

“Save
Your
Breath
With



11370 Breininger Road
P. O. Box 87
Hicksville, OH 43526
E-Mail Address: modsafe@bright.net

www.modsafe.com

(419) 542-6645
(800) 542-6646
888-MODSAFE
Fax: (419) 542-6475

SIZING CHART- NUMBER OF OPERATORS PER MST UNIT MODELS VS. FLOW REQUIREMENTS FOR VARIOUS TYPES OF SUPPLIED-AIR RESPIRATORS, HOODS AND HELMETS.

NOTE: The following information is approximate only. Respirator manufacturer’s requirements, and local and federal regulations may vary. Users of MST’s Breathing Air/Purification systems should consult the respirator manufacturers’s instruction manual for proper pressure and air flow requirements for particular applications.

MST’S SYSTEM MODEL NUMBER	RP008 AMST	RP010 AMST	RP050B_ BA050B_	RP050B_S1 BA050B_S1	BA100B_ BA100B_S1	RP100B_S1 TWIN 50	RP200B_S1
NO. OF OUTLETS	1	1	4	1*	8(1-S1)	1*	1*
MAX. FLOW**	8	10	50	50	80	100	200
PRESSURE DROP AT MAX. FLOW	_____	35	35	35	35	35	65
RESPIRATOR USED	NUMBER OF OPERATORS PER RESPIRATOR TYPE						
HALF MASK CONT. FLOW 4-15 SCFM/OPER	1	1-2	1-12	1-12	1-25	1-25	1-50
FULL FACE CONT. FLOW 4-15 SCFM/OPER	1	1	1-8	1-8	1-16	1-16	1-33
FULL FACE PRESSURE DEMAND 3-5 SCFM/OPER.	1	1-2	1-16	1-16	1-15	1-33	1-38
TYVEC HOOD/HELMET CONT. FLOW 6 TO 15 SCFM/OPER	0	1	1-8	1-8	1-16	1-16	1-33
TYVEC HOOD/HELMET CONT. FLOW W/VORTEC UP TO 35 SCFMOPER	0	0	1-2	1-2	1-3	1-4	1-7

* OPTIONAL (4), (8), (12) AND (16) OUTLET MANIFOLD AVAILABLE.

** FLOW (SCFM) BASED ON 100 PSI INLET PRESSURE-MAINTAINED AT FULL FLOW (DYNAMIC).

NOTE: MST® RESERVES THE RIGHT TO CHANGE OR MODIFY SPECIFICATIONS AND/OR PRODUCTS.