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Screw Air Cooled Chiller Specification

Model		FLLG-30	FLLG-40	FLLG-50	FLLG-60	FLLG-70	FLLG-80	FLLG-90	FLLG-100	FLLG-120	
Cooling capacity	Kcal/hx10 ³ ;	70	95	122	137	164	181	211	226	275	
	kW	81	110	142	159	191	211	245	263	320	
	USRT	23	31	40	45	54	60	70	75	91	
Power supply		3PH-380V-50HZ									
Refrigerant		R22 / R407C / R134A									
Refrigeration circuit		1 in 1 out									
Throttling device		Thermal Expansion Valve / Electronic Expansion Valve									
Compressor	Type	Semi-closed hollow rod type									
	Start method	Y - A/Split winding									
	Energy control	33%-66%-100%			25%-50%-75%-100%						
	Input power (KW)	30	40	50	55	67	73	82	86	103	
	Rated current (A)	51	67	84	92	112	122	137	145	173	
Condenser	Type	High-efficiency aluminum finned copper tube									
	Cooling capacity (m ³ /h)	31500	41500	49500	63500	72500	81500	91500	102500	115000	
	Cooling fan (kW)	2.4	3.1	3.2	4.6	4.8	6.2	6.4	6.8	7.2	
Evaporator	Type	High-performance internally threaded copper tube shell and tube type									
	Flow rate (m ³ /h)	14	19	24	27	33	36	42	45	55	
	Pressure loss (Kpa)	60	60	60	60	60	60	65	65	65	
	Inlet/Outlet	DN65	DN80	DN80	DN80	DN80	DN80	DN80	DN100	DN100	DN100
Safety devices		Overload protection, high and low pressure protection, exhaust overheat protection, antifreeze protection, power supply reverse phase protection, oil pressure protection									
Dimension	L: (mm)	1930	2300	3500	3000	3300	3800	4300	4300	4600	
	W: (mm)	1560	1950	1380	2000	2000	2000	2100	2100	2100	
	H: (mm)	1750	1680	1950	1950	2000	2000	2000	2000	2000	
Net weight (Kg)		960	1200	1450	1650	1750	1850	2250	2350	2550	
Operating weight (Kg)		1100	1400	1650	1850	1950	2050	2500	2600	2800	