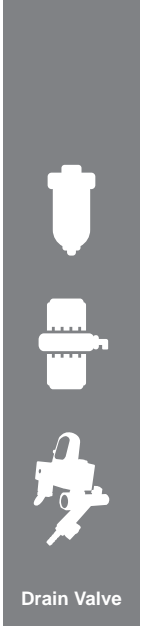




N<sub>2</sub>, O<sub>2</sub>, H<sub>2</sub>,  
Ar., CH<sub>4</sub>, Co.,  
Co<sub>2</sub>, PSA



Water Chiller



Drain Valve



Air Filter



Aftercooler



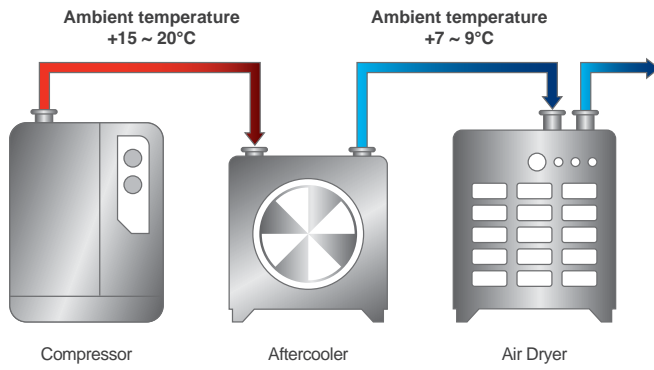
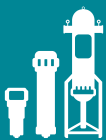
Refrigerated  
/ Desiccant /  
Membrane  
Air Dryer



# Compressed Aftercooler

Top-Quality / Eco-Friendly

[www.gsadyer.com](http://www.gsadyer.com) [gsa@gsadyer.com](mailto:gsa@gsadyer.com)



Compressor

Aftercooler

Air Dryer

70%, 25

6m<sup>3</sup>/min

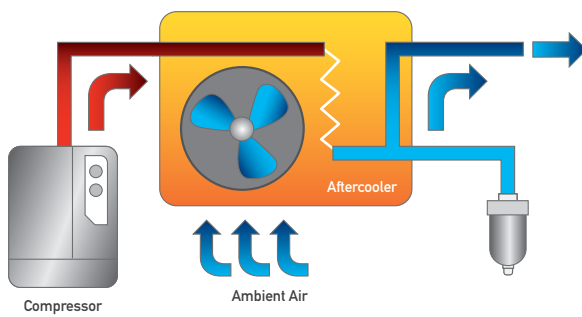
24

140

가

15~20

가



Compressor

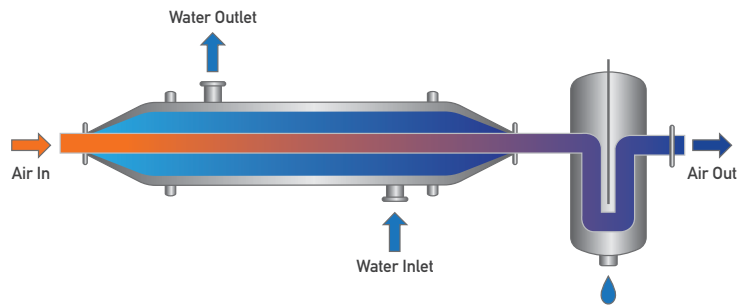
Ambient Air

Aftercooler

Header

7~9

가



Water Outlet

Air In

Water Inlet

Air Out

가

Water Separator

가



## Why GSA Aftercooler?

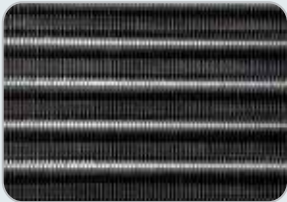
- 1 Pressure Gauge
- 2 Condenser
- 3 Drain (Option)
- 4 Power Connection Box
- Fan & Fan Motor
- Aluminum Fin (Corrugation)



**Power Connection Box**  
가



**Multi Pass System**



**Aluminum Fin (Corrugation)**  
Corrugation  
\* 150AN



**Overload Protector**  
\* 150AN



**Powder Paint Coating**  
가



**Magnetic Contactor**  
ON/OFF Magnetic Contactor  
\* 150AN



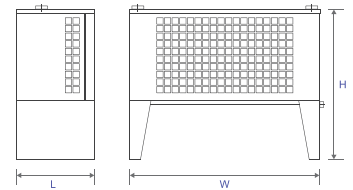
Upgrade your compressed treatment system with GSA's aftercoolers, refrigerated air dryers, adsorption dryers, drains, filters, chillers and PSA system.



# Technical Specifications

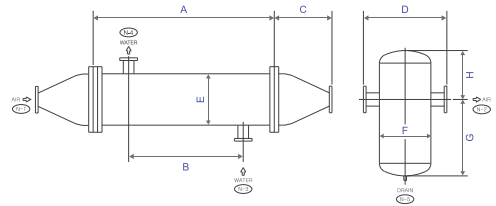
Model	Flow capacity			Max. Operating Pressure	Pressure Differential at full load	Inlet Temperature (Max-Min)	Ambient Temperature (Max-Min)	Electr. Power Supply	Connection	Electric Current	Fan Size	Flow capacity (W x L x H)	Weight					
	m³/min	m³/hr	cfm											bar	bar	°C	°C	Volt / ph / Hz
H Y A	20AN	1.0	60	35	13.7	0.2	65 ~ 80	2 ~ 40	220 / 380 / 440 V 1Ph / 60Hz			500 x 230 x 590	15					
	25AN	3.2	192	113										25A	0.30	230 x 1	500 x 230 x 590	16
	40AN	5.1	306	180										25A	0.25	300 x 1	600 x 300 x 700	23
	50AN	7.8	468	275										40A	0.70	250 x 2	900 x 370 x 710	40
	80AN	12.7	762	448										50A	0.50	300 x 2	1,030 x 370 x 760	46
	100AN	17.5	1,050	618										50A	1.20	350 x 2	1,160 x 400 x 810	55
	150A	28.0	1,680	989										80A	2.40	450 x 2	1,690 x 460 x 1,095	180
	200A	41.0	2,460	1,448										100A	2.40	500 x 2	1,780 x 425 x 1,245	210
	300A	52.0	3,120	1,836										100A	4.40	550 x 2	1,880 x 480 x 1,360	230
	400A	65.0	3,900	2,295										125A	4.80	450 x 4	1,830 x 470 x 1,615	300
500A	75.0	4,500	2,649	150A	4.80	500 x 4	1,975 x 475 x 1,685	350										
600A	95.0	5,700	3,355	150A	8.80	550 x 4	2,075 x 530 x 1,840	370										

\* Notes >  
>  
\* 220V 가 (50Hz 가 )



Model	Flow capacity			Cooling Water	Heat Trans Area	Max. Operating Pressure	Dimensions (mm)										Weight		
	m³/min	m³/hr	cfm				L/min	m²	bar	A	B	C	D	E	F	G		H	N1 / N2
H Y A	100W	18	1,080	636	55	2.1	9.7	1,280	1,080	155	400	125A	200A	400	220	50A	25A	15A	112
	200W	30	1,800	1,060	105	3.2		1,450	1,230	155	400	125A	200A	400	220	80A	32A	15A	121
	300W	36	2,160	1,270	155	5.1		1,780	1,580	168	400	150A	200A	400	220	100A	40A	15A	163
	400W	42	2,520	1,483	210	5.9		1,900	1,700	180	460	200A	250A	470	250	100A	50A	20A	233
	500W	60	3,600	2,120	270	6.3		2,000	1,750	180	460	200A	250A	470	250	150A	65A	20A	253
	600W	90	5,400	3,180	320	11.7		2,100	1,850	210	520	250A	300A	500	300	150A	80A	20A	410

\* Notes >  
>  
\* (Option)



## \* DESIGN DATA

- Inlet Temperature : 80°C
- Approach Temperature : Max 10°C
- Cooling Water Inlet Temp. : 32°C
- Cooling Water Outlet Temp. : 35°C
- Max Operating Pressure : 9.9 kgf/cm²

## \* MATERIAL

- Shell : SS400
- Shell Flange : SS400
- Tube : C1220
- Tube Sheet : SS400
- SUS Material Tube (Optional)



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679-2  
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