



# PA20 Series Powered Air-Purifying Respirator Competitive Comparison

877-BULLARD  
www.bullard.com



Feature	Bullard PA1	3M Air Mate	BMDI MaxAir
Blower and Battery Weight	2.4 lbs*	2.2 lbs*	2.45 lbs
Head Top Weight	.25 lbs	.25lbs	2.45 lbs
Battery Technology	NiMH	NiCd	Lithium Ion
Battery Run Time	10 hrs	8 hrs	10 hrs
Battery Warranty	1 year	3 months	1 year
Charger Types	Single port and 5 port	Single port, 5 port, 10 port	Single port
Low Voltage Alarm	Yes – 77 dBA	No	Yes – LED Indicator
Low Flow Alarm	No	No	Yes – LED Indicator
Air Flow	8.5 CFM	6.5 CFM	6.5/7.5/8.5 CFM (lo/med/hi settings)
Assigned Protection Factor (APF)	25 with loose-fitting facepiece	25 with loose-fitting facepiece	25 with cuff system
Company Years in Business	Founded 1898	Founded 1902	Founded 1992
Made in USA	Yes	Yes	No – Made in Mexico
Charger with Trickle Charge Feature	Yes	Yes	Yes
Can leave batteries on charge indefinitely? (Smart Charger)	Yes	No (Max 30 days)	No (Max 4 weeks)
Time required to fully charge battery	4-8 hours	16 hours	4-6 hours

### Other Bullard Advantages vs. AirMate:

- More variety of hoods available
- Thicker lens for fewer wrinkles and dents
- Bullard hood has air delivery plenum that prevents fogging. Airmate hood delivers air into the back of the head and may fog easily.

### Other Bullard Advantages vs. MaxAir:

- Audible alarm
- Easier to assemble - easier filter change
- More variety of hoods available
- Hood available for use with hard hat
- Easier to share common blower with separate hoods for hygiene purposes
- Decon-shower friendly with air intake at the bottom
- No external battery cable