

Multi-Bank Humidifiers

Multi-pipe humidifiers are used to avoid the problem of wetting in the duct depending on the capacity and to provide fast emission. The steam supplied into the channel or power plant with many steam pipes is absorbed at a shorter distance. The absorption distance in the channel is about 0.8-1 meter at 90% RH.

- Multi-tube humidifiers (Multiple-Tube) are sent disassembled for on-site assembly.
- Maxi-Bank humidifier is a multi-pipe humidifier and is assembled at the factory and shipped ready for application.



Standard Distribution Pipe Lengths (mm)

Pipe Type	152	305	457	610	762	914	1219	1524	1829	2134	2438	2743	3048	3352	3658
60	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
70			X	X	X	X	X	X	X	X	X	X	X	X	X
80						X	X	X	X	X	X	X	X	X	X

Capacity Values

Code		40102305	40102315	40102306	40102316	40102326	40102336	40102346	40102307	40102317	40102327	40102337	40102347	40102357	40102367	40102308	40102318	40102309
Separator Measure	5"	5"	6"	6"	6"	6"	6"	6"	7"	7"	7"	7"	7"	7"	7"	8"	8"	8"
Valve Size	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	3/4"	3/4"	3/4"	3/4"	1"	1"	1"	1/4"	1/4"	2"
Kvs	0.3	0.65	11	1.9	2.81	3.1	3.8	4.3	4.8	5.4	6.5	8.2	8.7	10.4	17.3	24.2		
Vapor Pressure	14	2.9	5.4	9.5	16.3	24.0	26.8	30.4	36.7	37.6	45.8	517	65.3	68.5	82.6	129.7	151.0	215.5
	21	3.6	6.8	11.8	20.0	29.5	32.7	38.1	45.4	47.6	56.2	64.9	82.1	83.9	100.7	152.4	213.6	304.8
	28	4.2	7.7	13.6	23.1	34.0	37.6	44.5	52.2	55.8	64.9	76.2	94.3	99.3	116.6	186.9	261.3	373.8
	34	4.7	8.6	15.0	25.9	38.1	42.2	50.3	58.5	63.0	72.1	85.7	106.1	110.7	132.9	215.5	302.1	431.4
	41	5.1	9.5	16.8	28.1	417	45.8	55.3	64.0	69.4	78.0	93.4	116.6	122.9	144.7	241.3	337.5	482.2
	48	5.5	10.4	18.1	30.4	44.9	49.9	59.9	68.9	74.8	84.4	101.6	126.6	133.8	158.3	264.0	369.7	528.4
	55	5.9	10.9	19.1	32.7	48.1	53.1	64.4	73.0	80.3	90.3	108.9	136.5	142.4	1710	285.3	399.6	570.6
	62	6.3	11.8	20.4	34.5	50.8	56.2	68.5	77.6	85.3	95.7	115.2	145.2	152.4	182.8	304.8	426.8	610.1
	69	6.6	12.2	21.3	36.3	53.5	59.4	72.1	82.1	89.8	101.2	122.0	154.2	161.9	194.1	323.4	453.1	646.8
	76	6.9	132	22.7	38.1	56.2	62.1	75.8	86.2	94.3	106.6	128.4	161.9	170.6	204.6	3411	477.6	682.2
	83	7.2	136	23.6	39.9	58.5	64.9	79.4	89.8	98.9	111.6	134.7	170.1	178.7	214.6	357.4	500.8	715.3
	90	7.5	14.1	24.5	41.3	61.2	67.6	82.6	93.9	103.0	116.1	140.6	177.4	186.9	224.1	373.8	523.0	747.1
	97	7.8	14.5	25.4	43.1	63.5	70.3	85.7	97.5	107.0	120.7	145.6	184.6	194.6	233.1	388.7	544.3	777.5
	103	8.1	15.0	26.3	44.5	65.8	72.6	88.9	101.2	1111	125.2	151.5	191.9	201.9	242.2	403.7	564.7	806.9
	138	9.3	17.7	30.4	51.3	76.2	84.4	103.0	117.5	128.8	145.6	176.4	223.2	235.0	282.1	469.9	658.2	940.3
	172	10.4	19.5	34.0	57.6	85.3	94.3	115.7	132.0	145.2	163.7	198.2	250.8	264.0	317.1	528.4	739.8	1056.4
	207	11.4	21.3	37.2	63.0	93.4	103.9	127.0	145.2	159.7	180.1	217.7	275.8	290.3	348.4	580.6	812.8	11617
	241	12.3	23.1	39.9	68.0	101.6	112.5	137.4	157.4	172.8	195.0	235.9	298.5	314.3	377.4	628.7	880.4	1257.4
	276	13.2	24.9	43.1	73.0	108.4	120.7	148.3	168.3	185.1	208.7	252.7	319.8	336.6	404.2	673.6	943.0	1346.7
	310	14.0	26.3	45.4	77.6	115.7	128.4	157.4	178.7	196.9	221.8	268.1	339.7	357.4	429.1	715.3	1001.5	1430.6
345	14.7	27.7	48.1	81.6	122.0	135.2	166.0	188.7	207.7	264.1	283.0	358.3	377.4	453.1	754.8	1056.9	1509.6	