

Compressed Air Accessories



Aftercooler

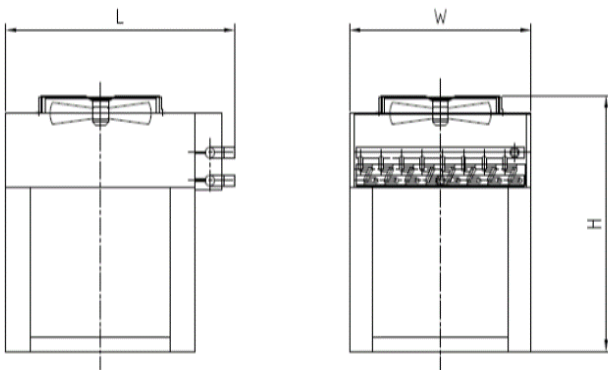
PAC series aftercooler are installed in the compressed air system to reduce the compressed air temperature. By reducing the temperature, moisture is being condensate into liquid and effectively remove with the use of PWS water separator. PAC aftercooler are available in air-cooled (PAC-A) or water-cooled version (PAC-W).

Air Cooled Aftercooler PAC-A

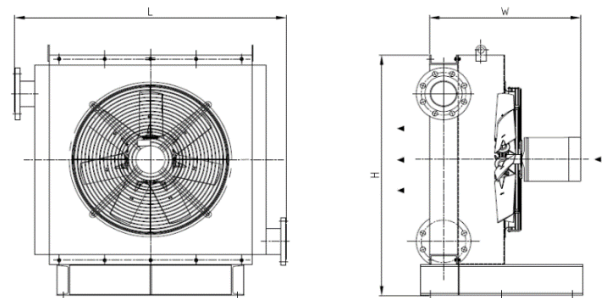
PAC air-cooled unit consists of aluminium fin and copper tube heat exchanger and is cooled by utilise the ambient air which has a lower temperature than the hot compressed air. A high efficiency axial fan will pull the ambient air to pass through the tube and cools the hot compressed air.

Model	Air Connection	Power Supply	Nominal Flow Rate		Dimensions (mm)			Weight (kg)
			cfm	m ³ /h	L	W	H	
PAC72A	Rc 1/2"	230V/1Ph/50Hz	85	72	420	340	550	25
PAC144A	Rc 1"	230V/1Ph/50Hz	127	144	555	440	547	40
PAC216A	Rc 1"	230V/1Ph/50Hz	158	216	555	444	637	50
PAC390A	Rc 1 1/2"	230V/1Ph/50Hz	353	390	560	262	500	60
PAC660A	Rc 2"	230V/1Ph/50Hz	388	660	680	350	645	80
PAC1020A	DN65	400V/3Ph/50Hz	600	1020	830	405	745	120
PAC1320A	DN65	400V/3Ph/50Hz	777	1320	890	440	785	130
PAC1980A	DN80	400V/3Ph/50Hz	1165	1980	1300	505	1070	200
PAC2640A	DN80	400V/3Ph/50Hz	1554	2640	1300	530	1120	225
PAC3840A	DN100	400V/3Ph/50Hz	2260	3840	1340	800	1245	300

For higher pressure, inlet flow rate and power supply please consult factory.
Pneumatic version is available upon request.

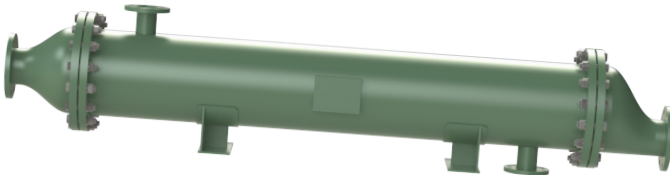


PAC72A-PAC660A



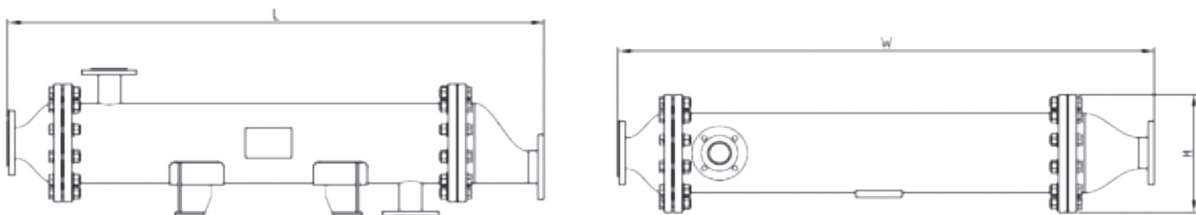
PAC1020A-PAC3840A

Water Cooled Aftercooler PAC-W



PAC water-cooled unit consists of a shell and copper tube heat exchanger. Cooling water will be passed through the tube in counter flow to maximise heat exchange efficiency between the hot compressed air and cooling water.

Model	Air Connection	Water Connection	Nominal Flow Rate		Dimensions (mm)			Weight (kg)
			cfm	m ³ /h	L	W	H	
PAC600W	DN50	Rc 1"	353	600	1372	250	250	65
PAC1020W	DN65	Rc 1 1/2"	600	1020	1401	285	285	90
PAC1320W	DN65	Rc 1 1/2"	777	1320	1401	285	285	100
PAC1620W	DN80	Rc 2"	953	1620	1427	340	340	145
PAC2100W	DN80	Rc 2"	1236	2100	1427	340	340	160
PAC2400W	DN100	DN65	1412	2400	1776	405	547	225
PAC3000W	DN100	DN65	1766	3000	1776	405	547	240
PAC3600W	DN100	DN65	2119	3600	1776	405	547	260
PAC4200W	DN125	DN65	2472	4200	2306	405	577	285
PAC6000W	DN150	DN80	3531	6000	2896	520	689	520
PAC7200W	DN150	DN80	4237	7200	2896	520	689	530
PAC9000W	DN200	DN80	5297	9000	2896	520	689	550
PAC12000W	DN200	DN125	7062	12000	3405	580	801	740
PAC15000W	DN200	DN125	8828	15000	3405	580	801	810
PAC18000W	DN250	DN150	10593	18000	3636	680	923	1130
PAC21000W	DN250	DN150	12359	21000	3636	680	923	1245
PAC24000W	DN300	DN150	14124	24000	3703	730	1016	1350



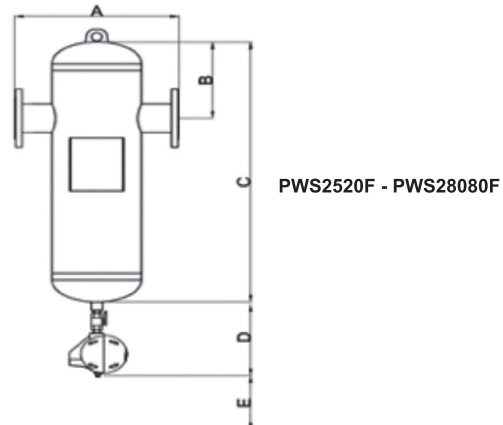
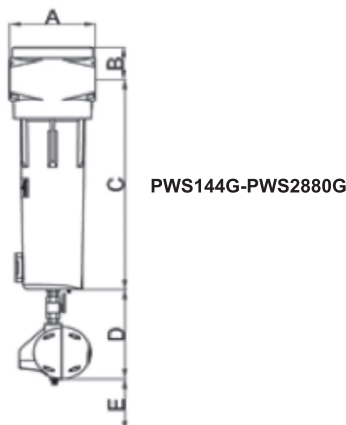
PAC600W - PAC24000W

Water Separator PWS

Water separator remove condensate bulk water and liquid oil from the compressed air system which could cause corrosion in the pipping, damages to the pneumatic components and products. The PWS water separator has been designed to remove 99% of the bulk water efficiently and economical. Installing of the water separator before the filters and dryers will helps to prevent contamination by the liquid bulk water and enable more efficient performance. The PWS water separator will also remove the condensate liquid from the after cooler and enhance the reliability of the compressed air system. Thus, reducing downtime and damages to the products.



Model	Air Connection	Nominal Flow Rate		Dimensions (mm)					Weight (kg)
		cfm	m ³ /h	A	B	C	D	E	
PWS144G	Rc 1/2"	85	144	89	42	160	/	95	1.0
PWS216G	Rc 3/4"	127	216	89	42	160	/	95	1.1
PWS270G	Rc 1"	158	270	89	42	193	/	130	1.1
PWS600G	Rc 1 1/2"	353	600	120	58	252	/	172	2.7
PWS1500G	Rc 2"	883	1500	162	74	424	180	320	5.9
PWS2520G	Rc 2 1/2"	1483	2520	200	90	488	180	400	12.5
PWS2880G	Rc 3"	1695	2880	200	90	488	180	400	12.9
PWS2520F	DN65	1483	2520	380	195	680	200	200	30.0
PWS3000F	DN80	1766	3000	390	195	680	200	200	31.0
PWS3600F	DN100	2119	3600	450	230	873	200	200	65.0
PWS4800F	DN125	2825	4800	493	263	1056	200	200	164
PWS6480F	DN150	3813	6480	545	300	1180	200	200	193
PWS10800F	DN200	6356	10800	750	361	1415	200	200	305
PWS16800F	DN250	9887	16800	740	441	1701	200	200	510
PWS28080F	DN300	16525	28080	1000	485	1802	200	200	662



Condensate Drain

Condensate drain is a vital and important component in the compressed air system and main function is to remove condensate that could be present in the system. PSI range of drain consists of 3 types: Mechanical, Electrical Timed and Electronic Zero Loss Drain.

Mechanical

Benefits

- Zero air loss
- Does not need any electrical installation as the operation is fully mechanical
- Robust and reliable. Manual drain valve available for checking of the drain performance and larger discharge opening to reduce the possibilities of clogging
- Simple installation and maintenance



RSPSQ400



RSPSQ800

Model	Air Connection	Capacity	Maximum Temperature	Maximum Pressure
RSPSQ25	Rc 1/2"	25 l /min	60°C	16 barg
RSPSQ400	Rc 1/2"	400 l /min	100°C	16 barg
RSPSQ800	Rc 1/2"	800 l /min	100°C	16 barg

Electrical



Benefits

- Compact and different voltages available
- Strainer supply as standard to remove any solid impurities that could clog the drain valve
- Robust and reliable. Manual test button available for checking of the drain performance and large discharge opening reduce the possibilities of clogging
- IP65 electrical timer
- Simple installation and maintenance

Model	Air Connection	Power Supply	Maximum Temperature	Maximum Pressure
CDV-230	Rc 1/2"	230V/1Ph/ 50Hz-60Hz	-40 to 60°C	16 barg
CDV-115	Rc 1/2"	115V/1Ph/ 50Hz- 60Hz	-40 to 60°C	16 barg

Zero Loss Electronic

Benefits

- Zero air loss
- Maximum drain volume
- Simple design and easy operation
- Minimum maintenance as contaminant discharged together with condensate
- Visual checking available
- Remote monitoring available



Model	Air Connection	Drainage Connection	Power Supply	Max. Pressure	Max. Compressor Flowrate (m ³ /min)	Max. Dryer Flowrate (m ³ /min)	Max. Filter Flowrate (m ³ /min)
PEZD200	Rc 1/2"	Rc 1/2"	230V/1Ph/ 50Hz-60Hz	16 barg	40	80	400
PEZD500	Rc 3/4"	Rc 1/2"	230V/1Ph/ 50Hz-60Hz	16 barg	130	250	1300
PEZD1500	Rc 3/4"	Rc 1/2"	230V/1Ph/ 50Hz-60Hz	16 barg	400	800	3900
PEZD2000	Rc 1"	Rc 1/2"	230V/1Ph/ 50Hz-60Hz	16 barg	950	1850	-

Spare Parts

Calibration of Dew Point Transmitter

Annual calibration of dew point transmitter is essential for proper functioning of any desiccant air dryer. PSI provides a simple one to one exchange program whereby a recalibrated dew point transmitter is provided in exchange for a used dew point transmitter. Hence the downtime is reduced and it allows the desiccant air dryer to continue the operation.

Brands available for calibration

- Michell
- CS Instruments
- Vaisala



Desiccant

PSI provides wide range of high performance desiccant used for drying of compressed air and gas application. Each lot of desiccant is strictly tested accordance to PSI stringent requirement which enhance the reliability and quality. Each type of desiccant comes with different packaging.

Activated Alumina



Model	Bead Size	Packaging	Nett Weight (kg)
PEDPAC-AA-25	3mm - 5mm	Bag	25
PEDPAC-AA-140	3mm - 5mm	Steel Drum	140

Other bead sizes available upon request

Molecular Sieve



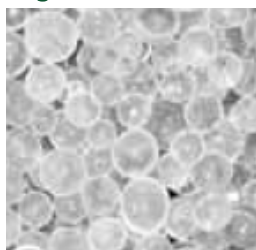
Model	Bead Size	Packaging	Nett Weight (kg)
PEDPAC-MS4A-25	3mm - 5mm	Bag	25
PEDPAC-MS4A-140	3mm - 5mm	Steel Drum	140

Water Resistant Silical Gel



Model	Bead Size	Packaging	Nett Weight (kg)
PEDPAC-WSG-25	3mm - 5mm	Bag	25
PEDPAC-WSG-140	3mm - 5mm	Steel Drum	140

High Performance Silical Gel



Model	Bead Size	Packaging	Nett Weight (kg)
PEDPAC-PSG-25	3mm - 5mm	Bag	25
PEDPAC-PSG-140	3mm - 5mm	Steel Drum	140



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