



## AIR COOLED, WATER COOLED AND PNEUMATIC AFTERCOOLERS



## ATS AFTERCOOLERS

ATS Air Cooled, Water Cooled or Pneumatic Aftercoolers offer compact, high cooling efficiency and low pressure drop for water separation in compressed air.

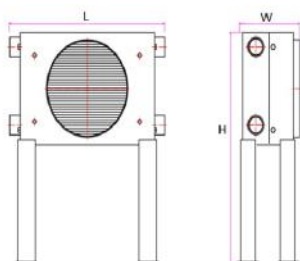
### ATS Advantages:

- **Aluminum block cooling element ( Air Cooled AC series ), reliable and rust free.**
- **Copper heat exchagne surfaces ( Water Cooled & Pneumatic series) provide excellent heat transfer rate**
- **Counter-flow design with cyclone type separation for high heat exchange efficiency.**
- **Easy installation and mininum maintenance**



### Air Cooled Aftercooler - AC Series

Model	Flow Rate			Power Supply	Power Cons.	Connection	Dimensions (mm)			Cooler Weight
	cfm	m3/h	l/min	(V/Ph/Hz)	W	IN/OUT (BSP)	L	W	H	kg
AC-45	45	76	1274	230/1/50	90	3/4"	390	165	786	9.4
AC-100	100	170	2832	230/1/50	120	1"	470	180	906	12
AC-160	160	272	4531	230/1/50	155	1"	545	213	960	16.9
AC-260	260	442	7363	230/1/50	205	1.5"	680	230	1191	46.8
AC-550	550	935	15575	230/1/50	950	2"	860	250	1484	55.8
AC-1000	1000	1699	28319	415/3/50	920	3"	990	315	1985	86.7
AC-1500	1500	2549	42478	415/3/50	1850	DN100	1404	609.5	2380	131.9
AC-1800	1800	3058	50973	415/3/50	1850	DN125	1534	639.5	2510	159.5
AC-2150	2150	3653	60885	415/3/50	2000	DN125	1639	609.5	2560	175.3



#### Reference Conditions:

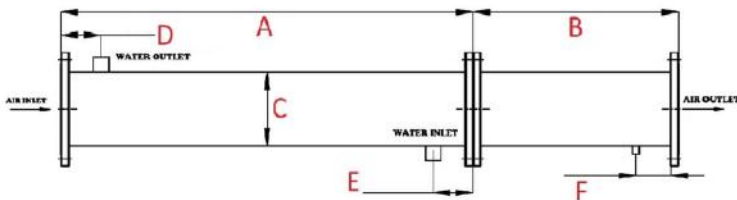
- Ambient Temperature : 35 °C
- Max Inlet Air Temperature : 120 °C
- Outlet Air Temperature : 9 °C higher that Ambient Temperature
- Working Pressure : 7 bar ( Max. 16 bar )



## Water Cooled Aftercoolers - ACW series



Model	Air Flow Rate			Water Flow Rate	Dimensions [ mm ]						Connection [Inlet / Outlet]		Weight [kg]
	cfm	m <sup>3</sup> /h	l/min	m <sup>3</sup> /h	A	B	C	D	E	F	Air	Water	
AC-150W	530	900	15000	1.7	1300	644	108	100	100	100	DN 100	G 1"	49
AC-210W	706	1200	21000	3.2									95
AC-250W	883	1500	26000	4.0									115
AC-300W	1059	1800	30000	5.0		648	159	100	100	100	DN 150	G 1 1/4"	145
AC-400W	1413	2400	40000	6.0									160
AC-500W	1766	3000	50000	9.5		658	273	125	125	100	DN 200	G 1 1/4"	210
AC-800W	2825	4800	80000	13.5									330
AC-1100W	3885	6600	110000	15.0									360



### Reference Conditions:

- Max Inlet Air Temperature : 120 °C
- Outlet Air Temperature : +10 °C higher than Water Temp.
- Working Pressure : 7 bar ( Max. 16 bar )

## Pneumatic After Cooler - PAC series

Compare with electric version, a pneumatic fan is used to prevent the possibility of electrical spark in an explosion proof environment.

A FRL is supplied to guarantee the greater reliability of the pneumatic fan.



## Water Separator - WS series



ATS Water Separator WS series is installed with every Air Cooled & Pneumatic Aftercoolers to removed solid particules, water vapour and other polluting agents in the compressed air and discharged via a built-in autodrain.

