

Recommended air conditions for steam humidifier applications

Application	Temperature in °C		relative Humidity in %	
	from	to	from	to
breeding				
chick	36	39	70	75
pig	20	25	70	80
mice, rats	22	25	50	55
monkey	20	28	50	65
building material				
concrete	15	18	90	98
ceramics				
forms	20	25		65
dryer	10	25		50
clay stockroom		20		50
exhibition	23	27		48
chemics/pharma				
cellophane-production	24	27	45	65
fibre-production		25	65	70
foil-production		20		60
foil handling	20	24	55	60
gelatine-capsule	20	25	25	40
penicillin-production		25		60
powder stockroom		24		35
pill-press		24		35
electric production				
pipes		20		40
instruments	21	24	50	55
micro-electronic		22	40	45
switches		23		50
pipeline		24	65	70
paint				
enamel	16	32	55	65
lac	20	22	55	60
oil-paints	16	32		80
film industry				
developing		20		60
copying, cutting	20	22	65	70
stockroom	15	18	40	50
studio	22	26		40
drying	22	25		50
bowling alley		21		50
kindergarden	21	23	45	50
churches	15	18	40	55
laboratories				
animal room	21	25	45	50
clean rooms production	19	25	40	55
clean rooms controlling		22		45
measuring rooms	21	23	50	55
music industry				
wood	20	22	50	55
food				
apple stockroom	1	4	90	95
beer-ferment room	4	8	50	70
candy	20	24	40	45
candy stockroom		18	45	50

Recommended air conditions for steam humidifier applications

Application	Temperature in °C		relative Humidity in %	
	from	to	from	to
bread production		25		65
ferment room	30	40	70	80
yeast stockroom		5		75
selling area		20	60	60
citrus stockroom	3	5		95
egg stockroom	8	10	70	80
meat coolingroom	0	3	80	85
meat hanging	2	4	80	85
meat selling		18	60	70
honey stockroom		2		75
hard cheese	2	15	75	85
soft cheese mature	2	15	85	95
potatoes stockroom		5		85
chewing gum production		25		35
cookie production	15	20	40	55
cookie stockroom		1		90
chocolate production	16	18	50	55
chocolate packing		18		55
chocolate stockroom	15	20	40	55
mushroom stockroom		2	80	85
tea stockroom	15	20	60	65
hothouse	20	30	40	90
sausage mature		15	80	95
sausage smoke		18		80
onion stockroom		1		80
fur stockroom	14	18	55	60
sandpaper	16	21	40	50
schools	21	22	45	50
tobacco				
rough tobacco stockroom	22	25	70	80
cutting room	22	24		60
cigarette production	22	26		60
cigar production	20	26		70
sniff tobacco production	20	22		70
sniff tobacco stockroom	18	20	55	60
filter stockroom	20	22	55	65
cigarette paper stockroom		22	55	65
telephone operation room	20	22	50	60
printing offices				
paper storage room	18	20	60	65
paper lab		20		65
photo print		22	50	60
rotary printing		20	50	60
sieve printing		22	50	60
film development		22	50	60
bookbindery	20	22	55	60
wood industry				
antique	20	24	45	50
boat construction	15	19		69
windows - doors	20	22	50	60
veneer	15	18	50	60

Recommended air conditions for steam humidifier applications

Application	Temperature in °C		relative Humidity in %	
	from	to	from	to
furniture production	18	22	40	50
furniture stockroom	12	15	50	55
model production	18	20	50	55
model stockroom	12	15	50	55
chipboard	12	20	50	55
plywood press		30		60
leather industry				
glove humid stockage		15		95
leather goods production	20	23	55	65
leather drying	21	50		75
shoes preparation	10	20	65	70
shoes tanning	10	20	65	70
shoes stockroom	10	20	50	65
shoes selling stockroom	10	20	50	65
shoes shop	20	23		50
Textile industry				
cotton				
preparation	2	15	85	95
carding	20	25	65	70
combing	20	25	55	65
spinning	20	25	40	65
weaving	10	20	65	70
wool				
carding/combing	20	25	65	80
prespinning	20	25	60	65
spinning	20	25	55	60
weaving	22	25	55	65
linen				
carding	20	25	50	60
spinning	20	25	60	70
weaving	22	25	55	65
silk				
spinning	22	25	65	70
weaving	22	25	60	70
artificial silk				
spinning	20	22	80	90
twist	20	22	70	80
synthetic fibre				
viscose	25	27	60	85
nylon	25	27	65	70
ribbon spinning	22	25	70	75
elastic cloth - spinning	22	25	60	70
knitting	20	25	50	60
hosiery production	20	25	65	70
jersey underwear	20	25	60	65
dressing	22	25	60	75
carpet production	20	26	65	70
museums	18	20	45	50
hospitals (to be verified on site)				