

Inverter Compressor Air Cooled Condensing Unit



*With ENERCOV's
temperature & humidity
LED display controller*



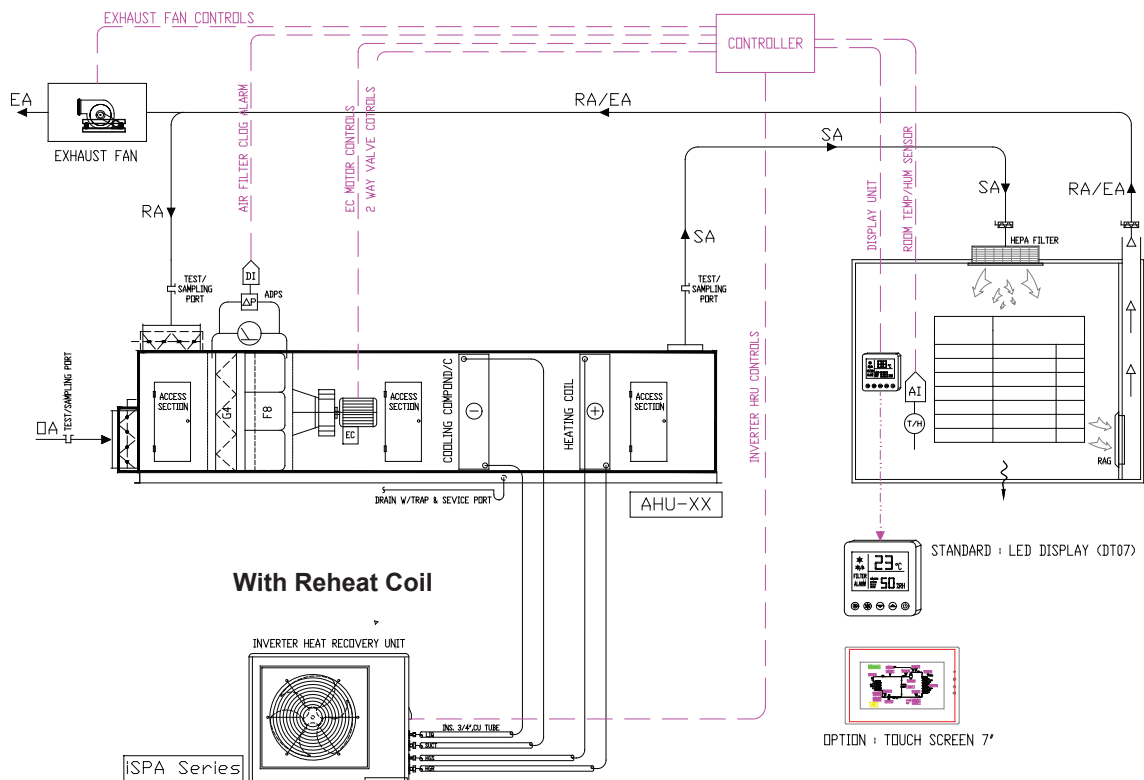
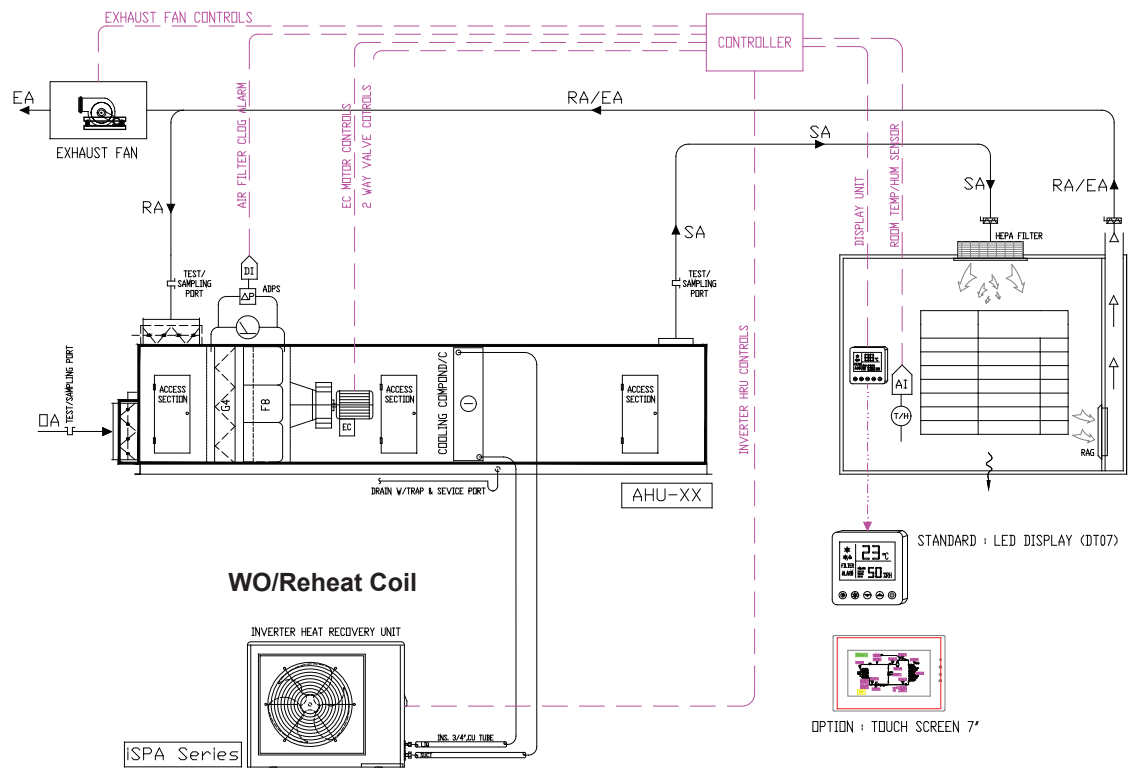
iSPA Series

Cooling capacity range 3.7 - 11.9 kW

R32

iSPA Series

Sample of HUMIDITY Controls Application (DX Only)



iSPA Series

Technical specification

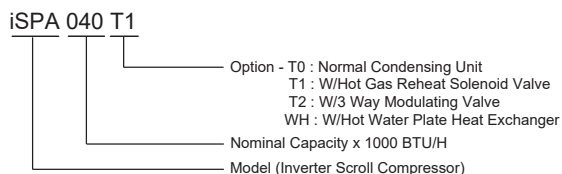
Outdoor Unit Model	Unit	iSPA012	iSPA018	iSPA024	iSPA030	iSPA036	iSPA040	iSPA048	iSPA060
Cooling capacity (BTU/H)	Max	12500	18700	25900	30000	36200	40900	48600	62200
	Min	3125	4675	6475	7500	9050	10225	12150	15550
Cooling capacity (kW)	Max	3.66	5.48	7.59	8.79	10.61	11.98	14.24	18.22
	Min	0.92	1.37	1.90	2.20	2.65	3.00	3.56	4.56
Heating capacity (kW)	Max	4.8	7.1	9.9	11.4	13.8	15.6	18.5	23.7
Compressor	Type	BLDC inverter scroll compressor							
	Total Power (kW)	1.25	1.79	2.68	3.09	3.68	4.08	4.85	6.04
Power supply	V/Ph/Hz	220/1/50					380/3/50		
Metering Device	EXV	Built In Electronic Expansion Valve 500 Steps							
Temperature Sensor	Ambient Temp	Yes							
	Suction Gas	Yes							
	Discharge Gas	Yes							
	Condensing Coil	Yes							
Condenser coil	Type	Aluminium plate fins, copper tube							
Fan	Type	Propeller fan							
	Dia. (In)	16	20	20	20	22	22	22	22
Motor	Type	Brush less direct current (BLDC)							
	Qty	1	1	1	1	1	1	1	1
Connection (inch)	Suction	1/2	5/8	5/8	5/8	5/8	5/8	5/8	3/4
	Liquid	1/4	1/4	1/4	3/8	3/8	3/8	3/8	3/8
Dimension (mm.)	Width	850	950	950	950	980	980	1100	1100
	Height	545	695	695	695	795	795	1105	1105
	Dept	285	370	370	370	390	390	400	400
Approx. weight	kgs	36	55	56	65	70	75	80	92

Note : Cooling capacity based on 35°C outdoor air, evaporating temperature 7.2°C and air on coil 26.7°CDB 50%RH.

Product specification

Description	: Air cooled condensing unit, inverter compressor.
Refrigerant charged	: R32
CDU Fan	: Brush less direct current (BLDC) motor
Expansion valve	: Built-in electronic expansion valve 500 steps.
Oil separator	: Built-in oil separator
Compressor driver	: Inverter electronic power driver
EMI filter	: Built-in EMI with choke
Sensor	: Built-in 4 temperature sensor
Communication	: Modbus RS485
Casing	: High quality sheet metal with powder coating system

Product nomenclature



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