

### Water cooled screw chiller I

Model		Unit	TY-30WS	TY-40WS	TY-50WS	TY-60WS	TY-80WS	TY-90WS	TY-100WS
power supply		V	3Φ 380V 50Hz						
Cooling capacity		Kw	108	145	173	198	260	293	335
		Kcal/h	92880	124700	148780	170280	223600	251980	288100
Input power		Kw	20.3	30.6	37.9	45.5	59.8	68.2	75.9
Frozen water		m3/h	18	22	27.5	33.2	44.3	50	56.1
Cooling water		m3/h	21.9	27.2	34	40.8	54.4	56.2	59.7
Compressor	Type		Semi-closed screw type						
	Number	Set	1						
	Start method		Y-1△Start						
	Capacity adjustment	%	0~100(8 segments)						
	input power	Kw	22	30	37.5	45	60	67.5	75
Freezing liquid	Type		SUNISO 4GS						
	Filling amount	L	7	7	7	8	12	16	16
Refrigerant	Type		R-22						
	control method		Temperature-sensitive external pressure equalizing expansion valve						
	Filling amount	Kg	18	22	27	32	42	48	54
Evaporator	Type		Shell and tube						
	Diameter	B	PT 3 "				PT 4 "		
Condenser	Type		Shell and tube						
	Diameter	B	PT 3 "				PT 4 "		
Protective device			High and low pressure switch, antifreeze protection, soluble thrombus / safety valve, overload protection device, coil overheat protector, automatic temperature protection switch						
Size	Length	mm	2050	2100	2100	2200	2550	2550	2550
	Width	mm	850	850	850	1050	1200	1200	1200
	Height	mm	1950	1950	1950	1950	2200	2200	2200

