

# **AEROLYTE**® by Clemco Industries Corp. **Systems**

## **1042PP 1 cubic foot Pool Pal**



Stock Number 24774

**Gently Cleans  
Pool Tile and  
Pool Area  
Surfaces**



The wetblast attachment suppresses blast dust to improve visibility.

***The Aerolyte Pool Pal is a field-portable, light- to medium-duty blast machine ideal for the pool contractor for cleaning pool tile and other surfaces.***

### **Safety**

On the job safety is a concern for every conscientious contractor. Pool Pal machines feature OSHA-required remote controls that allow the blaster to start and stop blasting at the nozzle. If he should drop or otherwise lose control of the nozzle, blasting automatically stops.

### **Productivity**

Efficient use of media and compressed air save time and money. The Pool Pal's metering valve can be precisely adjusted ensuring optimum air/media mix. Full-flow, non-restrictive fittings reduce waste of compressed air. The wetblast attachment supplied with Pool Pal packages suppresses blast dust and improve visibility.

### **Convenience**

One-man portable for easy transport to and around the job site.

### **Flexibility**

Can be used for other blast applications with most common fine-mesh lightweight media.



Built to suit the busy contractor's needs: a one-cubic-foot model, 1042PP comes with a 1/8-inch orifice blast nozzle, which consumes as little as 17 cfm (cubic feet per minute) of compressed air. The Pool Pal is designed for all types of lightweight, fine-mesh media, making it suitable for other blast jobs where lightweight, fine-mesh media or abrasives are used.

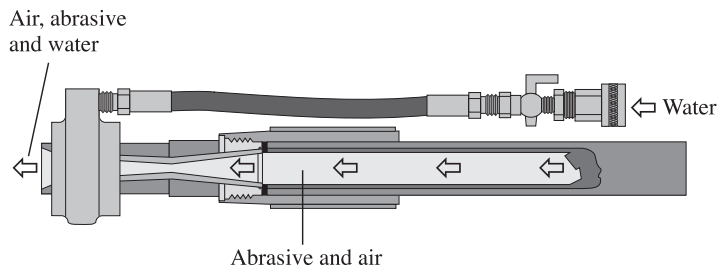
## APPLICATIONS

High production tool to remove calcium, mineral deposits, oily residue, mold, algae, and scale from pool tile and most pool-area surfaces. Also suitable for other blast jobs where fine-mesh or lightweight media or abrasive is used.

**Model 1042PP** is a 10-inch diameter pressure vessel (rated 125 psi working pressure), which holds one cubic foot of media. A 1/8-inch nozzle consumes 17 cfm of air at 80 psig. Approximately one cubic foot of media provides 30 minutes of non-stop blasting before refill. Its sleek shape makes it easy to move around and fill with media.

The basic model includes OSHA-required remote controls, a lightweight fine-mesh media metering valve, and an air filter/moisture separator. When purchased as a Pool Pal Package, coupled 1/2-inch ID blast hose, 1/8-inch orifice nozzle, a wetblast attachment, and blast machine screen and cover are also included.

NIOSH-approved Clemco Apollo helmets are available but not included in any of these assemblies.



The wetblast attachment is easy to attach and simple to maintain.

Model	Specifications	Stock No.	Weight
<b>Pool Pal: 1042PP, 1 cuft capacity</b>	125-psi maximum working pressure 10-inch diameter pressure vessel built to ASME code 1/2-inch ID piping Automatic pop-up valve drops for refilling when machine depressurizes Precisely adjustable media metering valve Pneumatic Remote Controls with RLX remote 'dead-man' handle Air filter/moisture separator* [*Fine-mesh media is susceptible to moisture absorption. Filter removes moisture to ease media flow.]	24774	130 lbs
<b>1042PP Package</b>	Package includes: Machine with remote controls, Air filter/moisture separator, 1/2-inch ID x 16 feet coupled blast hose, CT-2 nozzle, Wetblast attachment, Screen, and Cover	24775	185 lbs

### Options/Accessories for Basic Machines

<b>Wetblast Attachment</b>	Water ring installed at nozzle suppresses blast dust; uses standard municipal water supply.	02701	1 lb
<b>Blast Hose, Coupled</b>	1/2-inch ID x 16 feet, coupled 1/2-inch ID x 25 feet, coupled	01251 01268	8 lbs 13 lbs
<b>Blast Nozzles</b>	CT-2, 1/8" orifice, tungsten carbide lined CT-3, 3/16" orifice, tungsten carbide lined CT-4, 1/4" orifice, tungsten carbide lined	01351 01352 01353	0.5 lbs 0.5 lbs 0.5 lbs
<b>Machine Screens</b>	10-inch diameter	03362	3 lbs
<b>Machine Covers</b>	10-inch diameter	03107	3 lbs
<b>Helmets</b>	Apollo 20 HP with air control valve less respirator hose 25ft respirator hose for Apollo 20 HP  Apollo 20 LP with constant flow connector and 50 ft respirator hose	21419 04397  21423	8 lbs 3 lbs  22 lbs
<b>Helmet Lenses</b>	Apollo 20 perforated outer lenses (pk of 25) Apollo 20 middle lenses (pk of 5)	21411 21410	0.5 lbs 1 lb
<b>Ambient Air Pump for use with LP Helmet Models</b>	Ambient Air Pump, CAP-1 (single operator) Ambient Air Pump, CAP-4 (up to four operators) Ambient Air Pump, CAP-4C (mounted on cart)	22383 22530 22384	65 lbs 175 lbs 205 lbs

### Compressed Air and Abrasive Consumption

Nozzle Orifice	Pressure at the Nozzle (psi)						
	50	60	70	80	90	100	
<b>No. 2 (1/8")</b>	11	13	15	17	18.5	20	Air (cfm)
	.67	.77	.88	1.01	1.12	1.23	Abrasive (cu.ft./hr & Lbs/hr)
	2.5	3	3.5	4	4.5	5	Compressor hp
<b>No. 3 (3/16")</b>	26	30	33	38	41	45	Air (cfm)
	1.50	1.71	1.96	2.16	2.38	2.64	Abrasive (cu.ft./hr & Lbs/hr)
	6	7	8	9	10	10	Compressor hp
<b>No. 4 (1/4")</b>	47	54	61	68	74	81	Air (cfm)
	2.68	3.12	3.54	4.08	4.48	4.94	Abrasive (cu.ft./hr & Lbs/hr)
	11	12	14	16	17	18	Compressor hp

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