

# Air Cooled Aftercooler

## Series HAA

Series HAA can cool high temperature compressed air from compressors to below 40°C and efficiently remove moisture from the air.

Compact size and light weight  
Uses minimal floor space  
Built-in drain separator  
Dust protecting filter optional.

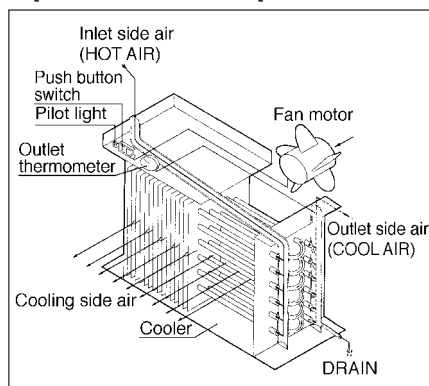


HAA15



HAA7

### Operation Principle



### Model

Specs	Model	HAA7	HAA15	HAA22	HAA37		
Applicable compressor <sup>(1)</sup> (kW)		7.5	15	22	37		
Max. flow capacity <sup>(2)</sup> (ℓ/min (ANR))		1000	2200	3300	5700		
Cooling fan (50/60Hz)	Fan dia. (mm)	255	300	400	350 X 2		
	Voltage(V) ±10%	Single100	Single200	Single100	3-phase200	3-phase200	
	Power consumption (W)	38/46	38/46	55/65	50/60	90/130	132/170 X 2
	Current (A)	0.46/0.52	0.23/0.26	0.8/0.9	0.4/0.35	0.4/0.45	1.44/1.4
Port size		Rp(PS) 3/4 Socket	1 <sup>B</sup> union	1 1/2 <sup>B</sup> union	1 1/2 <sup>B</sup> union		
Weight (kg)		18	24	36	55		



Note 1) Based on discharge rate and discharge temperature (70°C) of screw type compressors.

Note 2) Figures are at 0.7MPa of supply pressure, 70°C of inlet air temperature, 40°C of outlet air temperature and 32°C of ambient temperature.

Note 3) Union, drain valve, auto drain, and filter for dust tight frame should be mounted by user.

### Specifications

Fluid	Compressed air
Operating pressure <sup>(1)</sup>	0.05 to 1.0MPa
Proof pressure	1.5MPa
Inlet air temperature	5 to 100°C
Ambient temperature	2 to 50°C
Cooler	Aluminum plate tube w/fins
Coating	Mansel N-8 (White), Mansel 2.5PB5/8.5 (Blue)
Installation	Indoor



Note 1) With auto drain: 0.15 to 1.0MPa

### Accessories (Equipped as Standard)

Applicable Model	HAA7	HAA15	HAA22	HAA37
Drain valve	3/8 <sup>B</sup>	3/8 <sup>B</sup>	3/8 <sup>B</sup>	1/2 <sup>B</sup>
Thermometer for outlet air temp.	—	●	●	●
Pilot light	●	●	●	●

### Made to Order Specification

Applicable Model	HAA7	HAA15	HAA22	HAA37
With terminal	●	●	●	(Standard)*

\*HAA37 has an external push button with terminal.

### Accessories (Options)

Applicable Model	HAA7	HAA15	HAA22	HAA37
Auto drain	AD402-03	AD402-03	AD402-03	AD402-04
Dust protecting filter	HAA7-F	HAA15-F	HAA22-F	HAA37-F
Mounting bench	HAA7-S	HAA15-S	HAA22-S	HAA37-S

### How to Select (Flow Capacity ℓ/min (ANR))

Model	HAA7	HAA15	HAA22	HAA37
Inlet air temperature	50°C	1500	4000	6000
	70°C	1000	2200	3300
	100°C	700	1500	2200

Conditions: Outlet temperature 40°C, Ambient temperature 32°C, Air pressure 0.7MPa

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