

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

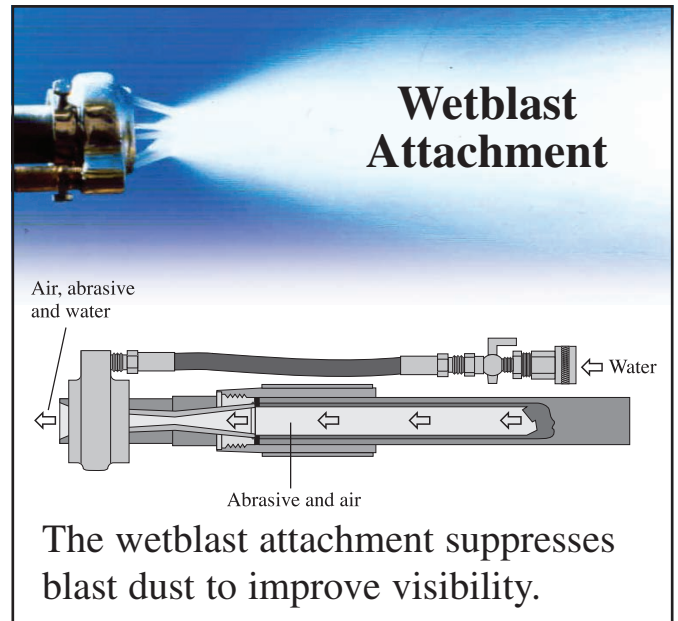
Efficient use of media and compressed air save time and money. The Pool Pal's metering valve can be precisely adjusted ensuring optimum air/media mix. Full-flow, non-restrictive fittings reduce waste of compressed air. The wetblast attachment supplied with Pool Pal packages suppresses blast dust and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



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

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Model	Specifications	Stock No.	Weight	
Pool Pal: 1042PP, 1 cuft capacity	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	
1042PP Package	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				
Wetblast Attachment	Water ring installed at nozzle suppresses blast dust; uses standard municipal water supply.	02701	1 lb	
Blast Hose, Coupled	1/2-inch ID x 16 feet, coupled	01251	8 lbs	
	1/2-inch ID x 25 feet, coupled	01268	13 lbs	
Blast Nozzles	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	
Machine Screens	10-inch diameter	03362	3 lbs	
Machine Covers	10-inch diameter	03107	3 lbs	
Helmets	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	
Helmet Lenses	Apollo 20 perforated outer lenses (pk of 25)	21411	0.5 lbs	
	Apollo 20 middle lenses (pk of 5)	21410	1 lb	
Ambient Air Pump for use with LP Helmet Models	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	
Blast Suits	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	
No. 2 (1/8")	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
No. 3 (3/16")	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)
	150	171	196	216	238	264	Compressor hp
No. 4 (1/4")	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