

Technical Data Sheet

RCV-1/2"

Remote Control Valve (RCV 050)



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

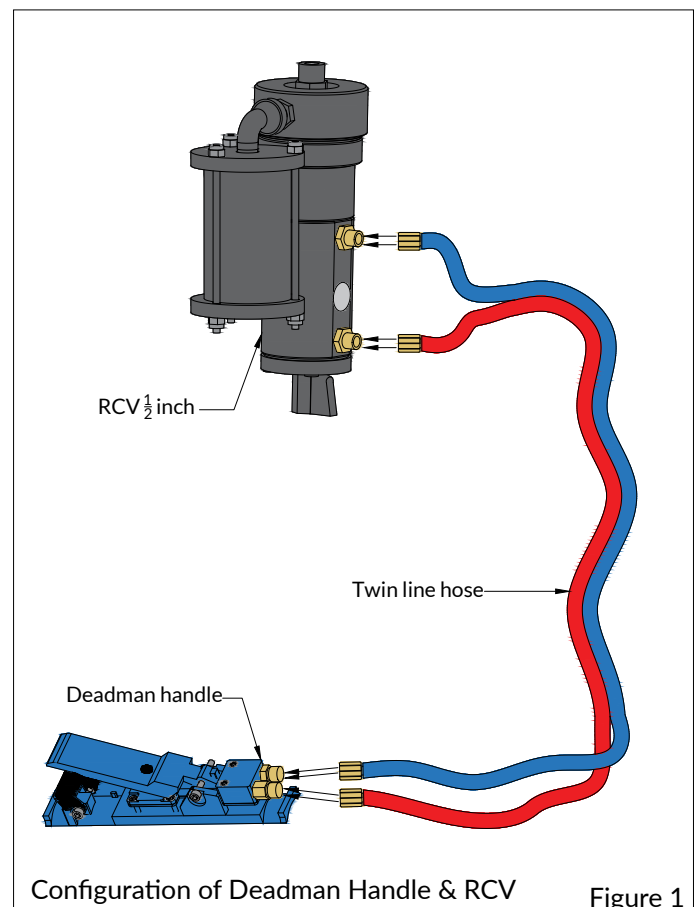
The Remote Control Valve controls the remote pneumatic activation and deactivation of the blast machine operating on the return-air principle via the deadman control handle. The operator has to press down the spring-loaded button and depress the main handle downward atop of it in order to complete the pneumatic circuit to the remote control. This action opens the inlet valve and closes the outlet valve to pressurize the blast machine and start the blasting operation.

Purpose

This fail-proof safety feature ensures the blast operator has full control over the blasting operation. In the event of an accident where the operator loses control over the pressurized blast hose, the release of the deadman handle will depressurize the blast machine and the operation will stop. In the release of the deadman handle, the handle will raise and the safety button will spring upward and act as a safety switch to prevent accidental activation of the blast machine.

Requirements for Operation

- 1/4" Twinline remote control hose (with brass tail and nut fitting)
- Deadman control handle



⚠ WARNING

Never modify or substitute Remote Control Valve parts. Parts from other manufacturers are NOT compatible with Blastline Remote Control Valve .

Parts List

SN	Part no	Description	Qty
1.	RC-80000010	Hex Nipple	1
2.	RC-80000001	Top Manifold	1
3*	RC-RUB-8001	Big O Ring	1
4.	RC-80000018	M6 x 60 Allen Bolt	4
5.	RC-80000002	Dummy Flange	1
6*	RC-RUB-8002	Diaphragm	1
7.	RC-80000008	Outlet Piston	1
8*	RC-RUB-8004	Small O Ring	3
9.	RC-80000003	Exhaust Cylinder	1
10.	RC-80000009	Piston Head	2
11*	RC-RUB-8003	U Seal	2
12.	RC-80000017	M6 x 15 Allen Bolt	2
13*	RC-RUB-8005	Gasket	2
14.	RC-80000004	Housing	1
15.	RC-80000020	Brass Hex Nipple	2
16.	RC-80000007	Inlet Piston	1
17.	RC-80000005	Bottom Cover	1
18.	RC-80000019	M6 x 20 Allen Bolt	4
19.	RC-80000014	3/8" Hex Nipple	1
20.	RC-80000013	Elbow	1
21.	RC-80000016	M6 Nut	6
22.	RC-80000006A	Silencer Top	1
23.	RC-80000011	Silencer Pipe	1
24.	RC-80000012	Mesh	1
25.	RC-80000006	Silencer Bottom	1
26.	RC-80000015	M6 GI stud	3
27.	RC-80000021	Mini Ball Valve	1

* Items Included In Repair Kit

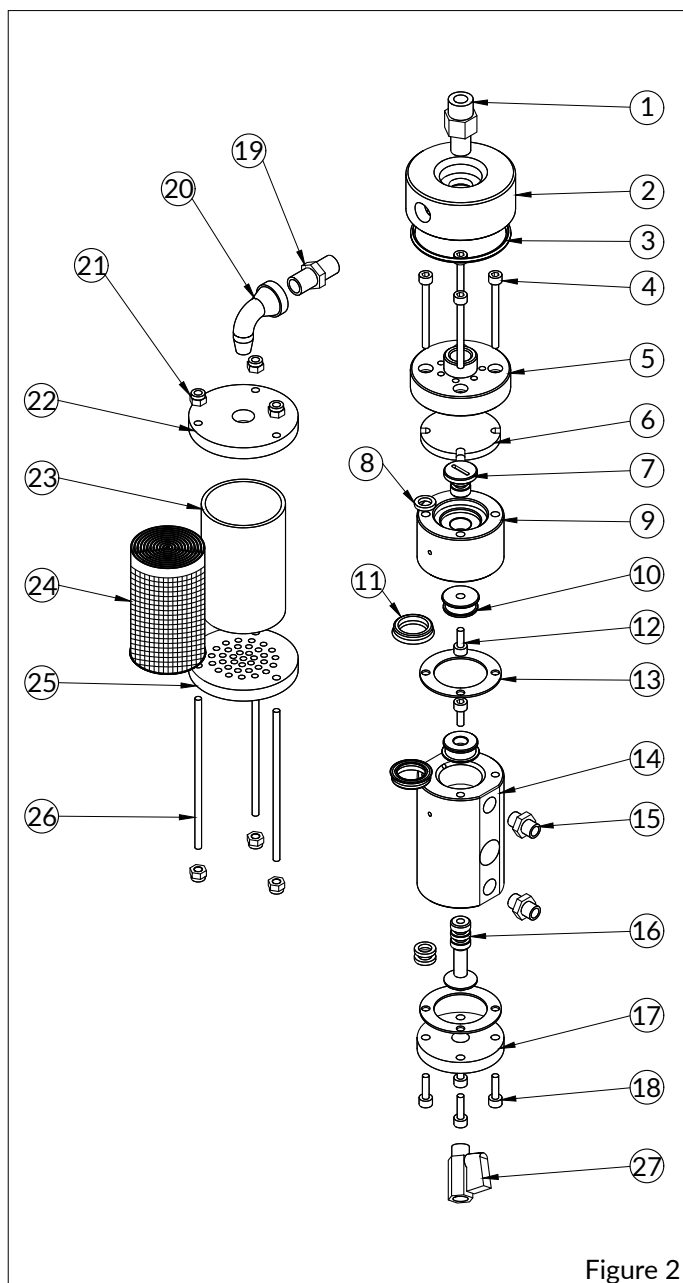


Figure 2

Packaging Details

Individually boxed

Item Code	Item Name	Colour	Weight	Dimension (L x W x H)
BL RC 8000	Remote Control Valve 1/2"	Silver	2.4 kg	31.0 cm x 23.5 cm x 13.5 cm
BL RC 8001	Remote Control Valve 1/2" Powdercoated	Black	2.4 kg	31.0 cm x 23.5 cm x 13.5 cm