-and elay, High-Pressu Protection Them	Shell-and-Tube -Tube Type,Dry I ure Switch, Low-F	2 Type Expansion Type Pressure Switch hase Protection	Oil Heater, Interr Relay, Discharge	al Thermostat for Gas Thermistor,
Conde Evapor Safety D	Quantity nser rator		Three-Phas Compress	1 se Overcurrent Re or Motor, Freeze	Shell-and elay, High-Pressu Protection Them Operation Ho	Shell-and-Tube -Tube Type,Dry I use Switch, Low-F nist or, Reverse P	2 Type Expansion Type Pressure Switch hase Protection	Oil Heater, Interr Relay, Discharge	Gas Thermistor,
Conde Evapor Safety D	Quantity nser rator evices	-	Three-Phas Compress	1 se Overcurrent Re	Shell-and elay, High-Pressu Protection Them Operation Ho	Shell-and-Tube -Tube Type, Dry lure Switch, Low-finist or, Reverse Pour-Meter and Pre	2 Type Expansion Type Pessure Switch, hase Protection assure Relief Val	Oil Heater, Interr Relay, Discharge ve.	Gas Thermistor,
Conde Evapor Safety D Piping Connections or Condenser	Quantity nser rator evices		Three-Phat Compress	1 se Overcurrent Re or Motor, Freeze With DN65 Flang	Shell-and elay, High-Pressu Protection Them Operation Ho	Shell-and-Tube -Tube Type,Dry I ure Switch, Low-f nistor, Reverse P ur-Meter and Pre	2 Type Expansion Type Pressure Switch, hase Protection assure Relief Val 4 4	Oil Heater, Intern Relay, Discharge ve. 4 4	Gas Thermistor,
Conde Evapor Safety D Piping Connections or Condenser Piping Connections	Quantity nser rator evices Inlet Outlet	- - Rc Rc	Three-Phat Compress	1 se Overcurrent Re or Motor, Freeze	Shell-and elay, High-Pressu Protection Them Operation Ho	Shell-and-Tube -Tube Type,Dry I ure Switch, Low-f nistor, Reverse P ur-Meter and Pre	2 Type Expansion Type Pressure Switch, hase Protection assure Relief Val 4 4	Oil Heater, Interr Relay, Discharge ve. 4	Gas Thermistor,
Conde Evapor Safety D Piping Connections or Condenser Piping Connections	Quantity nser rator evices Inlet Outlet Inlet		Three-Pha Compress	1 se Overcurrent Re or Motor, Freeze With DN65 Flang	Shell-and elay, High-Pressu Protection Them Operation Ho e	Shell-and-Tube -Tube Type,Dry I use Switch, Low-f nist or, Reverse P our-Meter and Pre 4 4	2 Type Expansion Type Pressure Switch, hase Protection assure Relief Val 4 4	Oil Heater, Interr Relay, Discharge ve. 4 4 WN 125 Flange	Gas Thermistor,
Conde Evapor Safety D Piping Connections or Condenser Piping Connections for Evaporator	Quantity nser rator evices Inlet Outlet Inlet Outlet		Three-Phac Compress	1 se Overcurrent Re or Motor, Freeze With DN65 Flang With DN80 Flang	Shell-and elay, High-Pressu Protection Them Operation Ho e e pe	Shell-and-Tube -Tube Type,Dry I use Switch, Low-f nist or, Reverse P our-Meter and Pre 4 4 With \$\pi 28	2 Type Expansion Type Pressure Switch, hase Protection assure Relief Val 4 4 With D	Oil Heater, Intern Relay, Discharge ve. 4 4 0N 125 Flange	Gas Thermistor, With DN 100 Flang With φ78 Inner
Conde Evapor Safety D Piping Connections or Condenser Piping Connections for Evaporator Hot Water Piping	Quantity nser rator evices Inlet Outlet Inlet Outlet Inlet		Three-Phac Compress	or Motor, Freeze With DN65 Flang With DN80 Flang	Shell-and elay, High-Pressu Protection Them Operation Ho e e pe	Shell-and-Tube -Tube Type,Dry I use Switch, Low-f nist or, Reverse P our-Meter and Pre 4 4 With \$\pi 28	2 Type Expansion Type Pressure Switch, hase Protection assure Relief Val 4 4 With D	Oil Heater, Intern Relay, Discharge ve. 4 4 0N 125 Flange	Gas Thermistor, With DN 100 Flang With φ78 Inner
Conde Evapor Safety Di Piping Connections or Condenser Piping Connections for Evaporator Hot Water Piping Connections 1	Quantity nser rator evices Inlet Outlet Inlet Outlet Inlet Outlet Height	Rc Rc R	Three-Phac Compress	or Motor, Freeze With DN65 Flang With DN80 Flang 2.3 Inner Diamete	Shell-and elay, High-Pressu Protection Them Operation Ho e e pe	Shell-and-Tube -Tube Type,Dry I use Switch, Low-f nist or, Reverse P our-Meter and Pre 4 4 With \$\pi 28	Type Expansion Type Expansion Type Pressure Switch, hase Protection ssure Relief Val 4 4 With D 3.2 InnerDiamet	Oil Heater, Intern Relay, Discharge ve. 4 4 0N 125 Flange	Gas Thermistor, With DN 100 Flang With φ78 Inner Diameter Flange
Conde Evapor Safety Di Piping Connections or Condenser Piping Connections for Evaporator Hot Water Piping Connections 1	Quantity nser rator evices Inlet Outlet Inlet Outlet Inlet Outlet Height Width	Rc Rc R R R - mmm	Three-Phac Compress	or Motor, Freeze With DN65 Flang With DN80 Flang 2.3 Inner Diamete 1,506	Shell-and elay, High-Pressu Protection Them Operation Ho e e pe	Shell-and-Tube -Tube Type,Dry I use Switch, Low-f nist or, Reverse P our-Meter and Pre 4 4 With \$\pi 28	Type Expansion Type Expansion Type Pressure Switch, hase Protection assure Relief Val 4 4 With D 3.2 Inner Diamet 1,505	Oil Heater, Intern Relay, Discharge ve. 4 4 0N 125 Flange	Gas Thermistor, With DN 100 Flang With φ78 Inner Diameter Flange
Conde Evapor Safety Di Piping Connections or Condenser Piping Connections or Evaporator Hot Water Piping Connections *1 Duter Dimensions	Quantity nser rator evices Inlet Outlet Inlet Outlet Inlet Outlet Utlet	Rc Rc R R R - mmm	Three-Phac Compress	or Motor, Freeze With DN65 Flang With DN80 Flang 2.3 Inner Diamete 1,506 965	Shell-and elay, High-Pressu Protection Them Operation Ho e e pe	Shell-and-Tube -Tube Type,Dry I use Switch, Low-f nist or, Reverse P our-Meter and Pre 4 4 With \$\pi 28	Type Expansion Type Expansion Type Pressure Switch, hase Protection assure Relief Val 4 4 With D 3.2 Inner Diamet 1,505 1,079	Oil Heater, Intern Relay, Discharge ve. 4 4 0N 125 Flange	Gas Thermistor, With DN 100 Flang With φ78 Inner Di ameter Flange 1,877 1,296
Conde Evapor Safety Di Piping Connections or Condenser Piping Connections or Evaporator Hot Water Piping Connections *1 Duter Dimensions	Quantity nser rator evices Inlet Outlet Inlet Outlet Inlet Outlet Height Width	Rc Rc R R R R R R R R R R R R R R R R R	Three-Phac Compress	or Motor, Freeze With DN65 Flang With DN80 Flang 2.3 Inner Diamete 1,506 965 1,977	Shell-and elay, High-Pressu Protection Them Operation Ho e e pe	Shell-and-Tube -Tube Type,Dry I use Switch, Low-f nist or, Reverse P our-Meter and Pre 4 4 With \$\pi 28	Type Expansion Type Expansion Type Pressure Switch, hase Protection assure Relief Val 4 With D 3.2 Inner Diamet 1,505 1,079 2,956	Oil Heater, Intern Relay, Discharge ve. 4 4 0N 125 Flange	Gas Thermistor, With DN 100 Flang With φ78 Inner Diameter Flange 1,877 1,296 2,134
Conde Evapor Safety Di Piping Connections or Condenser Piping Connections or Evaporator Hot Water Piping Connections *1 Duter Dimensions	Quantity nser rator linlet Outlet Inlet Outlet Inlet Outlet Height Width Depth Height Width	Rc Rc R R R Mm mm mm mm	Three-Phac Compress	or Motor, Freeze With DN65 Flang With DN80 Flang 2.3 Inner Diamete 1,506 965 1,977 1,747	Shell-and elay, High-Pressu Protection Them Operation Ho e e pe	Shell-and-Tube -Tube Type,Dry I use Switch, Low-f nist or, Reverse P our-Meter and Pre 4 4 With \$\pi 28	Type Expansion Type Expansion Type Pressure Switch, hase Protection assure Relief Val 4 With D 3.2 Inner Diamet 1,505 1,079 2,956 1,753	Oil Heater, Intern Relay, Discharge ve. 4 4 0N 125 Flange	Gas Thermistor, With DN 100 Flang With φ78 Inner Diameter Flange 1,877 1,296 2,134 2,150
Conde Evapor Safety Di Piping Connections or Condenser Piping Connections or Evaporator Hot Water Piping Connections *1 Duter Dimensions	Ouantity neer rator Inlet Outlet Inlet Outlet Inlet Outlet Height Width Depth Height Width Depth	Rc Rc R R R Mm mm mm mm mm	Three-Phac Compress	or Motor, Freeze With DN65 Flang With DN80 Flang 2.3 Inner Diamete 1,506 965 1,977 1,747 1,146	Shell-and elay, High-Pressu Protection Them Operation Ho e e pe	Shell-and-Tube -Tube Type,Dry I use Switch, Low-f nist or, Reverse P our-Meter and Pre 4 4 With \$\pi 28	Type Expansion Type Pressure Switch, hase Protection assure Relief Val 4 With D 3.2 Inner Diamet 1,505 1,079 2,956 1,753 1,234	Oil Heater, Intern Relay, Discharge ve. 4 4 0N 125 Flange	Gas Thermistor, With DN 100 Flang With φ78 Inner Diameter Flange 1,877 1,296 2,134 2,150 1,500
Conde Evapor Safety Di Piping Connections for Condenser Piping Connections for Evaporator Hot Water Piping Connections *1 Outer Dimensions Shipping Dimensions Net We	Ouantity neer rator Inlet Outlet Inlet Outlet Inlet Outlet Height Width Depth Height Width Depth	Rc Rc R R R Mm mm mm mm mm kg	Three-Phat Compress With φ2	or Motor, Freeze With DN65 Flang With DN80 Flang 2.3 Inner Diamete 1,506 965 1,977 1,747 1,146 2,088	Shell-and elay, High-Pressu Protection Them Operation Ho e e er Flange er Flange	Shell-and-Tube -Tube Type, Dry I ne Switch, Low-F nist or, Reverse P nur-Meter and Pre 4 4 With \$\pi 28	Type Expansion Type Pressure Switch, hase Protection assure Relief Val 4 With D 3.2 Inner Diamet 1,505 1,079 2,956 1,753 1,234 3,076	Oil Heater, Intern Relay, Discharge ve. 4 4 ON 125 Flange er Flange er Range	Gas Thermistor, With DN 100 Flang With φ78 Inner Diameter Flange 1,877 1,296 2,134 2,150 1,500 2,460
Conde Evapor Safety Di Piping Connections for Condenser Piping Connections for Evaporator Hot Water Piping Connections *1 Outer Dimensions Shipping Net We Shipping	Ouantity nser rator evices Inlet Outlet Inlet Outlet Inlet Outlet Height Width Depth Height Width Depth Width Depth Width Depth Width Depth Width Depth Width Depth	Rc Rc Rc R R Mm mm mm mm mm kg kg	Three-Phat Compress With φ2 With φ2	with DN65 Flang With DN65 Flang 2.3 Inner Diamete 2.3 Inner Diamete 1,506 965 1,977 1,747 1,146 2,088 1,142	Shell-and elay, High-Pressu Protection Them Operation Ho e e re Flange er Flange	Shell-and-Tube -Tube Type, Dry I ne Switch, Low-F nist or, Reverse P nur-Meter and Pre 4 4 With \$\pi 28 With \$\pi 28	Type Expansion Type Pressure Switch, hase Protection ssure Relief Val 4 With D 3.2 Inner Diamet 1,505 1,079 2,956 1,753 1,234 3,076 1,980	Oil Heater, Intern Relay, Discharge ve. 4 4 ON 125 Flange er Flange er Range	Gas Thermistor, With DN 100 Flang With φ78 Inner Diameter Flange 1,877 1,296 2,134 2,150 1,500 2,460 2,858
Conde Evapor Safety Di Piping Connections for Condenser Piping Connections for Evaporator Hot Water Piping Connections 1 Outer Dimensions Shipping Net Weig Net Weig	Ouantity nser rator Inlet Outlet Inlet Outlet Inlet Outlet Height Width Depth Height Width Depth Height Width Depth Width Depth Height Width Depth	Rc Rc R R R Mmmmmmmmmmmmmmmmmmmmmmmmmmmm	Three-Phac Compress With φ2 With φ2 1,072 1,170 1,097	1 se Overcurrent Re or Motor, Freeze With DN65 Flang With DN80 Flang 22.3 Inner Diamete 22.3 Inner Diamete 23.1 Inner Diamete 25.6 965 1,977 1,747 1,146 2,088 1,142 1,240 1,167	Shell-and elay, High-Pressu Protection Them Operation Ho e ge er Flange er Flange 1,212 1,310 1,237	Shell-and-Tube -Tube Type, Dry I use Switch, Low-F nist or, Reverse P sur-Meter and Pre 4 4 With \$\pi 28 With \$\pi 28 1,800 1,960 1,850	Type Expansion Type Pressure Switch, hase Protection ssure Relief Val 4 With D 3.2 Inner Diamet 1,505 1,079 2,956 1,753 1,234 3,076 1,980 2,140 2,030	Oil Heater, Intern Relay, Discharge ve. 4 4 ON 125 Flange er Flange er Flange 2,070 2,230 2,120	Gas Thermistor, With p78 Inner Diameter Flange 1,877 1,296 2,134 2,150 1,500 2,460 2,858 3,020 2,908
Evapor Safety Di Piping Connections for Condenser Piping Connections for Evaporator Hot Water Piping Connections *1 Outer Dimensions Shipping Dimensions* Net We	Quantity nser rator Inlet Outlet Inlet Outlet Inlet Outlet Height Width Depth	Rc Rc Rc R R Mm mm mm mm mm kg kg	Three-Phat Compress With φ2 With φ2	With DN65 Flang With DN65 Flang 2.3 Inner Diamete 2.3 Inner Diamete 1,506 965 1,977 1,747 1,146 2,088 1,142 1,240	Shell-and elay, High-Pressu Protection Them Operation Ho e ge er Flange er Flange	Shell-and-Tube -Tube Type, Dry I use Switch, Low-F nist or, Reverse P ur-Meter and Pre 4 4 With \$\pi 28 With \$\pi 28 1,800 1,960	Type Expansion Type Pressure Switch, hase Protection ssure Relief Val 4 With D 3.2 Inner Diamet 1,505 1,079 2,956 1,753 1,234 3,076 1,980 2,140	Oil Heater, Intern Relay, Discharge ve. 4 4 ON 125 Flange er Flange er Flange 2,070 2,230	Gas Thermistor, With DN 100 Flang With φ78 Inner Diameter Flange 1,877 1,296 2,134 2,150 1,500 2,460 2,858 3,020