

# Gently Cleans Pool Tile and Pool Area Surfaces



Stock Number 24774

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. 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.

### 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

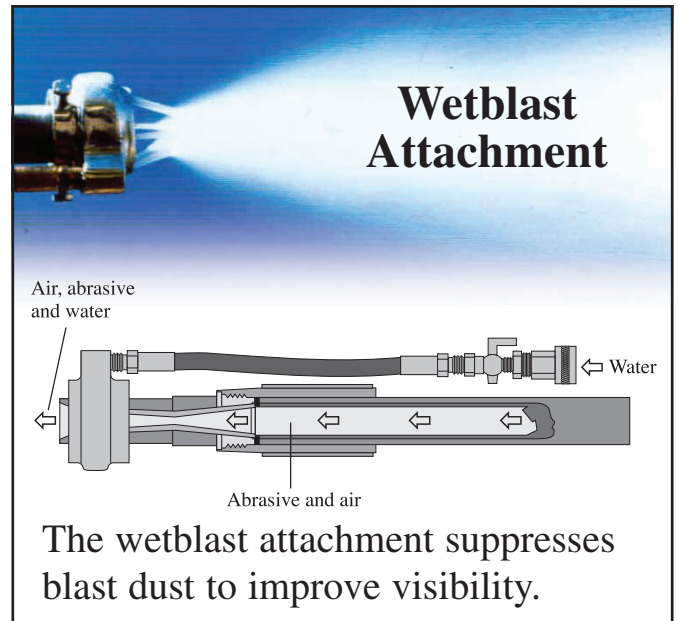
Efficient use of media and compressed air save time and money. The Pool Pal's metering valve can be precisely adjusted ensuring optimum air/media mix. Full-flow, non-restrictive fittings reduce waste of compressed air. The wetblast attachment supplied with Pool Pal packages suppresses blast dust and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



The wetblast attachment suppresses blast dust to improve visibility.

## 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.

### ISO 9001:2000 certified

Tel: 636 239-0300  
 Fax: 800 726-7559  
 Email: info@clemcoindustries.com  
 www.clemcoindustries.com

Distributed by:

**FORTNA EQUIPMENT CO.**  
 2985 S. Wyandot Street  
 Englewood, CO 80110  
 303-756-6066  
 www.fortnaequipment.com

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 Washington MO 63090  
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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	
<b>Options/Accessories for Basic Machines</b>				
<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	01251	8 lbs	
	1/2-inch ID x 25 feet, coupled	01268	13 lbs	
<b>Blast Nozzles</b>	CT-2, 1/8" orifice, tungsten carbide lined	01351	0.5 lbs	
	CT-3, 3/16" orifice, tungsten carbide lined	01352	0.5 lbs	
	CT-4, 1/4" orifice, tungsten carbide lined	01353	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	21419 04397	8 lbs 3 lbs	
	Apollo 20 LP with constant flow connector and 50 ft respirator hose	21423	22 lbs	
<b>Helmet Lenses</b>	Apollo 20 perforated outer lenses (pk of 25)	21411	0.5 lbs	
	Apollo 20 middle lenses (pk of 5)	21410	1 lb	
<b>Ambient Air Pump for use with LP Helmet Models</b>	Ambient Air Pump, CAP-1 (single operator)	22383	65 lbs	
	Ambient Air Pump, CAP-4 (up to four operators)	22530	175 lbs	
	Ambient Air Pump, CAP-4C (mounted on cart)	22384	205 lbs	
<b>Blast Suits</b>	Seasonal nylon suit, available in six sizes	S	22913	2 lbs
		M	22914	2 lbs
		L	22915	3 lbs
		XL	22916	3 lbs
		XXL	22917	4 lbs
		XXXL	25022	4 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	<b>Air (cfm)</b>
	.67	.77	.88	1.01	1.12	1.23	<b>Abrasive (cu.ft./hr &amp; Lbs/hr)</b>
	67	77	88	101	112	123	<b>Compressor hp</b>
<b>No. 3 (3/16")</b>	2.5	3	3.5	4	4.5	5	
	26	30	33	38	41	45	<b>Air (cfm)</b>
	1.50	1.71	1.96	2.16	2.38	2.64	<b>Abrasive (cu.ft./hr &amp; Lbs/hr)</b>
<b>No. 4 (1/4")</b>	150	171	196	216	238	264	<b>Compressor hp</b>
	6	7	8	9	10	10	
	47	54	61	68	74	81	<b>Air (cfm)</b>
<b>No. 4 (1/4")</b>	2.68	3.12	3.54	4.08	4.48	4.94	<b>Abrasive (cu.ft./hr &amp; Lbs/hr)</b>
	268	312	354	408	448	494	<b>Compressor hp</b>
	11	12	14	16	17	18	