



ATTOM Precision Cooling System

Foundation of Digital Future

The professional cooling solutions for you to build highly Reliable,
Efficient and Green Data Center.



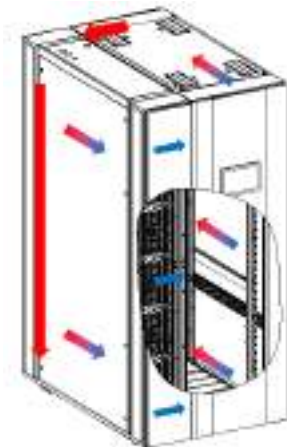
Customize with Expert

SmoothAir™ – Row Mount DX

Air cooled, row mount, split type, ideal for micro data center, integrated modular data center solutions.

5.6kW –90.1kW

300 /600 /900mm Width



- 1 Dynamically modulated cooling capacity with inverter compressor maintains temperature within envelop and prevent compressor from cycling during low heat load period.
- 2 Air flow modulates with EC fans to match IT equipment requirements. Each fan module is easy to change with quick couple connections.
- 3 Precision cooling controller monitors and protects unit constantly. Easy to be integrated into BMS to display, control and manage the system.
- 4 R410A green refrigerant is highly efficient and no ODP.
- 5 Copper piping adopts quick connections and supports bottom and top connections.
- 6 Easy to change G4 air filter and sealed doors help to build a clean and quiet MDC.
- 7 Slide drawer style electric box makes service easier.
- 8 Optional with condensate pump, leaking kit and long piping kit for diverse applications.

SmoothAir™ – Row Mount DX

Technical Data

Indoor Unit	S-005RA	S-007RA	S-012RA	S-017RA	S-020RA	S-025RA	S-030RA	S-040RA	S-050RA	S-065RA	S-075RA	S-090RA
Total Cooling-kW	5.6	7.6	12.8	17.6	21.2	25.1	31.1	40.9	51.2	65.7	76.8	90.1
SHR-%	100	100	100	100	100	100	100	100	100	100	100	100
Air Volume-m ³ /h	2000	2250	2400	4500	4920	5000	5800	8000	10000	12000	13500	16000
Mount Type	Row	Row	Row	Row	Row	Row	Row	Row	Row	Row	Row	Row
Cooling Type	DX	DX	DX	DX	DX	DX	DX	DX	DX	DX	DX	DX
Height-mm	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000
Depth-mm	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
Width-mm	300	300	300	300	300	300	300	600	600	600	900	900
Weight-kg	210	213	233	253	258	260	320	360	420	460	540	620
Reheat-kW	3.0	3.0	3.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Hum.(optional)-kg/h	1.5	1.5	1.5	1.5	1.5	1.5	3	3	3	3	3	3
Power Input ¹⁾	208-240V /50-60Hz /1Ph-2Ph	208-240V /50-60Hz /1Ph-2Ph	208-240V /50-60Hz /1Ph-2Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph
FLA-A ¹⁾ with heating	28.2	37.3	48.7	27.0	26.7	27.9	34.6	37.7	48.1	60.6	70.8	84.6
FLA-A ¹⁾ with hum.	33.3	42.4	53.8	32.1	31.8	33.0	39.7	47.9	58.3	70.8	81.0	94.8
Power Input ²⁾	-	-	380-415V /50-60Hz /3Ph	200-230V /50-60Hz /3Ph	200-230V /50-60Hz /3Ph	200-230V /50-60Hz /3Ph	200-230V /50-60Hz /3Ph	200-230V /50-60Hz /3Ph	200-230V /50-60Hz /3Ph	-	-	-
FLA-A ²⁾ with heating	-	-	20.9	49.4	48.8	51.1	63.2	68.9	-	-	-	-
FLA-A ²⁾ with hum.	-	-	22.0	52.5	52.0	54.2	66.4	75.1	-	-	-	-
Power Input ³⁾	-	-	-	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph	460V /60Hz /3Ph
FLA-A ³⁾ with heating	-	-	-	22.3	22.1	23.1	28.6	31.1	39.7	50.1	58.5	69.9
FLA-A ³⁾ with hum.	-	-	-	26.5	26.3	27.3	32.8	39.6	48.2	58.6	66.9	78.4
Standard Outdoor												
Unit Model	KSF08AN	KSF12AN	KSF18AN	KSF24AN	KSF32AN	KSF38AN	KSF42AN	KSF52AN	KSF62AN	KSF85AN	KSF52AN	KSF62AN
Unit Qty	1	1	1	1	1	1	1	1	1	1	2	2

Notes:

1. Air flow is based upon standard fan speed setting. Fan modulates per real loads.
2. Cooling Capacity based on 37°C/24%RH return air and 45°C condensing temperature.
3. FLA of indoor unit includes FLA of outdoor unit, and outdoor unit power connected from indoor unit.
4. SNMP monitoring port, dual power input, and leaking detection are optional.
5. Standard unit works -15°C above outdoor temperature, select low temperature kit to run for -35C outdoor ambient temperature.