TABLE 1. TEMPERATURES AND HUMIDITIES APPLICABLE TO INDUSTRIAL AIR CONDITIONING

INDUSTRY	PROCESS	TEMPERATURE FAHRENHEIT DEGREES	RELATIVE HUMIDITY PER CENT
AUTOMOBILE	Assembly line	65 to 80	40 to 55
	Precision parts—honing—machining	75 to 80	35 to 45
BAKING	Cake icing	70	50
	Cake mixing	75	65
	Dough fermentation room	80	76 to 80
	Dough retarding	32 to 40	76 to 85
	Loaf cooling	70	60 to 70
	Make-up room	75 to 80	65 to 70
	Mixing room	75 to 80	65 to 70
	Paraffin paper wrapping	70 to 80	55
	Proof boxes	90 to 95	80 to 90
	Storage of flour	65 to 75	55 to 65
	Storage of yeast	32 to 45	60 to 75
BIOLOGICAL PRODUCTS	Vaccines	below 32	
	Antitoxins	38 to 42	
	Blood bank	38 to 42	60 to 65
BREWING	Fermentation in vat room	44 to 50	50 to 70
	Storage of grains	60	30 to 45
CERAMIC	Drying of refractory shapes	110 to 150	50 to 90[a]
	Molding room	80	60 to 70
	Storage of clay	60 to 80	35 to 65
CONFECTIONERY	Chewing gum rolling	75	50 to 60
	Chewing gum wrapping	70	50 to 60
	Chocolate covering	62 to 65	50 to 55
	Hard candy making	70 to 80	30 to 40
	Packing	65	40
	Starch room	75 to 85	50
	Storage	60 to 68	50
DISTILLERY	General manufacture	60 to 75	45 to 65
	Storage of grains	60	30 to 45
DRUG	Deliquescent powder	75	35
	Effervescent granulations	80	40
	Liver extracts (powdered)	70	20 to 30
	Storage of powders and tablets	70 to 80	30 to 35
	Tablet compressing	70 to 80	40
	Packaging	80	40
ELECTRICAL	Insulation winding	104	5
	Manufacture of cotton covered wire	60 to 80	60 to 70
	Manufacture of electrical windings	60 to 80	35 to 50
	Storage of electrical goods	60 to 80	35 to 50
FOOD	Butter making	60	60
	Dairy chill room	40	60
	Preparation of cereals	60 to 70	38
	Ripening of meats	40	70 to 80
	Slicing of bacon	60	45 to 70
	Storage of apples	31 to 34	75 to 85
	Storage of citrus fruit	32	80
	Storage of eggs in shell	30	80
	Storage of meats (frozen)	0 to 5	85
	Storage of meats (above freezing)	36	85
	Storage of sugar	80	35
FUR	Drying of furs	110	
	Storage of furs	18 to 50	50 to 65

[a] Schedule Drying.

TABLE 1. TEMPERATURES AND HUMIDITIES APPLICABLE TO INDUSTRIAL AIR CONDITIONING—(Concluded)

INDUSTRY	PROCESS	TEMPERATURE FAHRENHEIT DEGREES	RELATIVE HUMIDITY PER CENT
INCUBATORS	Chicken	99 to 102	55 to 75
INSTRUMENTS	Repair and calibration	68	35 to 45
LABORATORY	General analytical and physical[b]	73.4	50
	Storage of materials	60 to 70	35 to 50
LEATHER	Drying of hides	90	[a]
	Mulling	95 to 100	95
LIBRARY	Book storage	65 to 70	40 to 60
LINOLEUM	Printing	80	—
MATCHES	Manufacturing	72 to 74	50
	Storage of matches	60	50
MUNITIONS	Fuse loading	70	55
PAINT	Air drying lacquers	70 to 90	60
	Baking lacquers	180 to 300	
	Air drying of oil paints	60 to 90	60
PAPER	Binding, cutting, drying, folding, gluing	60 to 80	40 to 60
	Storage of paper	75 to 80	40 to 60
	Testing Laboratory[b]	73.4	50
PHOTOGRAPHIC	Development of film	70 to 75	60
	Drying	75 to 80	50
	Printing	70	70
	Cutting	72	65
PLASTICS	Cellophane wrapping	75 to 80	45 to 65
PRINTING	Binding	70	45
	Folding	77	65
	Press room (general)	75	60 to 75
	Press room (lithographic)	75 to 80	50 to 60
	Storage of rollers	70 to 90	50 to 55
RUBBER	Manufacturing	90	
	Dipping of surgical rubber articles	75 to 90	25 to 35
	Standard laboratory tests[b]	73.4	50
	Cementing	80	25 to 30
TEXTILE	Cotton—carding	75 to 80	50 to 55
	combing	75 to 80	50 to 60
	roving	75 to 80	50 to 60
	spinning	75 to 80	50 to 65
	weaving	68 to 75	70 to 85
	Rayon—spinning	80	70
	throwing	80	60
	weaving	75 to 88	60 to 75
	Silk— dressing	75 to 80[a]	60 to 65
	spinning	75 to 80	65 to 70
	throwing	75 to 80	65 to 70
	weaving	75 to 80	60 to 75
	Wool— carding	75 to 80	65 to 70
	spinning	75 to 80	55 to 60
	weaving	75 to 80	50 to 55
	Nylon—knitting	75 to 80	35 to 45
	Testing Laboratory[b]	73.4	50
TOBACCO	Cigar and cigarette making	70 to 75	55 to 75
	Softening	90	85
	Stemming or stripping	75 to 85	70 to 80

[a] Schedule Drying. [b] *A.S.T.M.* Standard.