

Table 4-1.

Function Space	Pressure Relationship to Adjacent Areas (a)	Minimum Air Changes of Outdoor Air per Hour (b)	Minimum Total Air Changes per Hour (c)	All Air Exhausted Directly to Outdoors (m)	Air Recirculated Within Room Units (d)	Relative Humidity (n)(%)	Design Temperature (o) °F (°C)
SURGERY AND CRITICAL CARE							
Operating room (recirculating air system) (e) (r)	P	5	25	-	No	30-60	68-75 [20-23.9]
Operating/surgical cystoscopic rooms (e), (p), (q) (r)	P	5	25	Yes	No	30-60	68-75 [20-23.9]
Delivery room (p) (r)	P	5	25	-	No	30-60	68-75 [20-23.9]
Recovery room (p)	-	2	6	-	No	30-60	70-75 [21.1-23.9]
Critical and intensive care	-	2	6	-	No	30-60	70-75 [21.1-23.9]
Newborn intensive care	-	2	6	-	No	30-60	72-78 [22.2-25.6]
Treatment room (s)	-	-	6	-	-	30-60	70-75 [21.1-23.9]
Nursery suite	P	5	12	-	No	30-60	75-80 [23.9-26.7]
Trauma room (crisis or shock) (f) (s)	-	3	15	-	No	30-60	70-75 [21.1-23.9]
Trauma room (conventional ED or treatment) (f) (s)	P	2	6	-	No	30-60	70-75 [21.1-23.9]
Anesthesia gas storage	N	-	8	Yes	-	-	-
Endoscopy	N	2	6	-	No	30-60	68-73 [20-22.8]
Bronchoscopy (q)	N	2	12	Yes	No	30-60	68-73 [20-22.8]
ER waiting rooms	N	2	12	Yes	-	30-60	70-75 [21.1-23.9]
Triage	N	2	12	Yes	-	-	70-75 [21.1-23.9]
Radiology waiting rooms	N	2	12	Yes (t) (u)	-	-	70-75 [21.1-23.9]
Class A Operating (procedure) room (e) (r)	N	3	15	-	No	30-60	70-75 [21.1-23.9]

Table 4-1. (Continued)

Function Space	Pressure Relationship to Adjacent Areas (a)	Minimum Air Changes of Outdoor Air per Hour (b)	Minimum Total Air Changes per Hour (c)	All Air Exhausted Directly to Outdoors (m)	Air Recirculated Within Room Units (d)	Relative Humidity (n)(%)	Design Temperature (o) °F (°C)	
NURSING								
Patient room	-	2	6(v)	-	-	30-60	70-75 [21.1-23.9]	
Toilet room (g)	N	Optional	10	Yes	No	-	-	
Newborn nursery suite	-	2	6	-	No	30-60	72-78 [22.2-25.6]	
Protective environment room (i), (q), (w)	P	2	12	-	No	-	70-75 [21.1-23.9]	
Airborne infection isolation room (h),(q), (x)	N	2	12	Yes (u)	No	-	70-75 [21.1-23.9]	
Isolation alcove or anteroom (w) (x)	P/N	2	10	Yes	No	-	-	
Labor/delivery/recovery/postpartum (LDRP)	-	2	6(v)	-	-	30-60	70-75 [21.1-23.9]	
Public Corridor	N	2	2	-	-	-	-	
Patient corridor	-	2	4	-	-	-	-	
ANCILLARY								
RADIOLOGY (y)	X-ray (diagnostic and treatment)	-	2	6	-	-	30-60	72-78 [22.2-25.6]
	X-ray (surgery/critical care and catheterization)	P	3	15	-	No	30-60	70-75 [21.1-23.9]
	Darkroom	N	2	10	Yes (j)	No	-	-
Laboratory, general (y)	N	2	6	Yes	No	30-60	70-75 [21.1-23.9]	
Laboratory, bacteriology	N	2	6	Yes	No	30-60	70-75 [21.1-23.9]	
Laboratory, biochemistry (y)	P	2	6	-	No	30-60	70-75 [21.1-23.9]	
Laboratory, cytology	N	2	6	Yes	No	30-60	70-75 [21.1-23.9]	
Laboratory, glasswashing	N	Optional	10	Yes	-	-	-	
Laboratory, histology	N	2	6	Yes	No	30-60	70-75 [21.1-23.9]	

Table 4-1. (Continued)

Function Space	Pressure Relationship to Adjacent Areas (a)	Minimum Air Changes of Outdoor Air per Hour (b)	Minimum Total Air Changes per Hour (c)	All Air Exhausted Directly to Outdoors (m)	Air Recirculated Within Room Units (d)	Relative Humidity (n)(%)	Design Temperature (o) °F (°C)
Microbiology (y)	N	-	6	Yes	No	30-60	70-75 [21.1-23.9]
Laboratory, nuclear medicine	N	2	6	Yes	No	30-60	70-75 [21.1-23.9]
Laboratory, pathology	N	2	6	Yes	No	30-60	70-75 [21.1-23.9]
Laboratory, serology	P	2	6	Yes	No	30-60	70-75 [21.1-23.9]
Laboratory, sterilizing	N	Optional	10	Yes	No	30-60	70-75 [21.1-23.9]
Laboratory, media transfer	P	2	4	-	No	30-60	70-75 [21.1-23.9]
Autopsy room (q)	N	2	12	Yes	No	-	-
Nonrefrigerated body-holding room (k)	N	Optional	10	Yes	No	-	70 [21.1]
Pharmacy	P	2	4	-	-	30-60	70-75 [21.1-23.9]
ADMINISTRATION							
Admitting and waiting rooms	N	2	6	Yes	-	30-60	70-75 [21.1-23.9]
DIAGNOSTIC AND TREATMENT							
Bronchoscopy, sputum collection, and pentamidine administration	N	2	12	Yes	-	30-60	70-75 [21.1-23.9]
Examination room	-	2	6	-	-	30-60	70-75 [21.1-23.9]
Medication room	P	2	4	-	-	30-60	70-75 [21.1-23.9]
Treatment room	-	2	6	-	-	30-60	70-75 [21.1-23.9]
Physical therapy and hydrotherapy	N	2	6	-	-	30-60	72-80 [22.2-26.7]
Soiled workroom or soiled holding	N	2	10	Yes	No	30-60	72-78 [22.2-25.6]
Clean workroom or clean holding	P	2	4	-	-		

Table 4-1. (Continued)

Function Space	Pressure Relationship to Adjacent Areas (a)	Minimum Air Changes of Outdoor Air per Hour (b)	Minimum Total Air Changes per Hour (c)	All Air Exhausted Directly to Outdoors (m)	Air Recirculated Within Room Units (d)	Relative Humidity (n)(%)	Design Temperature (o) °F (°C)
STERILIZING AND SUPPLY							
ETO-sterilizer room	N	-	10	Yes	No		
Sterilizer equipment room	N	-	10	Yes	No		
Central medical and surgical supply							
Soiled or decontamination room	N	2	6	Yes	No	30-60	72-78 [22.2-25.6]
Clean workroom	P	2	4	-	No	30-60	72-78 [22.2-25.6]
Sterile storage	P	2	4	-	-	30-60	72-78 [22.2-25.6]
SERVICE							
Food preparation center (l)	-	2	10	Yes	No		
Warewashing	N	Optional	10	Yes	No		
Dietary day storage	-	Optional	2	-	No		
Laundry, general	N	2	10	Yes	No		
Soiled linen sorting and storage	N	Optional	10	Yes	No		
Clean linen storage	P	2 (Optional)	2	-	-		
Linen and trash chute room	N	Optional	10	Yes	No		
Bedpan room	N	Optional	10	Yes	No		
Bathroom	N	Optional	10	Yes	No		72-78 [22.2-25.6]
Janitor's closet	N	Optional	10	Yes	No		