



Capacities & Weight
"ESDDR" Series

Sheet No.
ESDDR-2

Model	Steam Output Capacity †		KW	Humidifier Reservoir Weight*				Control Cabinet Weight Δ	
	lbs/hr	kg/hr		Empty		Full		lbs	kg
ESDDR-3	9.0	4.1	3	50.5	22.9	130.5	59.2	32.0	14.5
ESDDR-4.5	13.5	6.1	4.5	50.5	22.9	130.5	59.2	32.0	14.5
ESDDR-5.5	18.0	8.1	6.0	50.5	22.9	130.5	59.2	32.0	14.5
ESDDR-7.5	22.5	10.2	7.5	50.5	22.9	130.5	59.2	32.0	14.5
ESDDR-11	31.5	14.2	10.5	50.5	22.9	130.5	59.2	32.0	14.5
ESDDR-14	40.5	18.4	13.5	50.5	22.9	130.5	59.2	32.0	14.5
ESDDR-15	45.0	20.4	15	50.5	22.9	130.5	59.2	32.0	14.5
ESDDR-16.5	49.5	22.5	16.5	50.5	22.9	130.5	59.2	32.0	14.5
ESDDR-19.5	58.5	26.5	19.5	50.5	22.9	130.5	59.2	32.0	14.5
ESDDR-22	63.0	28.6	21	61.0	27.7	177.0	80.3	55.0	25.0
ESDDR-28	81.0	36.7	27	61.0	27.7	177.0	80.3	55.0	25.0
ESDDR-30	90.0	40.8	30	61.0	27.7	177.0	80.3	55.0	25.0
ESDDR-33	99.0	45.0	33	61.0	27.7	177.0	80.3	55.0	25.0
ESDDR-39	117.0	53.1	39	61.0	27.7	177.0	80.3	55.0	25.0
ESDDR-42	126.0	57.2	42	61.0	27.7	177.0	80.3	55.0	25.0
ESDDR-45	135.0	61.2	45	65.5	29.7	181.5	82.3	72.0	32.7
ESDDR-49.5	148.5	67.4	49.5	65.5	29.7	181.5	82.3	72.0	32.7
ESDDR-58.5	175.5	80.0	58.5	65.5	29.7	181.5	82.3	72.0	32.7
ESDDR-63	189.0	85.7	63	65.5	29.7	181.5	82.3	72.0	32.7
ESDDR-66	198.0	89.8	66	88.0	39.9	243.0	110.2	72.0	32.7
ESDDR-78	234.0	106.1	78	88.0	39.9	243.0	110.2	72.0	32.7
ESDDR-84	252.0	114.3	84	88.0	39.9	243.0	110.2	72.0	32.7
ESDDR-102	306.0	138.8	102	88.0	39.9	243.0	110.2	72.0	32.7

* When calculating the total dry weight of the humidifier, the control cabinet weight must be added to the reservoir weight. Δ The control cabinet is shipped loose unless optional factory mounting is specified. Reference the "Dimension Sheet" for control cabinet dimensions.

† The above capacities are based on 100% nominal efficiency. Actual humidifier capacity may vary due to the heat loss from the humidifier reservoir. The ambient air temperature, air velocity, and injection tube system will affect the rate of heat loss from the humidifier reservoir. This can also be affected by makeup water temperature, voltage variations, carry-over losses, heater resistance tolerance, etc.