

Electric Aircooled Aftercooler



Standard Scope of Supply

- Aircooled
- Electric fan motor
- Copper tubes aluminium fins

Model ABC 6 to ABC 140

- High efficiency water separator with threaded connection
- Automatic float drain
- Support legs

Model ABC180 to ABC750

- High efficiency water separator with flanged connection
- Automatic float drain
- Support legs
- Counter flanges
- Mounted thermometer

Electrical Supply:

- ABC 6, 12, 25A, 35A: 230/240-1-50 Hz
- ABC 25, 35, 60: 240/430-3-50 Hz
- ABC 90: 230/400-3-50 Hz
- ABC 140: 230/400-3-50 Hz
- ABC 180, 280, 360: 230/400-3-50 Hz
- ABC 400, 480, 640, 750: 230/400-3-50 Hz

50 Hz

60 Hz

- 230/240-1-60 Hz
- 240/430-3-60 Hz
- 230/400-3-60 Hz
- 265/460-3-60 Hz
- On application
- 254/440-3-60 Hz

Overall ingress protection code

- ABC6 To ABC12: IP44
- ABC25A To ABC35A: IP44
- ABC25 To ABC360: IP54
- ABC400 To ABC750: IP55

Codes

- Compliance to PED97/23/EC

Operating Limitations

- ABC6 to ABC750 Max inlet air temperature
PED coded cooler 150 °C
- Minimum ambient temperature 2°C

Model	Capacity ¹	Operating Pressure	Dimensions (mm)	Air	Weight (kg)
	m ³ /min	bar(g)	L x W x H	Connections	
ABC-6	0.6	0.5 - 16	475x216x794	BSP 3/4"	14
ABC-12	1.2	0.5 - 16	545x277x895	BSP 3/4"	17
ABC-25A	2.5	0.5 - 16	715x303x1140	BSP 1 1/2"	31
ABC-25	2.5	0.5 - 16	715x403x1140	BSP 1 1/2"	31
ABC-35A	3.5	0.5 - 16	715x303x1140	BSP 1 1/2"	37
ABC-35	3.5	0.5 - 16	715x403x1140	BSP 1 1/2"	37
ABC-60	6.0	0.5 - 16	775x453x1336	BSP 1 1/2"	39
ABC-90	9.0	0.5 - 16	908x445x1361	BSP 2"	55
ABC-140	14.0	0.5 - 16	1075x55x1523	BSP 2"	80
ABC-180	18.0	0.5 - 12	1516x560x1857	DN80	120
ABC-280	28.0	0.5 - 12	1880x560x1807	DN100	190
ABC-360	36.0	0.5 - 12	1980x560x2075	DN100	245
ABC-400	40.0	0.5 - 9	2000x1035x1983	DN150	405
ABC-480	48.0	0.5 - 9	3128x1032x1983	DN150	560
ABC-640	64.0	0.5 - 9	3218x1040x1983	DN200	620
ABC-750	75.0	0.5 - 9	3218x1040x1983	DN200	640

Options

Max 200°C inlet temperature capable

1. Reference conditions

- Ambient pressure equal to 1 bar(a)
- Ambient temperature equal to 25°C
- Ambient relative humidity equal to 60%
- Inlet air pressure equal to 7bar(g)
- Inlet air temperature equal to 120°C
- Outlet air temperature approximately 10°C above ambient at reference conditions

2. Standard CPN must not be used if any options are selected.