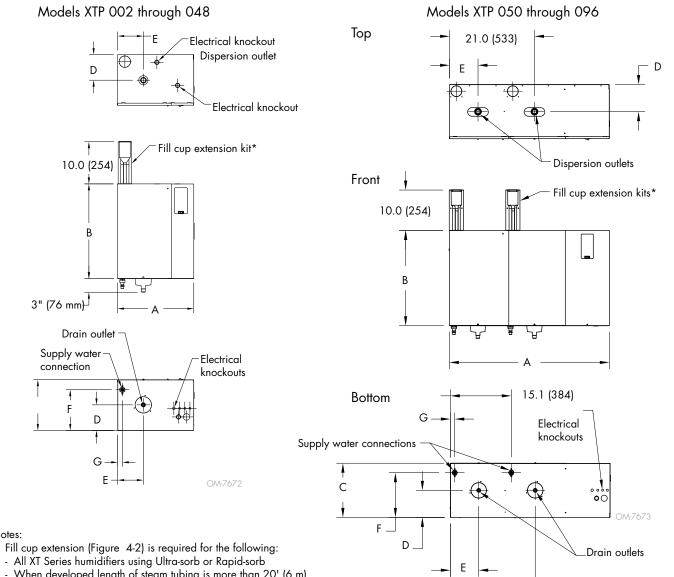
driSteem 🕲

XT series humidifier dimensions

See dimension by Model number in Table 2-1

FIGURE 1-1: XT SERIES HUMIDIFIER DIMENSIONAL DRAWINGS



- When developed length of steam tubing is more than 20' (6 m) and duct static pressure exceeds 2" wc (498 Pa)
- Labeled dimensions: inches (millimeters). ٠
- See mounting dimensions in Figure 3-1.
- See Figure 6-1 and Table 6-1 for units mounted in an outdoor enclosure.

21.0 (533)

Notes:

XT series humidifier dimensions

See dimensional drawings in Figure 1-1

Table 2-1 XT Series	: humidifier dimensions by model numbe	er

						Model XTP			
Dimension	Description	002, 00	03, 006	010,	017	025, 033,	042, 048	050, 067,	083, 096
		inches	mm	inches	mm	inches	mm	inches	mm
А	Cabinet width	14.6	370	17.7	450	19.9	504	39.6	1005
В	Cabinet height	20.6	523	24.1	612	25.6	650	25.6	650
С	Cabinet depth	8.7	221	11.8	300	13.4	340	13.4	340
D	Cabinet back edge to steam/drain outlet centers	4.5	114	6.0	152	6.7	170	6.7	170
Е	Cabinet left edge to steam/drain outlet centers	4.4	112	6.0	152	7.0	178	7.0	178
F	Cabinet back edge to supply water connection center	6.1	156	9.2	235	10.8	275	10.8	275
G	Cabinet left edge to supply water connection center	1.0	25	1.0	25	1.1	28	1.1	28
Refer to Figu	re 6-1 and Table 6-1 for units mounted in an out	tdoor encl	osure.				. <u> </u>		

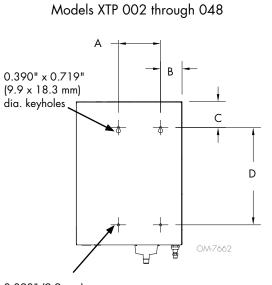
Table 2-2:

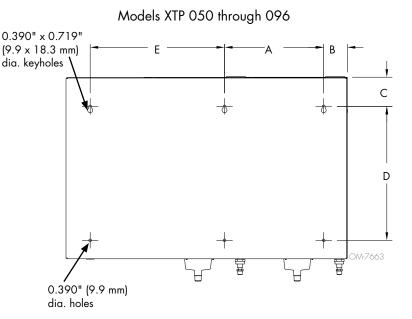
		Model XTP													
	002, 003		00	06	010,	017	025, 033,	042, 048	050, 067, 083, 096						
	lbs	kg	lbs	kg	lbs	kg	lbs	kg	lbs	kg					
g weight	37	17	37	17	50	23	64	29	139	63					
um operating weight	38	17	46	21	79	36	115	52	219	99					
	38	17	46			-									

Reter to Table 8-1 for units mounted in an outdoor enclosure.

XT series humidifier mounting dimensions

FIGURE 3-1: XT SERIES HUMIDIFIER MOUNTING KEYHOLE LOCATIONS



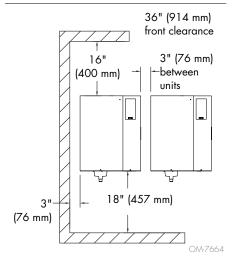


0.390" (9.9 mm) dia. holes

				м	odel XTP				
Dimension	002, 00)3, 006	010,	017	025, 033,	042, 048	050, 067, 083, 096		
	inches	mm	inches	mm	inches	mm	inches	mm	
А	3.9	100	7.1	180	7.5	190	14.0	356	
В	3.0	75	3.6	92	3.4	86	3.3	84	
С	3.2	81	4.4	112	4.1	104	4.1	104	
D	14.0	355	16.3	414	18.9	480	18.9	480	
E	_	_	_	_	_	_	19.0	483	

XT series humidifier clearances and fill cup extension kit

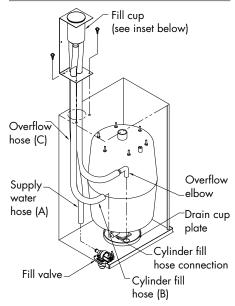
FIGURE 4-1: XT SERIES INDOOR HUMIDIFIER RECOMMENDED MINIMUM CLEARANCES



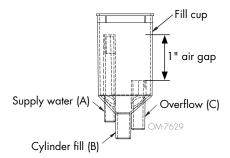
A fill cup extension (Figure 4-2) is required for the following:

- All XT Series humidifiers using Ultra-sorb or Rapid-sorb
- When developed length of steam tubing is more than 20' (6 m) and duct static pressure exceeds 2" wc (498 Pa)
- Outdoor enclosure units include an integral fill cup extension kit.

FIGURE 4-2: FILL CUP EXTENSION KIT



OM-7690



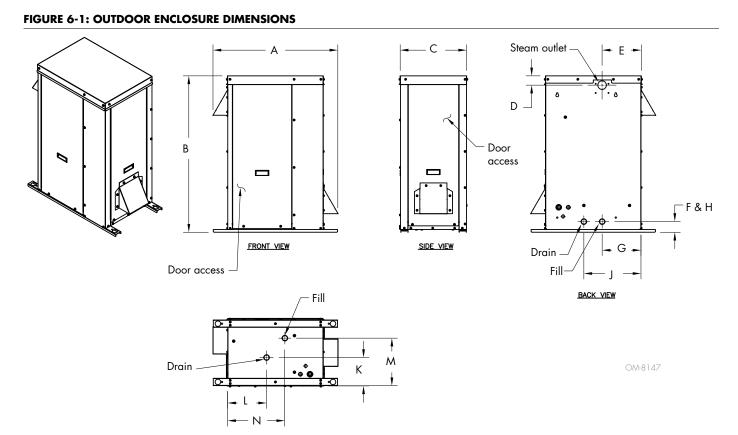
XT series humidifier fusing and line currents

Model	Nominal sto	am capacity				Maria It	Design 1 17 1	1
XTP	lbs/hr	kg/h	kW	Phase	Volts	Maximum line current (amps)	Recommended fusing (amps)	Low conductivit cylinder option*
		3/			120	17	25	yes
002	5	2	1.7	1	208	10	15	yes
002	5	2	1.7		230	8	15	yes
					240	8	15	yes
					208	19	25	yes
					230	17	25 25	yes
				1	240 277	1/	20	yes
				1	400	10	13	yes yes
					480	8	15	N/A
003	10	5	3.3		600	7	10	yes
					208	11	15	N/A
					240	10	15	N/A
				3	400	6	10	yes
					480	5	10	yes
	_				600	4	10	yes
					208	35	45	N/A
					230 240	31 30	40 40	N/A N/A
				1	240	26	35	N/A N/A
				1	400	18	25	yes
					480	15	20	yes
006	18	8	6.0		600	12	15	yes
					208	20	25	N/A
					240	17	25	N/A
				3	400	10	13	yes
					480	9	15	yes
					600	7	10	yes
					208	33	45	N/A
010	20	14	10.0	2	240 400	29 17	40 25	N/A N/A
010	30	14	10.0	3	400	1/	20	
					600	12	15	yes yes
					208	55	70	yes
					240	48	60	yes
017	50	22	16.5	3	400	29	40	yes
					480	24	35	yes
					600	19	25	yes
					400	43	63	yes
025	75	34	25.0	3	480	36	50	yes
					600	29	40	yes
033	100	45	33.3	3	400 480	58	80 70	yes
000	100	45	55.5	5	600	48 39	50	yes yes
	1			1	400	72	100	yes
042	125	57	41.7	3	480	60	80	yes
					600	48	70	yes
					400	80	100	yes
048	143	65	47.8	3	480	69	90	yes
				ļ	600	55	70	yes
				-	400	2 x 43	2 x 63	yes
050*	150	68	50.0	3	480	2 x 36	2 x 50	yes
					600	2 x 29	2 x 40	yes
067*	198	90	66.7	3	400 480	2 x 58 2 x 48	2 x 80	yes
007 "	170	70	00.7	3	600	2 x 48 2 x 39	2 x 70 2 x 50	yes
				+	400	2 x 39 2 x 72	2 x 30 2 x 100	yes yes
083*	250	113	83.3	3	400	2 x 72 2 x 60	2 x 100	yes
	200				600	2 x 48	2 x 70	yes
				1	400	2 x 80	2 x 100	yes
096*	287	130	95.7	3	480	2 x 69	2 x 90	yes
				1	600	2 x 55	2 x 70	yes

(1) For units with outdoor enclosure:

 If unit is a model XTP002 - XTP-048 without heater package, add 1 amp to "Maximum Line Current".
 If unit is a model XTP002 - XTP-048 with heater package, add 5 amps to " Maximum Line Current".
 * These models have two steam cylinders and require independent service connections.
 * For part numbers refer to DriSteem parts website.

Outdoor enclosure: Dimensions



BOTTOM VIEW

Table 6-1:
Outdoor enclosure dimen

	Description	002 through 048				
	Description	inches	mm			
А	Enclosure width (including lift brackets)	34.2	869			
В	Enclosure height (including lift brackets)	42.8	1087			
С	Enclosure depth	18.5	470			
D	Enclosure top to steam outlet center	2.5	64			
Е	Enclosure left wall to steam outlet center	10.6	269			
F	Enclosure bottom edge to drain knockout center (back wall) (including lift brackets)	2.9	74			
G	Enclosure left wall to drain knockout center (back wall)	10.6	269			
Н	Enclosure bottom edge to water fill knockout center (back wall) (including lift brackets)	2.9	74			
J	Enclosure left wall to water fill knockout center (back wall)	15.6	396			
К	Enclosure back wall to drain knockout center (bottom)	7.7	196			
L	Enclosure left wall to drain knockout center (bottom)	10.6	269			
м	Enclosure back wall to water fill knockout center (bottom)	11.0	279			
Ν	Enclosure left wall to water fill knockout center (bottom)	15.6	396			

Outdoor enclosure: Clearances and mounting dimensions

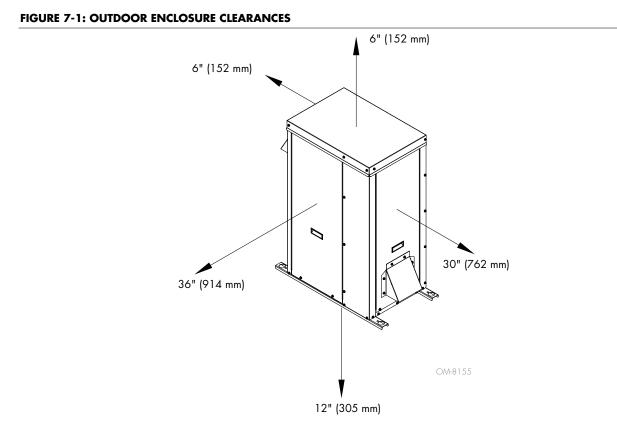
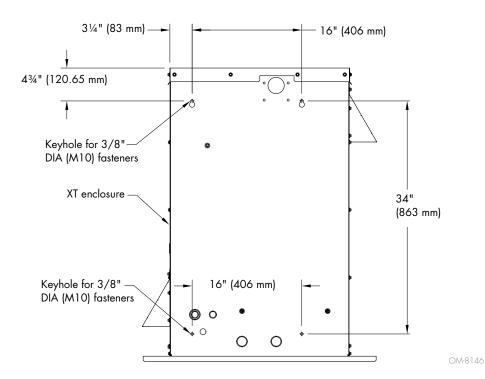


FIGURE 7-1: OUTDOOR ENCLOSURE



DRISTEEM XT SERES HUMIDIFIER SUBMITTAL • PAGE 7 OF 9

Outdoor enclosure: XT outdoor enclosure voltage and weights

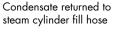
XIP002A1 1 120 15.0 70.5 201.0 91.4 160.4 72.2 XIP002B1 1 208 168.0 70.4 214.0 97.3 173.4 78.8 XIP002B1 230 155.0 70.5 201.0 91.4 160.4 72.3 XIP002B1 208 168.0 76.4 214.0 97.3 173.4 78.8 XIP003B1 208 168.0 76.4 214.0 97.3 173.4 78.8 XIP003B1 240 168.0 76.4 214.0 97.3 173.4 78.8 XIP003B1 400 155.0 70.5 201.0 91.4 160.4 72.2 XIP003B3 208 168.0 76.4 214.0 97.3 173.4 78.8 XIP003B3 208 168.0 76.4 214.0 97.3 173.4 78.8 XIP003B1 3 400 155.0 70.5 201.7 91.7 168.2 <t< th=""><th>Table 8-1: Vc</th><th>ltages and \</th><th>Veights</th><th></th><th></th><th></th><th></th><th></th><th></th></t<>	Table 8-1: Vc	ltages and \	Veights						
Image: Constraint of the						Weight Co	nfiguration		
XIP002A1 1 120 15.0 70.5 201.0 91.4 160.4 72.2 XIP002B1 1 208 168.0 70.4 214.0 97.3 173.4 78.8 XIP002B1 230 155.0 70.5 201.0 91.4 160.4 72.3 XIP002B1 208 168.0 76.4 214.0 97.3 173.4 78.8 XIP003B1 208 168.0 76.4 214.0 97.3 173.4 78.8 XIP003B1 240 168.0 76.4 214.0 97.3 173.4 78.8 XIP003B1 400 155.0 70.5 201.0 91.4 160.4 72.2 XIP003B3 208 168.0 76.4 214.0 97.3 173.4 78.8 XIP003B3 208 168.0 76.4 214.0 97.3 173.4 78.8 XIP003B1 3 400 155.0 70.5 201.7 91.7 168.2 <t< th=""><th>Model</th><th>Phase</th><th>Voltage</th><th>Di</th><th>ry</th><th>Ship</th><th>ping</th><th>Oper</th><th>ating</th></t<>	Model	Phase	Voltage	Di	ry	Ship	ping	Oper	ating
IMPO02B1 208 168.0 76.4 214.0 97.3 173.4 78.3 XIP002B1 1 230 155.0 70.5 201.0 91.4 160.4 72.3 XIP002B1 240 168.0 76.4 214.0 97.3 173.4 78.6 XIP003B1 230 155.0 70.5 201.0 91.4 160.4 72.3 XIP003B1 230 155.0 70.5 201.0 91.4 160.4 72.3 XIP003B1 277 168.0 76.4 214.0 97.3 173.4 78.6 XIP003B1 400 155.0 70.5 201.0 91.4 160.4 72.3 XIP003B3 208 168.0 76.4 214.0 97.3 173.4 78.6 XIP003B1 3 400 155.0 70.5 201.0 91.4 160.4 72.9 XIP003B3 400 165.0 76.7 214.0 97.3 173.4 78.6				(lbs)	(kg)	(lbs)	(kg)	(lbs)	(kg)
NTP002D1 1 230 155.0 70.5 201.0 91.4 160.4 72.2 XTP002B1 240 168.0 76.4 214.0 97.3 173.4 78.6 XTP003B1 208 168.0 76.4 214.0 97.3 173.4 78.6 XTP003B1 240 168.0 76.4 214.0 97.3 173.4 78.6 XTP003B1 400 155.0 70.5 201.0 91.4 160.4 72.2 XTP003B1 400 155.0 70.5 201.0 97.3 173.4 78.6 XTP003B1 400 168.0 76.4 214.0 97.3 173.4 78.6 XTP003B3 206 168.0 76.4 214.0 97.3 173.4 78.6 XTP003B1 208 168.0 76.4 214.0 97.3 173.4 78.6 XTP004B1 208 168.7 76.7 214.7 97.6 181.2 82.7	XTPO02A1	1	120	155.0		201.0			72.9
ITPO02E1 240 168.0 76.4 214.0 97.3 173.4 78.3 XTP003B1 208 168.0 76.4 214.0 97.3 173.4 78.3 XTP003B1 230 155.0 70.5 201.0 91.4 160.4 72.3 XTP003B1 1 227 168.0 76.4 214.0 97.3 173.4 78.4 XTP003B1 400 155.0 70.5 201.0 91.4 160.4 72.4 XTP003B1 400 168.0 76.4 214.0 97.3 173.4 78.8 XTP003B3 208 168.0 76.4 214.0 97.3 173.4 78.8 XTP003B3 208 168.0 76.4 214.0 97.3 173.4 78.8 XTP003B1 400 165.0 70.5 201.0 91.4 160.4 72.4 78.4 XTP004B1 230 155.7 70.8 201.7 91.7 168.2 75.7	XTPOO2B1		208	168.0	76.4	214.0		173.4	78.8
XIP003B1 208 168.0 76.4 214.0 97.3 173.4 78.3 XIP003B1 230 155.0 70.5 201.0 91.4 160.4 72.3 XIP003B1 240 166.0 76.4 214.0 97.3 173.4 78.4 XIP003B1 400 155.0 70.5 201.0 91.4 160.4 72.2 XIP003B1 400 155.0 76.4 214.0 97.3 173.4 78.4 XIP003B3 208 166.0 76.4 214.0 97.3 173.4 78.4 XIP003B3 208 166.0 76.4 214.0 97.3 173.4 78.4 XIP003B3 400 155.0 70.5 201.0 97.1 173.0 78.4 XIP003B3 480 168.7 76.7 214.7 97.6 181.2 82.4 XIP004B1 1 270 168.7 76.7 214.7 97.6 181.2 82.4	XTP002D1	1	230	155.0	70.5		91.4	160.4	72.9
ITP003D1 XTP003E1 240 155.0 70.5 201.0 91.4 100.4 72.2 XTP003F1 1 240 168.0 76.4 214.0 97.3 173.4 78.4 XTP003F1 400 155.0 70.5 201.0 91.4 160.4 77.3 XTP003F1 400 155.0 70.5 201.0 91.4 160.4 72.4 XTP003F1 400 168.0 76.4 214.0 97.3 173.4 78.4 XTP003F3 208 168.0 76.4 214.0 97.3 173.4 78.4 XTP003F3 208 168.0 76.4 214.0 97.3 173.4 78.4 XTP003F3 400 155.0 70.5 201.0 91.4 160.4 72.2 XTP004F1 208 168.7 76.7 214.7 97.6 181.2 82.2 XTP004F1 1 277 168.7 76.7 214.7 97.6 181.2 82.2 <td>XTPOO2E1</td> <td></td> <td>240</td> <td>168.0</td> <td>76.4</td> <td></td> <td>97.3</td> <td>173.4</td> <td>78.8</td>	XTPOO2E1		240	168.0	76.4		97.3	173.4	78.8
ITPO03E1 240 168.0 76.4 214.0 97.3 173.4 78.4 XTP003F1 277 168.0 76.4 214.0 97.3 173.4 78.4 XTP003F1 400 155.0 70.5 201.0 91.4 160.4 72.4 XTP003F1 480 168.0 76.4 214.0 97.3 173.4 78.4 XTP003F1 600 167.6 76.2 213.6 97.1 173.4 78.4 XTP003F3 208 168.0 76.4 214.0 97.3 173.4 78.4 XTP003F3 400 155.0 70.5 201.0 91.4 160.4 72.4 XTP005F1 480 168.0 76.7 214.7 97.6 181.2 82.7 XTP006F1 208 168.7 76.7 214.7 97.6 181.2 82.7 XTP006F1 207 168.7 76.7 214.7 97.6 181.2 82.7 XTP00661	XTPOO3B1		208	168.0	76.4	214.0	97.3	173.4	78.8
XTP003F1 1 277 168.0 76.4 214.0 97.3 173.4 78.4 XTP003H2 400 155.0 70.5 201.0 91.4 160.4 72.2 XTP003H 600 167.6 76.2 213.6 97.1 173.0 78.4 XTP003B3 208 168.0 76.4 214.0 97.3 173.4 78.4 XTP03B3 200 168.0 76.4 214.0 97.3 173.4 78.4 XTP03B3 240 168.0 76.4 214.0 97.3 173.4 78.4 XTP03B3 400 155.0 70.5 201.0 91.4 160.4 72.2 XTP03B1 400 168.7 76.7 214.7 97.6 181.2 82.2 XTP004B1 1 277 168.7 76.7 214.7 97.6 181.2 82.2 XTP00611 1 277 168.7 76.7 214.7 97.6 181.2 82			230	155.0		201.0	91.4	160.4	72.9
XTP003H2 400 155.0 70.5 201.0 91.4 160.4 72.3 XTP003H 480 168.0 76.4 214.0 97.3 173.4 78.4 XTP003B3 208 168.0 76.4 214.0 97.3 173.4 78.4 XTP003B3 208 168.0 76.4 214.0 97.3 173.4 78.4 XTP003B3 200 168.0 76.4 214.0 97.3 173.4 78.4 XTP003B3 400 155.0 70.5 201.0 91.4 160.4 72.9 XTP004B1 208 168.7 76.7 214.7 97.6 181.2 82.2 XTP006B1 203 155.7 70.8 201.7 91.7 168.2 76.7 XTP006H1 1 277 168.7 76.7 214.7 97.6 181.2 82.2 XTP006H2 1 208 168.7 76.7 214.7 97.6 181.2 82.2 <td>XTPOO3E1</td> <td></td> <td>240</td> <td>168.0</td> <td>76.4</td> <td>214.0</td> <td>97.3</td> <td>173.4</td> <td>78.8</td>	XTPOO3E1		240	168.0	76.4	214.0	97.3	173.4	78.8
XTP00311 480 168.0 76.4 214.0 97.3 173.4 78.4 XTP00381 600 167.6 76.2 213.6 97.1 173.0 78.6 XTP00383 208 168.0 76.4 214.0 97.3 173.4 78.6 XTP00313 3 400 155.0 70.5 201.0 91.4 160.4 72.3 XTP00313 480 168.0 76.4 214.0 97.3 173.4 78.6 XTP00313 480 168.0 76.4 214.0 97.3 173.4 78.6 XTP00313 480 168.7 76.7 214.7 97.6 181.2 82.2 XTP00611 1 208 168.7 76.7 214.7 97.6 181.2 82.2 XTP00611 1 277 168.7 76.7 214.7 97.6 181.2 82.2 XTP00613 1 208 168.7 76.7 214.7 97.6 1	XTPOO3F1	1	277	168.0		214.0	97.3	173.4	78.8
XTP003P1 600 167.6 76.2 213.6 97.1 173.0 78.6 XTP003B3 208 168.0 76.4 214.0 97.3 173.4 78.6 XTP003B3 200 168.0 76.4 214.0 97.3 173.4 78.6 XTP003B3 400 155.0 70.5 201.0 91.4 160.4 72.3 XTP003B1 460 168.0 76.4 214.0 97.3 173.4 78.8 XTP006B1 600 167.6 76.2 213.6 97.1 173.0 78.6 XTP006B1 208 168.7 76.7 214.7 97.6 181.2 82.7 XTP00611 277 168.7 76.7 214.7 97.6 181.2 82.7 XTP0061 400 168.7 76.7 214.7 97.6 181.2 82.7 XTP0061 400 168.7 76.7 214.7 97.6 181.2 82.7 XTP00663	XTPOO3H2		400	155.0	70.5	201.0	91.4	160.4	72.9
XIP003B3 XIP003B3 208 168.0 76.4 214.0 97.3 173.4 78.8 XIP003B3 3 200 168.0 76.4 214.0 97.3 173.4 78.9 XIP003B3 400 155.0 70.5 201.0 91.4 160.4 72.3 XIP003B1 400 168.0 76.4 214.0 97.3 173.4 78.3 XIP003B1 400 168.0 76.4 214.0 97.3 173.4 78.3 XIP006B1 208 168.7 76.7 214.7 97.6 181.2 82.2 XIP00611 1 227 168.7 76.7 214.7 97.6 181.2 82.2 XIP00611 1 208 168.7 76.7 214.7 97.6 181.2 82.2 XIP0063 1 208 168.7 76.7 214.7 97.6 181.2 82.2 XIP0063 1 208 168.7 76.7 214	XTPOO3L1		480	168.0	76.4	214.0	97.3	173.4	78.8
XTP003E3 3 240 168.0 76.4 214.0 97.3 173.4 78.8 XTP003H3 400 155.0 70.5 201.0 91.4 160.4 72.4 XTP003B3 480 168.0 76.4 214.0 97.3 173.4 78.8 XTP003B1 480 168.7 76.7 214.7 97.6 181.2 82.7 XTP006E1 203 155.7 70.8 201.7 91.7 168.2 76.5 XTP006F1 1 240 168.7 76.7 214.7 97.6 181.2 82.7 XTP006F1 240 168.7 76.7 214.7 97.6 181.2 82.7 XTP006F3 400 168.7 76.7 214.7 97.6 181.2 82.7 XTP006F3 400 168.7 76.7 214.7 97.6 181.2 82.7 XTP006F3 480 168.7 76.7 214.7 97.6 181.2 82.7 </td <td>XTPOO3P1</td> <td></td> <td>600</td> <td>167.6</td> <td>76.2</td> <td>213.6</td> <td>97.1</td> <td>173.0</td> <td>78.6</td>	XTPOO3P1		600	167.6	76.2	213.6	97.1	173.0	78.6
XTP003H3 XTP003B3 3 400 155.0 70.5 201.0 91.4 160.4 72.5 XTP003B3 480 168.0 76.4 214.0 97.3 173.4 78.4 XTP003B3 600 167.6 76.2 213.6 97.1 173.0 78.8 XTP006B1 76.7 214.7 97.6 181.2 82.2 76.3 181.2 82.2 XTP006F1 1 200 155.7 70.8 201.7 97.6 181.2 82.2 XTP006F1 1 277 168.7 76.7 214.7 97.6 181.2 82.2 XTP006F1 480 168.7 76.7 214.7 97.6 181.2 82.2 XTP006B3 1 208 168.7 76.7 214.7 97.6 181.2 82.2 XTP006B3 201 79.6 181.2 82.2 76.5 214.3 97.4 180.8 82.2 76.5 214.7 97.6 181.2	XTPOO3B3		208	168.0	76.4	214.0	97.3	173.4	78.8
XTP00313 XTP003P3 480 168.0 76.4 214.0 97.3 173.4 78.4 XTP003P3 600 167.6 76.2 213.6 97.1 173.0 78.4 XTP006D1 208 168.7 76.7 214.7 97.6 181.2 82.2 XTP006F1 1 203 155.7 70.8 201.7 91.7 168.2 76.5 XTP006F1 1 277 168.7 76.7 214.7 97.6 181.2 82.2 XTP006F1 400 155.7 70.8 201.7 91.7 168.2 76.5 XTP006F3 400 168.7 76.7 214.7 97.6 181.2 82.2 XTP006F3 400 168.7 76.7 214.7 97.6 181.2 82.2 XTP006F3 480 168.7 76.7 214.7 97.6 181.2 82.4 XTP006F3 480 168.7 76.7 214.7 97.6 181.2 82.4 <td>XTPOO3E3</td> <td></td> <td>240</td> <td></td> <td>76.4</td> <td>214.0</td> <td>97.3</td> <td>173.4</td> <td>78.8</td>	XTPOO3E3		240		76.4	214.0	97.3	173.4	78.8
NTP03P3 600 167.6 76.2 213.6 97.1 173.0 78.4 XTP006B1 208 168.7 76.7 214.7 97.6 181.2 82.7 XTP006F1 230 155.7 70.8 201.7 91.7 168.2 76.3 XTP006F1 240 168.7 76.7 214.7 97.6 181.2 82.7 XTP006F1 400 155.7 70.8 201.7 91.7 168.2 76.3 XTP006F1 480 168.7 76.7 214.7 97.6 181.2 82.4 XTP006B3 1 208 168.7 76.7 214.7 97.6 181.2 82.4 XTP006B3 240 168.7 76.7 214.7 97.6 181.2 82.4 XTP006B3 400 155.7 70.8 201.7 91.7 168.2 76.5 XTP006B3 240 168.7 76.7 214.7 97.6 181.2 82.4	XTPOO3H3	3	400	155.0	70.5	201.0	91.4	160.4	72.9
XTP006B1 XTP006D1 XTP006D1 XTP006F1 208 168.7 76.7 214.7 97.6 181.2 82.4 XTP006D1 XTP006F1 230 155.7 70.8 201.7 91.7 168.2 76.4 XTP006F1 240 168.7 76.7 214.7 97.6 181.2 82.4 XTP006H2 400 155.7 70.8 201.7 91.7 168.2 76.3 XTP006H2 480 168.7 76.7 214.7 97.6 181.2 82.4 XTP006B3 1 208 168.7 76.7 214.7 97.6 181.2 82.4 XTP006B3 1 208 168.7 76.7 214.7 97.6 181.2 82.4 XTP006B3 1 208 168.7 76.7 214.7 97.6 181.2 82.4 XTP006B3 480 168.7 76.7 214.7 97.6 181.2 82.4 XTP006B3 208 170.0 77.3 216.0 98.2 </td <td>XTPOO3L3</td> <td></td> <td>480</td> <td>168.0</td> <td>76.4</td> <td>214.0</td> <td>97.3</td> <td>173.4</td> <td>78.8</td>	XTPOO3L3		480	168.0	76.4	214.0	97.3	173.4	78.8
XIP006D1 XIP006E1 230 155.7 70.8 201.7 91.7 168.2 76.3 XIP006E1 240 168.7 76.7 214.7 97.6 181.2 82.4 XIP006P1 277 168.7 76.7 214.7 97.6 181.2 82.4 XIP006P1 480 168.7 76.7 214.7 97.6 181.2 82.4 XIP006P1 600 168.3 76.5 214.3 97.4 180.8 82.4 XIP006B3 1 208 168.7 76.7 214.7 97.6 181.2 82.4 XIP006B3 200 168.7 76.7 214.7 97.6 181.2 82.4 XIP006B3 400 155.7 70.8 201.7 91.7 168.2 76.5 XIP00613 3 400 168.7 76.5 214.3 97.4 180.8 82.7 XIP007013 3 208 170.0 77.3 216.0 98.2 197.5	XTPOO3P3		600	167.6	76.2	213.6	97.1	173.0	78.6
XIP0061 XIP006F1 240 168.7 76.7 214.7 97.6 181.2 82.4 XIP006F1 XIP006H2 400 155.7 76.7 214.7 97.6 181.2 82.4 XIP0061 480 155.7 70.8 201.7 91.7 168.2 76.7 XIP00691 600 168.3 76.5 214.3 97.4 180.8 82.7 XIP00683 1 208 168.7 76.7 214.7 97.6 181.2 82.4 XIP00683 240 168.7 76.7 214.7 97.6 181.2 82.4 XIP00643 480 168.7 76.7 214.7 97.6 181.2 82.4 XIP00643 480 168.7 76.7 214.7 97.6 181.2 82.4 XIP00613 480 168.7 76.7 214.7 97.6 181.2 82.4 XIP01083 208 170.0 77.3 216.0 98.2 197.5 89.4	XTPOO6B1		208	168.7	76.7	214.7	97.6	181.2	82.4
XTP006F1 XTP006H2 1 277 168.7 76.7 214.7 97.6 181.2 82.4 XTP006H2 400 155.7 70.8 201.7 91.7 168.2 76.5 XTP006H1 600 168.7 76.7 214.7 97.6 181.2 82.4 XTP006B3 1 208 168.7 76.7 214.7 97.6 181.2 82.4 XTP006H3 3 240 168.7 76.7 214.7 97.6 181.2 82.4 XTP006H3 480 168.7 76.7 214.7 97.6 181.2 82.4 XTP006H3 480 168.7 76.7 214.7 97.6 181.2 82.4 XTP006H3 480 168.7 76.7 214.7 97.6 181.2 82.4 XTP00613 480 168.7 76.7 214.7 97.6 181.2 82.4 XTP01083 208 170.0 77.3 216.0 98.2 197.5<									76.5
XIPO06F1 XIPO06H2 1 277 168.7 76.7 214.7 97.6 181.2 82.4 XIPO06H2 400 155.7 70.8 201.7 91.7 168.2 76.5 XIPO06H2 600 168.3 76.5 214.3 97.4 180.8 82.2 XIPO06B3 1 208 168.7 76.7 214.7 97.6 181.2 82.4 XIPO0643 76.7 214.7 97.6 181.2 82.4 82.4 XIP00643 76.7 214.7 97.6 181.2 82.4 82.4 XIP00643 400 155.7 70.8 201.7 91.7 168.2 76.5 XIP00643 480 168.7 76.7 214.7 97.6 181.2 82.4 XIP00613 480 168.7 76.7 214.7 97.6 181.2 82.4 XIP01083 XIP01083 208 170.0 77.3 216.0 98.2 197.5 89.4 <	XTPO06E1		240	168.7	76.7	214.7	97.6	181.2	82.4
XTP006H2 400 155.7 70.8 201.7 91.7 168.2 76.3 XTP00611 480 168.7 76.7 214.7 97.6 181.2 82.4 XTP00691 600 168.3 76.5 214.3 97.4 180.8 82.4 XTP0063 1 208 168.7 76.7 214.7 97.6 181.2 82.4 XTP00643 480 168.7 76.7 214.7 97.6 181.2 82.4 XTP00643 480 168.7 76.7 214.7 97.6 181.2 82.4 XTP00643 480 168.7 76.7 214.3 97.4 180.8 82.2 XTP01083 280 170.0 77.3 216.0 98.2 197.5 89.4 XTP01093 400 157.0 71.4 203.0 92.3 184.5 83.5 XTP01783 400 157.0 77.3 216.0 98.2 197.5 89.4		1							82.4
XTP006L1 XTP006P1 480 168.7 76.7 214.7 97.6 181.2 82.4 XTP006P1 600 168.3 76.5 214.3 97.4 180.8 82.4 XTP006B3 1 208 168.7 76.7 214.7 97.6 181.2 82.4 XTP006B3 240 168.7 76.7 214.7 97.6 181.2 82.4 XTP006H3 3 400 155.7 70.8 201.7 91.7 168.2 76.5 XTP00B3 480 168.7 76.5 214.3 97.4 180.8 82.7 XTP00B3 208 170.0 77.3 216.0 98.2 197.5 89.4 XTP010B3 240 170.0 77.3 216.0 98.2 197.5 89.4 XTP010B3 400 157.0 71.4 203.0 92.3 184.5 83.5 XTP01783 400 157.0 71.4 203.0 98.2 197.5 89.4									76.5
XTP006P1 600 168.3 76.5 214.3 97.4 180.8 82.1 XTP00683 1 208 168.7 76.7 214.7 97.6 181.2 82.4 XTP00613 - 240 168.7 76.7 214.7 97.6 181.2 82.4 XTP00613 - 400 155.7 70.8 201.7 91.7 168.2 76.7 XTP00613 - 480 168.7 76.7 214.7 97.6 181.2 82.4 XTP01083 - 600 168.3 76.5 214.3 97.4 180.8 82.1 XTP01083 - 208 170.0 77.3 216.0 98.2 197.5 89.4 XTP01013 - 480 170.0 77.3 216.0 98.2 197.5 89.4 XTP01783 - 208 170.0 77.3 216.0 98.2 197.5 89.4 XTP01713 - 208									82.4
XTP00683 1 208 168.7 76.7 214.7 97.6 181.2 82.4 XTP00643 400 168.7 76.7 214.7 97.6 181.2 82.4 XTP00643 400 155.7 70.8 201.7 91.7 168.2 76.5 XTP00693 480 168.7 76.5 214.7 97.6 181.2 82.4 XTP00693 600 168.3 76.5 214.3 97.4 180.8 82.7 XTP01083 7 240 170.0 77.3 216.0 98.2 197.5 89.3 XTP01013 480 170.0 77.3 216.0 98.2 197.5 89.3 XTP01043 480 170.0 77.3 216.0 98.2 197.5 89.3 XTP01783 480 170.0 77.3 216.0 98.2 197.5 89.4 XTP01713 400 157.0 71.4 203.0 92.3 184.5 83.5 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>82.2</td>									82.2
XTP006E3 XTP006H3 240 168.7 76.7 214.7 97.6 181.2 82.4 XTP006H3 400 155.7 70.8 201.7 91.7 168.2 76.7 XTP006P3 480 168.7 76.7 214.7 97.6 181.2 82.4 XTP00B3 480 168.7 76.7 214.7 97.6 181.2 82.4 XTP010B3 208 170.0 77.3 216.0 98.2 197.5 89.3 XTP010H3 3 400 157.0 71.4 203.0 92.3 184.5 83.5 XTP010P3 480 170.0 77.3 216.0 98.2 197.5 89.3 XTP01783 480 170.0 77.3 216.0 98.2 197.5 89.3 XTP01783 208 170.0 77.3 216.0 98.2 197.5 89.3 XTP01743 3 400 157.0 71.4 203.0 92.3 184.5 83.5 <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>82.4</td>		1							82.4
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XTP006P3 600 168.3 76.5 214.3 97.4 180.8 82.1 XTP010B3 208 170.0 77.3 216.0 98.2 197.5 89.8 XTP010B3 400 157.0 71.4 203.0 98.2 197.5 89.8 XTP010H3 3 400 157.0 71.4 203.0 92.3 184.5 83.9 XTP010P3 600 169.6 77.1 215.6 98.0 197.5 89.9 XTP017B3 208 170.0 77.3 216.0 98.2 197.5 89.9 XTP017B3 240 170.0 77.3 216.0 98.2 197.5 89.9 XTP017H3 3 400 157.0 71.4 203.0 92.3 184.5 83.9 XTP017H3 480 170.0 77.3 216.0 98.2 197.5 89.6 XTP025H3 480 172.4 78.5 218.8 99.5 220.8 100.9 <		3							82.4
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XTP010L3 480 170.0 77.3 216.0 98.2 197.5 89.6 XTP010P3 600 169.6 77.1 215.6 98.0 197.1 89.0 XTP017B3 208 170.0 77.3 216.0 98.2 197.5 89.0 XTP017E3 240 170.0 77.3 216.0 98.2 197.5 89.6 XTP017H3 400 157.0 71.4 203.0 92.3 184.5 83.9 XTP017P3 600 169.6 77.1 215.6 98.0 197.1 89.6 XTP017P3 600 169.6 77.1 215.6 98.0 197.1 89.6 XTP025H3 480 172.8 78.5 218.8 93.5 207.8 94.4 XTP025P3 480 172.4 78.4 218.4 99.3 220.4 100.0 XTP033H3 480 174.4 79.3 220.4 100.2 222.4 101.9 XTP033F3 </td <td></td> <td>3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>83.9</td>		3							83.9
XTP010P3 600 169.6 77.1 215.6 98.0 197.1 89.0 XTP017B3 208 170.0 77.3 216.0 98.2 197.5 89.3 XTP017E3 240 170.0 77.3 216.0 98.2 197.5 89.3 XTP017B3 3 400 157.0 71.4 203.0 92.3 184.5 83.9 XTP017B3 480 170.0 77.3 216.0 98.2 197.5 89.6 XTP017B3 480 170.0 77.3 216.0 98.2 197.5 89.6 XTP017B3 480 170.0 77.3 216.0 98.2 197.5 89.6 XTP025H3 480 172.8 78.5 218.8 99.5 220.8 100.0 XTP025P3 600 172.4 78.4 218.4 99.3 220.4 100.0 XTP03313 3 480 174.4 79.3 220.4 100.2 222.0 100.0		Ū.							89.8
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XTP017L3 480 170.0 77.3 216.0 98.2 197.5 89.8 XTP017P3 600 169.6 77.1 215.6 98.0 197.1 89.0 XTP025H3 400 159.8 72.6 205.8 93.5 207.8 94.4 XTP025L3 3 480 172.8 78.5 218.8 99.5 220.8 100. XTP025P3 600 172.4 78.4 218.4 99.3 220.4 100. XTP033H3 480 174.4 79.3 220.4 100.2 222.4 101. XTP033P3 480 174.4 79.3 220.4 100.2 222.0 100. XTP042H3 400 161.4 73.4 207.4 94.3 209.4 95.7 XTP042H3 400 161.4 73.4 207.4 94.3 209.4 95.7 XTP042P3 400 161.4 73.4 207.4 94.3 209.4 95.7		3						1	83.9
XTP017P3 600 169.6 77.1 215.6 98.0 197.1 89.0 XTP025H3 400 159.8 72.6 205.8 93.5 207.8 94.4 XTP025H3 3 480 172.8 78.5 218.8 99.5 220.8 100. XTP025P3 600 172.4 78.4 218.4 99.3 220.4 100. XTP033H3 480 174.4 73.4 207.4 94.3 209.4 95.5 XTP033L3 3 480 174.4 79.3 220.4 100.2 222.4 101. XTP033P3 600 174.0 79.1 220.0 100.0 222.0 100. XTP042H3 400 161.4 73.4 207.4 94.3 209.4 95.7 XTP042P3 400 161.4 73.4 207.4 94.3 209.4 95.7 XTP042P3 3 480 174.4 79.3 220.4 100.2 222.0		Ū.							89.8
XTP025H3 400 159.8 72.6 205.8 93.5 207.8 94.4 XTP025L3 3 480 172.8 78.5 218.8 99.5 220.8 100. XTP025P3 600 172.4 78.4 218.4 99.3 220.4 100. XTP033H3 400 161.4 73.4 207.4 94.3 209.4 95.5 XTP033L3 3 480 174.4 79.3 220.4 100. 222.4 101. XTP033P3 480 174.4 79.3 220.4 100.2 222.0 100. XTP042H3 400 161.4 73.4 207.4 94.3 209.4 95.7 XTP042H3 400 161.4 73.4 207.4 94.3 209.4 95.7 XTP042P3 400 161.4 73.4 207.4 94.3 209.4 95.7 XTP048H3 3 480 174.4 79.3 220.4 100.0 222.0									
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XTP025P3 600 172.4 78.4 218.4 99.3 220.4 100. XTP033H3 400 161.4 73.4 207.4 94.3 209.4 95.3 XTP033L3 3 480 174.4 79.3 220.4 100.2 222.4 101.3 XTP033P3 600 174.0 79.1 220.0 100.0 222.0 100.3 XTP042H3 400 161.4 73.4 207.4 94.3 209.4 95.3 XTP042L3 3 480 174.4 79.3 220.4 100.0 222.0 100.3 XTP042L3 3 480 174.4 79.3 220.4 100.2 222.4 101.3 XTP042P3 480 174.4 79.3 220.4 100.2 222.0 100.3 XTP048H3 400 161.4 73.4 207.4 94.3 209.4 95.3 XTP048H3 3 480 174.4 79.3 220.4 100.0		3							100.3
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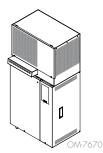
XT steam blower

FIGURE 9-1: TOP- AND REMOTE-MOUNTED XT STEAM BLOWER

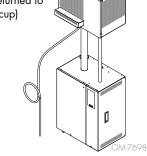
Mounted on top of humidifier

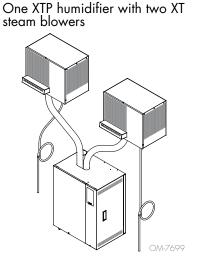
Mounted remotely from humidifier





Condensate returned to open drain (condensate can also be returned to humidifier fill cup)





XT steam blowers

XT steam blowers, designed to disperse steam directly into large open spaces, are particularly useful in finished spaces and rooms where there are no air-handling ducts.

There are two XT steam blower models:

- SDU-006, for capacities up to 20 lbs/hr (9.1 kg/h), can be directly mounted on Models XTP 002 through 006.
- SDU-017, for capacities up to 50 lbs/hr (22.7 kg/h), can be directly mounted on Models XTP 010 and 017.
- XT Series humidifiers can be configured to operate with one or two steam blowers. Multiple SDU-017 are used remotely with Model XTP 025 or 033. See Table 10-2.

XT steam blower

FIGURE 10-1: XT STEAM BLOWER DIMENSIONS

SDU-006E shown

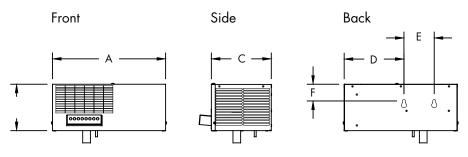


Table 10-1: XT steam b		nsions			Table 10-2: Single or multiple XT ste	am blowers for XT S	eries humidifiers*
-	SDU-	-006E	SDU	-017E	Model	SDU-006	SDU-017
Dimension	inches	mm	inches	mm	ХТР	per kit	per kit
А	14.7	373	17.9	455	002	1	_
В	6.0	152	13.8	350	003	1	_
С	7.8	198	11.0	279	006	1	_
D	3.0	76	3.6	91	010	_	1
E	3.9	99	7.1	180	017	_	1
F	2.7	69	4.2	107	025	_	2
ł					033	_	2

* XT steam blowers are sold as kits to match the associated XT Series humidifier. The number of XT steam blowers per kit are shown in this table.

n/a

n/a

042 through 096

Table 10-3: XT steam blow	ver specifi	Table 10-3: XT steam blower specifications														
M - J-1	Maximum	n capacity	Shipping	g weight	Operatin	ıg weight	Volume	airflow	Current draw at	Input	Nata					
Model	lbs/hr	kg/h	lbs	kg	lbs	kg	cfm	m³/min	115V (50/60 Hz)	power	Noise					
SDU-006E	20	9.1	14.0	6.4	11.0	5.0	106	3.0	0.16 A	17 W	49 dBA					
SDU-017E	50	22.7	29.0	13.2	24.0	10.9	665	18.8	0.23 A	23 W	53 dBA					

Notes:

• XT steam blowers ship separately from XT Series humidifiers.

• Noise measurements taken 6.5' (2 m) in front of XT steam blower cabinet.

XT steam blower rise, spread, throw

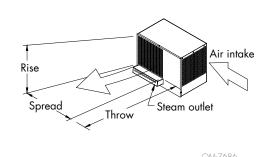
On a call for humidity, the controller closes the contactors to energize the humidifier electrodes and the XT steam blower. When the call for humidity is satisfied, the controller opens the humidifier contactor, which stops the steam blower.

As steam is discharged from the XT steam blower, it quickly cools and turns to a visible fog that is lighter than air. As this fog is carried away from the XT steam blower by the airstream, it tends to rise toward the ceiling. If the fog contacts solid surfaces (columns, beams, ceiling, pipes, etc.) before it disappears, it can condense and drip. The greater the space relative humidity, the further the fog will rise, spread, and throw.

Table 11-1 lists the maximum rise, spread, and throw non-wetting distances for XT Series humidifiers with XT steam blowers. Surfaces cooler than ambient temperature, or objects located within this minimum dimension, can cause condensation and dripping. To avoid steam impingement on surrounding areas, observe the minimum non-wetting distances in the table.

XT steam blowers are field wired to the XT Series humidifier blower terminals. A wiring diagram is included with the XT steam blower.

FIGURE 11-1: XT STEAM BLOWER RISE, SPREAD, THROW



	Non		30)% RI	H @	70 °F	(21	°C)	4	0% R	H @	70 °F	: (2 1 °C	C)	5	0% R	H @	70 °F	(21 °	C)	6	0% R	Н@	70 °F	(21 °	C)
Model	stee capo		Ri	Rise Spread		Throw		Rise		Spr	Spread		Throw		Rise		ead	Throw		Rise		Spread		Throw		
ХТР	lbs/hr	kg/h	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m	ft	m
002	5	2	0.7	0.2	0.9	0.3	1.9	0.6	0.8	0.2	1.2	0.4	2.1	0.6	1.1	0.3	1.5	0.5	2.5	0.8	1.5	0.5	1.5	0.5	3.2	1.0
003	10	5	1.4	0.4	1.9	0.6	3.8	1.2	1.7	0.5	2.4	0.7	4.3	1.3	2.3	0.7	3.0	0.9	5.0	1.5	3.0	0.9	3.0	0.9	6.5	2.0
006	20	8	2.5	0.8	2.8	0.9	6.5	2.0	3.0	0.9	3.3	1.0	7.4	2.3	3.8	1.2	4.0	1.2	8.5	2.6	4.0	1.2	4.0	1.2	10.0	3.0
010	30	14	3.1	0.9	3.0	0.9	7.5	2.3	3.6	1.1	3.4	1.0	8.7	2.7	4.3	1.3	4.0	1.2	9.5	2.9	4.2	1.3	3.5	1.1	11.0	3.4
017	50	22	3.3	1.0	3.1	0.9	9.6	2.9	3.8	1.2	3.5	1.1	10.7	3.3	4.4	1.3	4.0	1.2	12.0	3.7	4.8	1.5	4.7	1.4	14.0	4.3
025*	75	34	3.3	1.0	3.1	0.9	9.6	2.9	3.8	1.2	3.5	1.1	10.7	3.3	4.4	1.3	4.0	1.2	12.0	3.7	4.8	1.5	4.7	1.4	14.0	4.3
033*	100	45	3.3	1.0	3.1	0.9	9.6	2.9	3.8	1.2	3.5	1.1	10.7	3.3	4.4	1.3	4.0	1.2	12.0	3.7	4.8	1.5	4.7	1.4	14.0	4.3

Rise: Minimum non-wetting height above the steam outlet of the XT steam blower Spread: Minimum non-wetting width from the steam outlet of the XT steam blower

Throw: Minimum non-wetting horizontal distance from the steam outlet of the XT steam blower

* These XT Series humidifier models use two XT steam blowers.

Interconnecting steam hose and tubing

Table 12-1: Insulated 1½" (DN40) steam tubing maximum lengths for Models XTP 002 through 017

Model	Maximum developed length*				
ХТР	ft	m			
002	13	4.0			
003	25	7.6			
006	50	15.2			
010**	50	15.2			
017**	50	15.2			

Notes:

• For larger XT Series humidifier models, see Table 12-2.

• Values in this table are based on condensate flowing with steam (steam tubing pitched toward dispersion device).

 Maximum developed lengths are based on 5% steam loss in tubing. Developed length equals measured length plus 50% of measured length to account for fittings.

** Values in this table are based on duct static pressure of 2" wc (498 Pa). If maximum developed length is more than 20' (6 m) or duct static pressure exceeds 2" wc (498 Pa), a fill cup extension kit (Figure 4-2) is required.

CONDENSATE CONTROL AND COLLECTION

Controlling condensate flow and collection in an XT Series humidifier system is critical to performance. To maximize humidifier performance:

- See Tables 12-1 and Table 12-2.
- Follow all installation recommendations for your specific humidifier and dispersion assembly in the XT Series Installation, Operation, and Maintenance Manual (IOM), available at www.dristeem.com.

Table 12-2:

Maximum steam carrying capacity and length of interconnecting steam hose and tubing for Models XXTP 025 through XTP096

Model	DriSteem steam hose*					Copper or stainless steel tubing (Insulate tubing to minimize loss of capacity and efficiency.)						
	Hose	I.D.		n capacity linder†	Maxi lenç	mum jth ^{††}	Tube	size		n capacity linder†		imum d length ^{†††}
XTP	inches	DN	lbs/hr	kg/h	ft	m	inches	DN	lbs/hr	kg/h	ft	m
025, 050**	1 1/2	40	75	34.0	10	3	1 1⁄2	40	75	34.0	100	30
033, 067**	2	50	100	45.4	10	3	2	50	100	45.4	100	30
042, 083**	2	50	125	56.7	10	3	2	50	125	56.7	100	30
048, 096**	2	50	143	65.0	10	3	2	50	143	65.0	100	30

Notes:

• See Table 12-1 for XT Series humidifiers with lower capacities using 11/2" steam tubing.

• Values in this table are based on XT Series humidifiers with fill cup extensions, and condensate flowing in direction of steam (steam hose or tubing pitched toward dispersion device).

* When using steam hose, use DriSteem steam hose for best results. Field-supplied hose may have shorter life and may cause foaming in cylinder, resulting in condensate discharge at dispersion assembly. Do not use steam hose for outdoor applications.

** These models have two steam cylinders.

[†] For Models XTP 050 through XTP096, capacities listed are maximum steam carrying capacity per tube attached to each cylinder, with separate steam tubing from each cylinder to connection on dispersion device. See the XT Series IOM (available at www.dristeem.com).

^{††} DriSteem recommends 10' (3 m) maximum steam hose length pitched at 2"/ft (15%). Steam hose can sag if not supported for its full length. Sagging leads to collecting condensate and system pressure issues. Tubing is less prone to sagging and can allow for 1/8"/ft (1%) pitch minimum and longer runs.

^{†††} Developed length equals measured length plus 50% of measured length to account for fittings.