



**Project Information**      Project Number \_\_\_\_\_ Approval \_\_\_\_\_

AREA	SCFM Allowed per:			% USE FACTOR X	AVG. Peak Flow	x QTY	TOTAL DEMAND
	** Outlets Min. Req'd.	Bed	Room				
<b>Anesthetizing Locations:</b>							
Major Operating Room	2/Room		0.5	100%	0.500		
Minor OR's, GI, & Cysto's.	2/Room		0.5	75%	0.375		
Delivery Rooms	2/Room		0.5	100%	0.500		
Cardiac-Cath. & Radiology	1/Bed		0.5	10%	0.050		
Major Trauma and Emergency Surgery Rooms	2/Room		0.5	25%	0.125		
Other Anesthetizing Area's	2/Room		0.5	25%	0.125		
<b>Acute Care Areas:</b>							
Medical and Cardiac ICU	2/Bed	2		50%	1.000		
Ventilators ( <i>high vol. usage</i> )	2/Bed	3.5		100%	3.500		
Neonatal ICU	2/Bed	1.5		75%	1.125		
Nursery	1/Bed	0.5		25%	0.125		
Post Op. Recovery Rms	3/Bed	2		25%	0.500		
Emergency Rms	2/Bed	2		10%	0.200		
<b>Non-Acute Care Areas:</b>							
Pre-Op Holding	1/Bed	1.5		10%	0.150		
Respiratory Care	1/bed		1	50%	0.500		
Pat. Room Med. or Surg.		0.5		10%	0.050		
LDRP's	1/bed		1	50%	0.500		
Exam / Treatment Rm's.			1	10%	0.100		
Pulmonary Function Lab	1/station	1		50%	0.500		
Anesthesia & Resp. Work Rms	1/station		1.5	10%	0.150		
Other Non-Acute Care Area's			1.5	10%	0.150		
X-Ray & Radiology	1/Bed		1.5	10%	0.150		
<b>Other Special Considerations:</b>							
Dialysis Units		0.5		10%	0.050		
EEG & EKG Stress Lab's	1/station	1		50%	0.500		
Equipment Room			1.5	10%	0.150		

**Total Peak Calculated Flow in SCFM's (Free Air) @ 50 psi.:**  
**+ Additions for estimated future demand and expansions: 25%**  
**Grand Total =**

\*\* AHA Recommendations: for Medical Air Outlet(s) per patient use location