



WIIP

A Series Medium-large Chiller

Water cooling Innovation International
Partnership



Abilii (A) Industry Large Chiller

—— Special for large-medium industrial equipment



Product Introduction

A series chiller is a kind of air cooling integrated chiller for medium-large scale industrial equipment. It adopts double plate type condenser, air comes in from the side, out on top. Better for environment, blue hydrophilic film condenser fin heat with highly exchange efficiency, beautiful and convenient cleaning. Humanized design easy for observation and parameter setting, reasonable structure and flexible configuration.

Functions and Features

- With two control modes of "setting temperature" and "follow room temperature", the user can choose according to the actual needs;
- Multiple protection functions, with fault location alarm display, easy maintenance. Passive contact alarm output and remote control;
- Optional dual system mode, sequential start, automatic switch;
- Optional water filtration system to ensure the purity of water.

Typical Application

A series is mainly used for cooling laser, industrial furnace, injection molding machine, fermentation reaction tank, welding cutting machine, material testing platform, vacuum furnace, vacuum coating equipment, etc.

Products Specifications

Type	Model	Temp. Stability (°C)	Temp. Range (°C)	Cooling Capacity (kW@25°C)	Max Flow (L/min)	Max Pressure (bar)	Reservoir (L)	Overall dimensions WxDxH(mm)
Room temp. R&D high stability chiller	A03s	±0.2	5-35	8	60	3.6	80	680x1000x1580
	A05s			15	110	2.8	80	680x1000x1580
	A06s			18	110	3.6	160	680x1200x1750
	A08s			22	110	5.6	160	680x1200x1750
	A10s			30	110	5.6	160	680x1200x1750
	A12s			35	230	4.4	220	780x1550x1800
	A16s			45	230	4.4	220	780x1550x1800
	A20s			60	480	4.1	330	880x1960x2300
	A24s			70	480	4.1	330	880x1960x2300
	A32s			90	480	4.1	330	880x1960x2300
High stability -20°C chiller	A03s-20	±0.2	-20-35	6	60	3.6	80	680x1000x1580
	A05s-20			12	110	2.8	80	680x1000x1580
	A06s-20			16	110	3.6	160	680x1200x1750
	A08s-20			20	110	5.6	160	680x1200x1750
	A10s-20			25	110	5.6	160	680x1200x1750
	A12s-20			30	230	4.4	220	780x1550x1800
	A16s-20			40	230	4.4	220	780x1550x1800
	A20s-20			50	480	4.1	330	880x1960x2300
	A24s-20			64	480	4.1	330	880x1960x2300
	A32s-20			80	480	4.1	330	880x1960x2300
High stability -40°C chiller	A05s-40	±0.2	-40-35	6	55	4.5	80	680x1000x1580
	A08s-40			10	55	4.5	160	680x1200x1750
	A10s-40			12	75	5.5	160	680x1200x1750
	A12s-40			20	75	5.5	160	680x1200x1750
	A15s-40			25	120	2.4	160	680x1200x1750
	A30s-40			30	120	2.4	220	780x1550x1800

Type	Model	Temp. Stability (°C)	Temp. Range (°C)	Cooling Capacity (kW@25°C)	Max Flow (L/min)	Max Pressure (bar)	Reservoir (L)	Overall dimensions WxDxH(mm)
Room temp. on/off chiller	A03r	±2	5-35	8	60	3.6	80	680x1000x1580
	A05r			15	110	2.8	80	680x1000x1580
	A06r			18	110	3.6	160	680x1200x1750
	A08r			25	110	3.6	160	680x1200x1750
	A10r			30	110	7.0	160	680x1200x1750
	A12r			36	110	7.0	160	780x1550x1800
	A16r			44	110	7.0	160	780x1550x1800
	A20r			60	230	4.4	220	880x1960x2300
	A26r			75	230	4.4	220	880x1960x2300
	A32r			90	230	4.4	220	880x1960x2300
On/off stability -20°C chiller	A06b	±1	5-35	18	230	4.4	220	680x1200x1750
	A10b			30	480	4.1	330	680x1200x1750
	A12b			36	480	4.1	330	780x1550x1800
	A16b			48	480	4.1	330	780x1550x1800
	A20b			60	480	4.1	330	880x1960x2300
	A24b			70	480	4.1	330	880x1960x2300
	A32b			90	480	4.1	330	880x1960x2300
	A40b			110	480	4.1	580	980x2955x2360
	A52b			140	480	4.1	580	980x2955x2360
	A40q			120	600	4	680	1900x3000x2270
	A48q			140	600	4	680	1900x3000x2270
	A64q			180	600	4	680	1900x3000x2270
	A72h			210	660	5.4	680	1900x4180x2270
	A96h			270	660	5.4	680	1900x4180x2270
High stability room temp. pure water chiller	A03r-20	±2	-20-35	6	60	3.6	80	680x1000x1580
	A05r-20			12	110	2.8	80	680x1000x1580
	A06r-20			15	110	3.6	160	680x1200x1750
	A08r-20			20	110	7.0	160	680x1200x1750
	A10r-20			25	110	7.0	160	680x1200x1750
	A12r-20			30	230	4.4	220	780x1550x1800
	A16r-20			40	230	4.4	220	780x1550x1800

Type	Model	Temp. Stability (°C)	Temp. Range (°C)	Cooling Capacity (kW@25°C)	Max Flow (L/min)	Max Pressure (bar)	Reservoir (L)	Overall dimensions WxDxH(mm)
High reliable On/off stability -20°C chiller	A06b-20	±1	-20-35	15	110	3.6	160	680x1200x1750
	A10b-20			25	110	7.0	160	680x1200x1750
	A12b-20			30	230	4.4	220	780x1550x1800
	A16b-20			40	230	4.4	220	780x1550x1800
	A20b-20			50	480	4.1	330	880x1960x2300
	A24b-20			64	480	4.1	330	880x1960x2300
	A32b-20			80	480	4.1	330	880x1960x2300
	A40b-20			100	480	4.1	580	980x2955x2360
	A52b-20			130	480	4.1	580	980x2955x2360
	A40q-20			100	600	4	680	1900x3000x2270
	A48q-20			120	600	4	680	1900x3000x2270
	A64q-20			160	600	4	680	1900x3000x2270
	A72h-20			190	660	5.4	680	1900x4180x2270
	A96h-20			240	660	5.4	680	1900x4180x2270
High stability room temp. pure water chiller	A03p	±0.2	5-35	8	60	3.6	80	680x1000x1580
	A05p			15	110	2.8	80	680x1000x1580
	A06p			18	110	3.6	160	680x1200x1750
	A08p			22	110	5.6	160	680x1200x1750
	A10p			30	110	5.6	160	680x1200x1750
	A12p			35	230	4.4	220	780x1550x1800
	A16p			45	230	4.4	220	780x1550x1800
	A20p			60	400	4.1	330	880x1960x2300
	A24p			70	400	4.1	330	880x1960x2300
	A32p			90	400	4.1	330	880x1960x2300
High stability dual temp. chiller	A03t	±0.2	5-35	7	60	3.6	80	680x1000x1580
	A05t			12	110	2.8	80	680x1000x1580
	A06t			18	110	3.6	160	680x1200x1750
	A08t			22	110	5.6	160	680x1200x1750
	A10t			30	110	5.6	160	680x1200x1750
	A12t			35	230	4.4	220	780x1550x1800
	A16t			45	230	4.4	220	780x1550x1800
	A20tb	±1	5-35	60	480	4.1	360	880x1960x2300
	A24tb			70	480	4.1	360	880x1960x2300
	A32tb			90	480	4.1	360	880x1960x2300
	A40tb			110	480	4.1	580	980x2955x2360
	A52tb			140	480	5.5	580	980x2955x2360
	A40tq			110	600	5.7	680	1900x3000x2270
	A48tq			130	600	5.7	680	1900x3000x2270
	A64tq			180	600	5.7	680	1900x3000x2270
	A72th			210	660	5.4	680	1900x4180x2270
	A96th			270	660	5.4	680	1900x4180x2270



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