

# APPLIED 100 LITRE AQUABLAST MACHINE – WITH THE PNEUMATIC REMOTE CONTROL SYSTEM AND CORSA II GRIT VALVE

**Product Code:** APPCOM100-AQDM

The ideal choice for any size blasting contractors or those involved in small to medium sized fabrication projects require both dry blasting and wet blasting. With a continuous blast time of approximately 25 minutes before refilling its ideal for jobs that require minimum down time. With the push of a button, this dry blast machine transforms into a wet blast machine immediately.

## Key Features

- Pneumatic Double Diaphragm Water Pump
- Concave Top for Rapid Filling of Pot, Sealed Automatically by A Heavy-Duty Pop-Up Valve
- Conical Bottom Ensures All Media Flows to Metering Valve
- Polished Stainless-Steel Dashboard and Handles
- Inspection Hole – Allowing Easy Access for Inspection and Maintenance
- Pneumatic Controlled High Precision Abrasive Valve
- Premium High CFM Moisture Separator / Pressure Regulator
- Quick Claw Couplings Fitted to Ensure Quick Set Up of all Hoses
- Pressure Gauges to Allow for Simple Setup of Different System Pressures
- Heavy Duty Wheels for Increased Mobility
- Dual Water Filtration System to Ensure a Clean Water Supply
- CE Approved
- Irish Made - All Steel is Laser cut, Folded/Rolled, Welded and Tested in Ireland.



## Specifications:

Media Capacity	100 Litres
Tank Diameter	420mm
Height	1260mm
Weight	144kg
Blast Time	Approx 25 minutes
Piping	1"

## Supplied Complete and Ready to Use With:

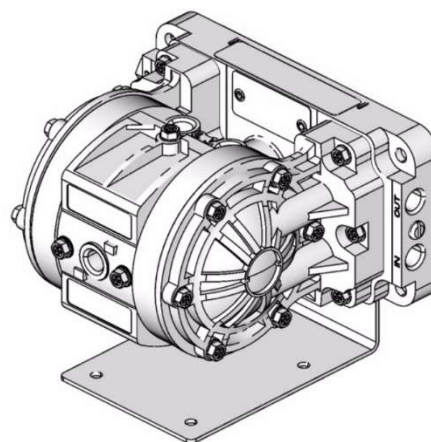
- 10 Meters of Heavy-Duty Blast Hose
- 10 Meters of Heavy-Duty Water Supply Hose
- 10 Meters of Heavy-Duty Water Feed Hose
- 10 Meters of Twin line Control Hose, complete with Quick Release Couplings
- Aluminium Body Water Induction Nozzle with Long Lasting Boron Carbide Insert
- 10 Meters of air supply hose, complete with quick claw couplings, to ensure quick set up
- 12 Month Warranty

*All Applied Blasting Machines are equipped with all necessary fittings, connections etc. By delivery, one complete blasting machine package will be mounted on a wooden pallet.*

# Air-Operated Diaphragm Pump

## Technical Data

- Maximum fluid working pressure: 100 psi (0.7 bar)
- Maximum/minimum air pressure: 100 psi/20psi (7 bar)/ (1.4 bar)
- Maximum fluid flow: 5.0 gpm (18.9 litres per minute)
- Maximum pump speed 320(dry) cycles per minute: 250(wet) cycles per minute
- Volume per stroke: 0.006 gal (23 cc)
- Volume per cycle: 0.012 gal (46 cc)
- Maximum suction lift dry: 8 to 10 ft (2.5 to 3 m)
- Maximum size pumpable solids: 0.06 in. (1.5 mm)
- Maximum operating temperature: (82° C)
- Maximum air consumption: 9.0 scfm (0.252 m<sup>3</sup>/min.)



## Water Consumption

The Applied Aqua Blast Machine Water consumption is infinitely variable depending on air pressure going to the pump which is controlled via the water pump pressure regulator. The more air, the faster the pump (more water used). See below graph: (For example 30 psi would result in the pump using 0.3 liters per minute)

