

TABLE 7-1 Design Parameters

Function of Space	Pressure Relationship to Adjacent Areas (n)	Minimum Outdoor a/c	Minimum Total a/c	All Room Air Exhausted Directly to Outdoors (j)	Air Recirculated by Means of Room Units (a)	RH (%), %	Design Temperature (l), °F/°C
SURGERY AND CRITICAL CARE							
Classes B and C operating rooms, (m), (n), (o)	Positive	4	20	N/R	No	30-60	68-75/20-24
Operating/surgical cystoscopic rooms, (m), (n), (o)	Positive	4	20	N/R	No	30-60	68-75/20-24
Delivery room (Caesarean) (m), (n), (o)	Positive	4	20	N/R	No	30-60	68-75/20-24
Substerile service area	N/R	2	6	N/R	No	N/R	N/R
Recovery room	N/R	2	6	N/R	No	30-60	70-75/21-24
Critical and intensive care	Positive	2	6	N/R	No	30-60	70-75/21-24
Wound intensive care (burn unit)	Positive	2	6	N/R	No	40-60	70-75/21-24
Newborn intensive care	Positive	2	6	N/R	No	30-60	70-75/21-24
Treatment room (p)	N/R	2	6	N/R	N/R	30-60	70-75/21-24
Trauma room (crisis or shock) (c)	Positive	3	15	N/R	No	30-60	70-75/21-24
Medical/anesthesia gas storage (r)	Negative	N/R	8	Yes	N/R	N/R	N/R
Laser eye room	Positive	3	15	N/R	No	30-60	70-75/21-24
ER waiting rooms (q)	Negative	2	12	Yes	N/R	max 65	70-75/21-24
Thriage	Negative	2	12	Yes	N/R	max 60	70-75/21-24
ER decontamination	Negative	2	12	Yes	No	N/R	N/R
Radiology waiting rooms (q)	Negative	2	12	Yes	N/R	max 60	70-75/21-24
Class A Operating/Procedure room (o), (d)	Positive	3	15	N/R	No	30-60	70-75/21-24
INPATIENT NURSING							
Patient room (s)	N/R	2	6	N/R	N/R	max 60	70-75/21-24
Toilet room	Negative	N/R	10	Yes	No	N/R	N/R
Newborn nursery suite	N/R	2	6	N/R	No	30-60	72-78/22-26
Protective environment room (f), (n), (t)	Positive	2	12	N/R	No	max 60	70-75/21-24
All room (e), (n), (u)	Negative	2	12	Yes	No	max 60	70-75/21-24
All isolation anteroom (t) (u)	N/R	N/R	10	Yes	No	N/R	N/R
Labor/delivery/recovery/postpartum (LDRP) (s)	N/R	2	6	N/R	N/R	max 60	70-75/21-24
Labor/delivery/recovery (LDR) (s)	N/R	2	6	N/R	N/R	max 60	70-75/21-24

Note: N/R = no requirement

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Function of Space	Pressure Relationship to Adjacent Areas (n)	Minimum Outdoor a/c	Minimum Total a/c	All Room Air Exhausted Directly to Outdoors (j)	Air Recirculated by Means of Room Units (a)	RH (%), (k)	Design Temperature (l), °F/°C
SKILLED NURSING FACILITY							
Corridor	N/R	N/R	2	N/R	N/R	N/R	N/R
Resident room	N/R	2	2	N/R	N/R	N/R	70-75/21-24
Resident gathering/activity/dining	N/R	4	4	N/R	N/R	N/R	70-75/21-24
Physical therapy	Negative	2	6	N/R	N/R	N/R	70-75/21-24
Occupational therapy	N/R	2	6	N/R	N/R	N/R	70-75/21-24
Bathing room	Negative	N/R	10	Yes	N/R	N/R	70-75/21-24
RADIOLOGY (v)							
X-ray (diagnostic and treatment)	N/R	2	6	N/R	N/R	max 60	72-78/22-26
X-ray (surgery/critical care and catheterization)	Positive	3	15	N/R	No	max 60	70-75/21-24
Darkroom (g)	Negative	2	10	Yes	No	N/R	N/R
DIAGNOSTIC AND TREATMENT							
Bronchoscopy, sputum collection, and pentamidine administration (h)	Negative	2	12	Yes	No	N/R	68-73/20-23
Laboratory, general (v)	Negative	2	6	N/R	No	N/R	70-75/21-24
Laboratory, bacteriology (v)	Negative	2	6	Yes	No	N/R	70-75/21-24
Laboratory, biochemistry (v)	Negative	2	6	Yes	No	N/R	70-75/21-24
Laboratory, cytology (v)	Negative	2 _u	6	Yes	No	N/R	70-75/21-24
Laboratory, glasswashing	Negative	2	10	Yes	No	N/R	N/R
Laboratory, histology (v)	Negative	2	6	Yes	No	N/R	70-75/21-24
Laboratory, microbiology (v)	Negative	2	6	Yes	No	N/R	70-75/21-24
Laboratory, nuclear medicine (v)	Negative	2	6	Yes	No	N/R	70-75/21-24
Laboratory, pathology (v)	Negative	2	6	Yes	No	N/R	70-75/21-24
Laboratory, serology (v)	Negative	2	6	Yes	No	N/R	70-75/21-24
Laboratory, sterilizing	Negative	2	10	Yes	No	N/R	70-75/21-24
Laboratory, media transfer (v)	Positive	2	4	N/R	No	N/R	70-75/21-24
Autopsy room (n)	Negative	2	12	Yes	No	N/R	68-75/20-24
Nonrefrigerated body-holding room (h)	Negative	N/R	10	Yes	No	N/R	70-75/21-24
Pharmacy (b)	Positive	2	4	N/R	N/R	N/R	N/R

Note: N/R = no requirement

TABLE 7-1 Design Parameters

Function of Space	Pressure Relationship to Adjacent Areas (h)	Minimum Outdoor ach	Minimum Total ach	All Room Air Exhausted Directly to Outdoors (j)	Air Recirculated by Means of Room Units (a)	RH (k), %	Design Temperature (l), °F/°C
Examination room	N/R	2	6	N/R	N/R	max 60	70-75/21-24
Medication room	Positive	2	4	N/R	N/R	max 60	70-75/21-24
Endoscopy	Positive	2	15	N/R	No	30-60	68-73/20-23
Endoscope cleaning	Negative	2	10	Yes	No	N/R	N/R
Treatment room	N/R	2	6	N/R	N/R	max 60	70-75/21-24
Hydrotherapy	Negative	2	6	N/R	N/R	N/R	72-80/22-27
Physical therapy	Negative	2	6	N/R	N/R	Max 65	72-80/22-27
STERILIZING							
Sterilizer equipment room	Negative	N/R	10	Yes	No	N/R	N/R
CENTRAL MEDICAL AND SURGICAL SUPPLY							
Soiled or decontamination room	Negative	2	6	Yes	No	N/R	72-78/22-26
Clean workshop	Positive	2	4	N/R	No	max 60	72-78/22-26
Sterile storage	Positive	2	4	N/R	N/R	max 60	72-78/22-26
SERVICE							
Food preparation center (i)	N/R	2	10	N/R	No	N/R	72-78/22-26
Warewashing	Negative	N/R	10	Yes	No	N/R	N/R
Dietary storage	N/R	N/R	2	N/R	No	N/R	72-78/22-26
Laundry, general	Negative	2	10	Yes	No	N/R	N/R
Soiled linen sorting and storage	Negative	N/R	10	Yes	No	N/R	N/R
Clean linen storage	Positive	N/R	2	N/R	N/R	N/R	72-78/22-26
Linen and trash chute room	Negative	N/R	10	Yes	No	N/R	N/R
Bedpan room	Negative	N/R	10	Yes	No	N/R	N/R
Bathroom	Negative	N/R	10	Yes	No	N/R	72-78/22-26
Janitor's closet	Negative	N/R	10	Yes	No	N/R	N/R
SUPPORT SPACE							
Soiled workshop or soiled holding	Negative	2	10	Yes	No	N/R	N/R
Clean workshop or clean holding	Positive	2	4	N/R	N/R	N/R	N/R
Hazardous material storage	Negative	2	10	Yes	No	N/R	N/R

Note: N/R = no requirement