

# CRUV humidifier: Specifications

**Table 1-1:  
CRUV capacities, electrical specifications, and weights**

CRUV model	Maximum steam capacity**		Current draw (amps)											Shipping weight***		Operating weight***	
			Single-phase						Three-phase								
kW	lbs/hr	kg/h	120V	208V	240V	277V	480V	600V	208V	240V	277V	480V	600V	lbs	kg	lbs	kg
2	6	2.7	16.7	9.6	8.3	7.2	4.2	3.3	—	—	—	—	—	25	11	45	20
4	12	5.4	33.3	19.2	16.7	14.4	8.3	6.7	16.7*	14.4*	12.5	7.2*	5.8*	27	12	47	21
6	18	8.2	—	28.8	25.0	21.7	12.5	10.0	25.0*	21.7*	18.8	10.8*	8.7*	37	17	75	34
8	24	10.9	—	38.5	33.3	28.9	16.7	13.3	33.3*	28.9*	25.0	14.4*	11.5*	37	17	75	34
10	30	13.6	—	—	41.7	36.1*	20.8	16.7	29.1*	25.3*	21.9	12.6*	10.1*	39	18	90	41
12	36	16.3	—	—	—	43.3	25.0	20.0	33.3	28.9	25.0	14.4	11.5	39	18	90	41
14	42	19.1	—	—	—	—	29.2	23.3	38.9	33.7	29.2	16.8	13.5	39	18	90	41
16	48	21.8	—	—	—	—	33.3	26.7	44.4	38.5	33.3	19.2	15.4	39	18	90	41
21	63	28.6	—	—	—	—	43.8	35.0	—	—	43.8	25.3	20.2	43	20	104	47
25	75	34.0	—	—	—	—	—	41.7	—	—	—	30.1	24.1	43	20	104	47
30	90	40.9	—	—	—	—	—	—	—	—	—	36.1	28.9	48	22	109	49
34	102	46.3	—	—	—	—	—	—	—	—	—	40.9	32.7	48	22	109	49

\* For wire sizing, the highest leg draw is shown due to current imbalance.

\*\* Total humidifier load = load to meet design conditions + load to compensate for steam loss from the dispersion assembly and interconnecting piping. If total humidifier load is more than the humidifier's maximum capacity, design conditions will not be met. For steam loss data see the DRI-STEEM Design Guide available for downloading and printing at [www.drasteem.com](http://www.drasteem.com)

\*\*\* Depending on configuration, add up to 28 lbs (13 kg) for weight of control cabinet, subpanel, and other electrical control components.

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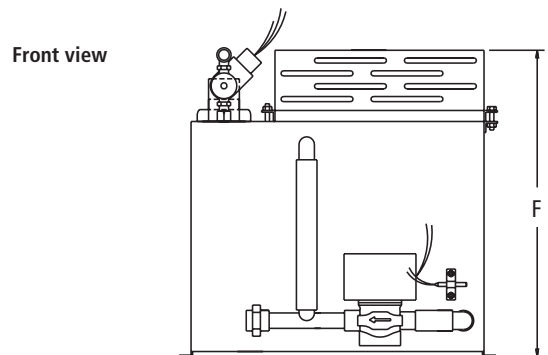
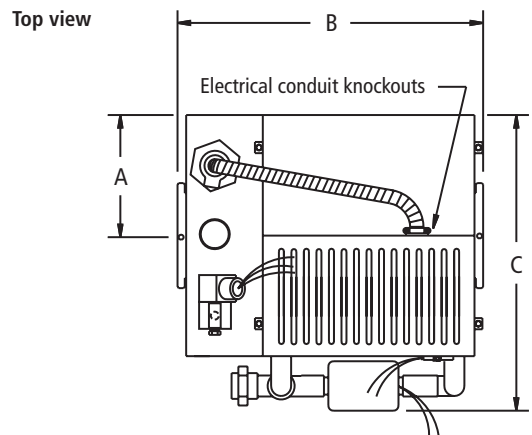
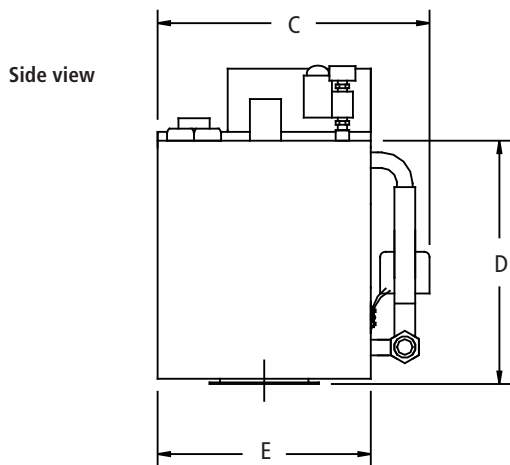
# CRUV humidifier: Dimensions

**Figure 2-1:  
CRUV dimensions**

Tap/softened water CRUV shown

Electrical conduit knockouts:

- CRUV Models 2 and 4 have combination knockout for 1/2" and 3/4" conduit connectors; knockout diameters are 22.3 mm and 28.6 mm.
- CRUV Models 6 through 34 have combination knockout for 3/4" and 1" conduit connectors; knockout diameters 28.6 mm and 34.9 mm.



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OM-2004, OM-2002, OM-2003

**Table 2-1:  
CRUV dimensions**

CRUV model	A		B		C		D		E		F	
	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm	inches	mm
2, 4	4.50	114	15.50	394	12.50	318	9.00	229	9.00	229	12.13	308
6, 8	7.18	183	16.00	406	16.88	429	10.00	254	14.34	369	13.25	337
10, 12, 14, 16	7.18	183	16.00	406	16.88	429	11.75	199	14.34	364	14.88	378
21, 25, 30, 34	7.18	183	16.00	406	16.88	429	13.25	337	14.34	364	16.38	416

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