

Technical Data Sheet

ASME Air receiver With After-cooler 1000*



*Model number may change

Note: Read and follow the Blastline Blast machine operations manual and provide proper training for all users of the device in order to achieve a safe and effective blasting operation.



Description

The Blastline Air Receiver with Air Cooled Aftercooler 1000 is a critical component of compressed air systems, designed to boost the efficiency and lifetime of pneumatic tools and equipment. The air receiver functions as a storage tank, delivering a consistent supply of compressed air while minimizing fluctuations in pressure. Combined with an air-cooled aftercooler, it effectively lowers the temperature of the compressed air, preventing moisture buildup and allowing drier, cooler air to reach the end-use application. This combination not only improves overall system performance but also increases the life of downstream equipment by reducing the danger of corrosion and wear caused by hot, moisture-laden air.

Features

- Highly efficient moisture removal using built-in after-cooler.
- Pneumatic fan motor.
- Easy to maintain.
- Up to 1569 CFM.
- Reduce pulsations from the discharge line.

Benefits

- Pressure stabilization is beneficial for pneumatic tools using compressed air.
- Increased efficiency

ASME "U" Stamp

The ASME U stamp indicates that the pressure vessels adhere to the ASME guidelines, including designing, fabrication, inspection, and testing.

Application

It is suitable for any application using compressed air and storage functions to handle high air consumption. It stabilizes pressure peaks, provides stable air flow, and performs a preliminary separation and removal of condensate while cooling the compressed air with atmospheric air.

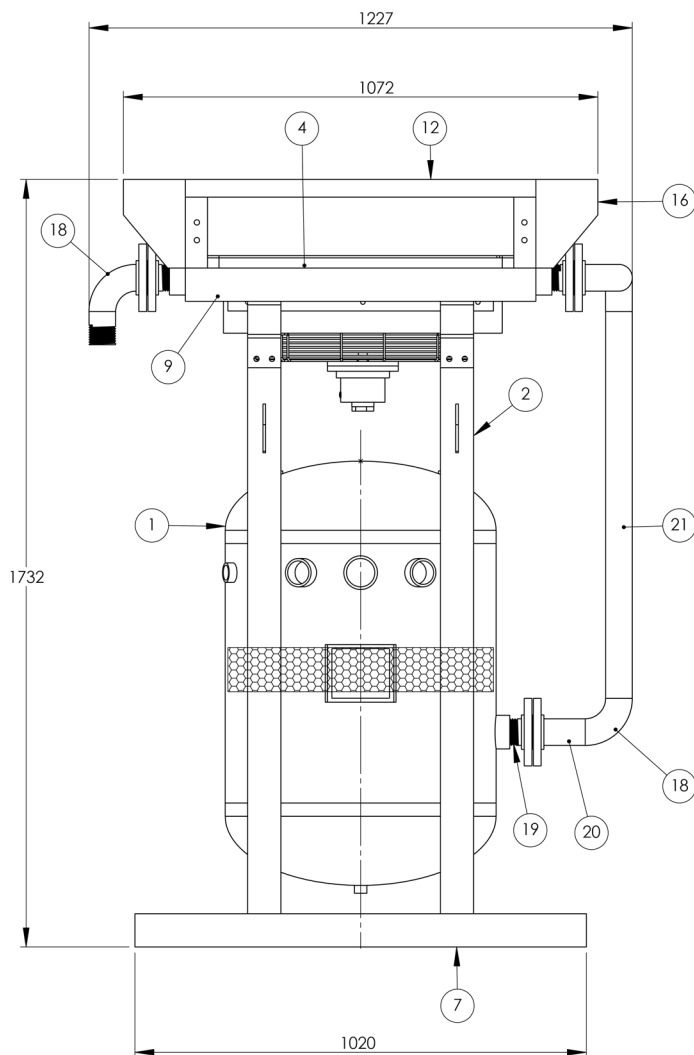
Specifications

Capacity	250L
Diameter	600 mm (23.6 inch)
Safe Working Pressure	1.034 MPa (150 PSI)
Working Temperature	10°C - 45°C
Fabrication Standard	ASME Standard
Internal Airflow Maximum	1569 CFM
Air Compressor Horsepower	150-200HP

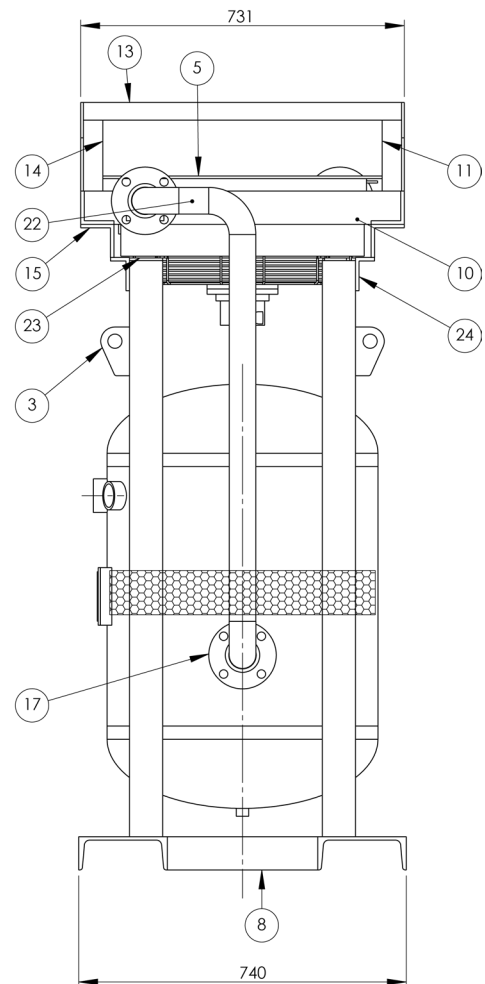
Parts List

Item	Part no.	Description	Qty
1	AR-27-01	ASME Air Receiver 250L	
2	AR-27-02	Leg	
3	AR-27-03	Lifting Lug	
4	AR-27-04	After-cooler	
5	AR-27-05	After-cooler lock_L	
6	AR-27-06	Top Grill_L	
7	AR-27-07	C channel for base	
8	AR-27-08	C channel for base	
9	AR-27-09	After-cooler support angle, Front	
10	AR-27-10	After-cooler support angle, Back	
11	AR-27-11	After-cooler support angle, Left	
12	AR-27-12	After-cooler support angle, Right	
13	AR-27-13	Grill support angle 1	
14	AR-27-14	Grill support angle 2	
15	AR-27-15	Grill support angle	

Item	Part no.	Description	Qty
16	AR-27-16	Grill support angle 4	
17	AR-27-17	Support	
18	AR-27-18	Slip-on Flange	
19	AR-27-19	Elbow 90°	
20	AR-27-20	Threaded Pipe	
21	AR-27-21	Pipe	
22	AR-27-22	Vertical Pipe	
23	AR-27-23	Pipe	
24	AR-27-24	Leg top plate	
25	AR-27-25	Moisture seperator	
26	AR-27-26	Leg 2	
27	AR-27-27	Moisture Seperator Support_L	
28	AR-27-28	Top frame support bend plate	
29	AR-27-29	Bend Plate Support	
30	AR-27-30	Reducer	



*Machine under development. Part numbers may change.



Blastline is committed to continous product improvement. Specifications are subject to change without notice.