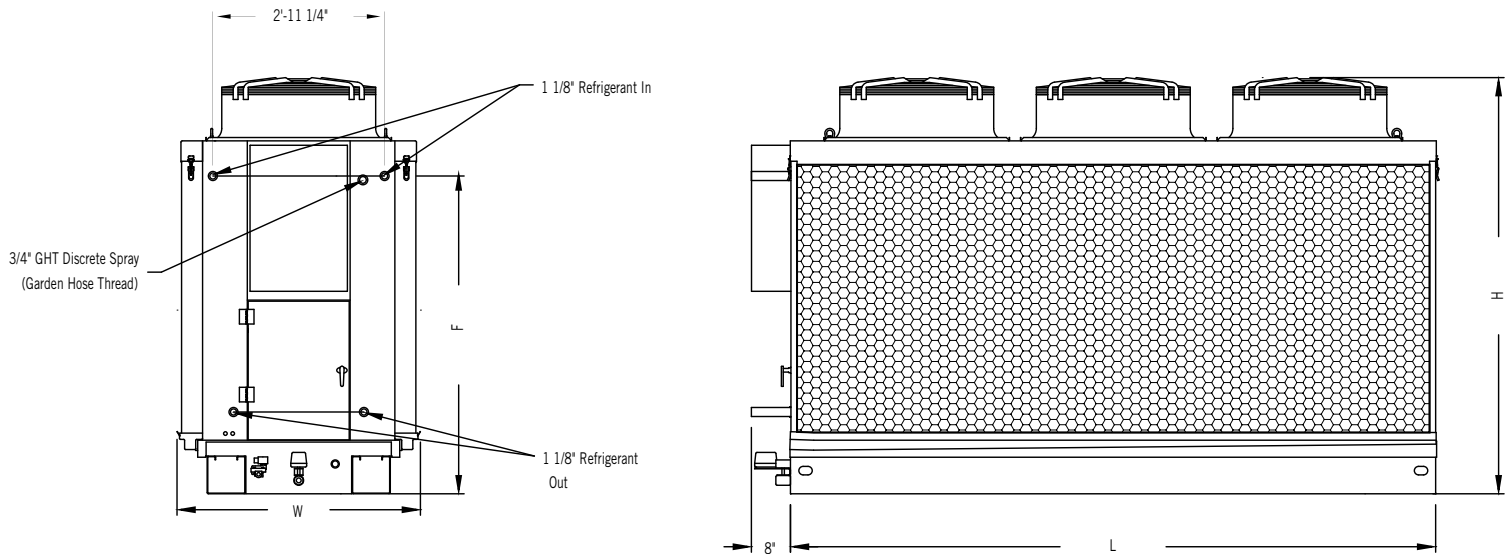


# Engineering Data



Model	Fan Qty	Base Heat Rejection (MBH) <sup>(1)</sup>	Base Tons	Motor HP	Pump HP	Airflow (CFM)	Total Unit FLA at 460V	Unit Length (L)	Unit Width (W)	Unit Height (H)	F	Shipping Weight (lbs)	Operating Weight (lbs)	
Microchannel	TSDC-033-3	1	391	33	3.0	0.33	14,890	6	5'-11"	4'-2"	7'-0"	4'-8"	1,280	1,450
	TSDC-058-6.2	2	702	58	6.2	0.33	28,000	10.8	8'-7"	4'-2"	7'-0"	4'-8"	1,740	1,950
	TSDC-086-9.6	3	1,026	86	9.6	0.33	41,400	15.6	11'-9"	4'-2"	7'-0"	4'-8"	2,300	2,550
	TSDC-116-12.4	4	1,405	116	12.4	0.33	56,000	20.4	16'-3"	4'-4"	7'-1/2"	4'-8"	3,200	3,550
Tube/Fin	TSDC-TF-33-3	1	391	33	3.0	0.33	14,890	6	5'-11"	5'-7"	7'-1"	3'-8"	1,740	1,970
	TSDC-TF-58-6.2	2	702	58	6.2	0.33	28,000	10.8	8'-7"	5'-7"	7'-1"	3'-8"	2,390	2,660
	TSDC-TF-86-9.6	3	1,026	86	9.6	0.33	41,400	15.6	11'-9"	5'-7"	7'-1"	3'-8"	3,150	3,460
	TSDC-TF-116-12.4	4	1,405	116	12.4	0.33	56,000	20.4	16'-3"	5'-7"	7'-1"	3'-8"	4,130	4,530

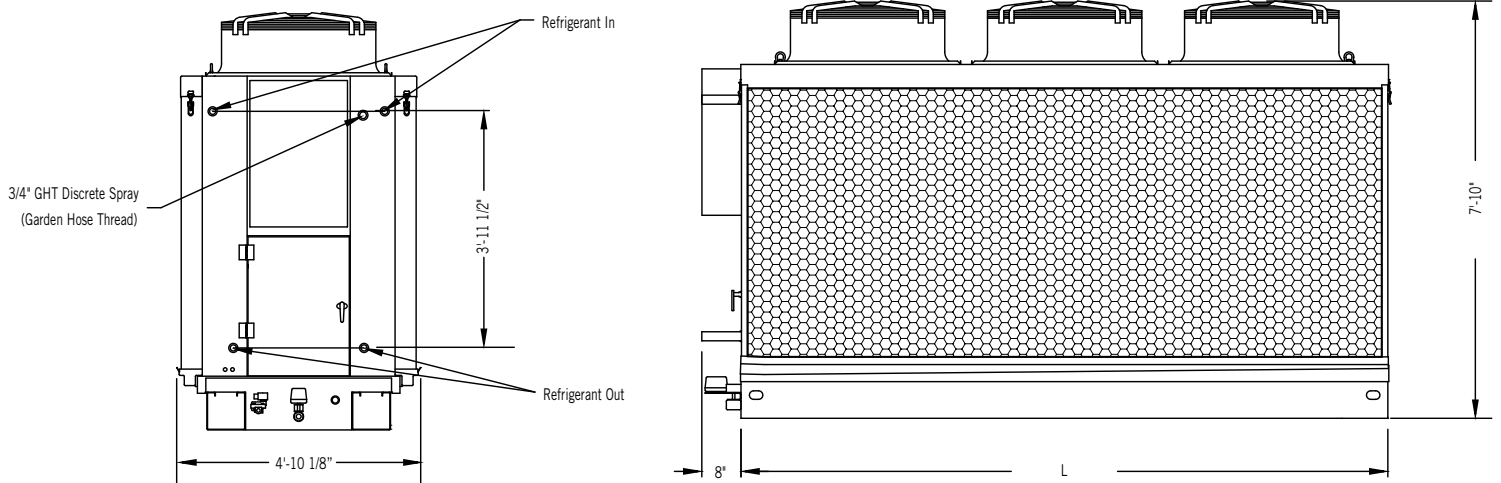


## NOTES:

1. Base Heat Rejection (MBH) is based on R-134a 95°F dry-bulb/76°F wet-bulb and 105°F condensing temperature.
2. The water make-up connection is 3/4". The water drain connection is 1 1/4". The water overflow connection is 1 1/2".
3. For engineering data for CO<sub>2</sub> applications, see **page 14**.

**Do not use for construction.** Refer to factory certified dimensions. This catalog includes data current at the time of publication, which should be reconfirmed at the time of purchase. Up-to-date engineering data, free product selection software, and more can be found at [www.BaltimoreAircoil.com](http://www.BaltimoreAircoil.com).

# Engineering Data for CO<sub>2</sub> Applications



Model	Fan Qty	Base Heat Rejection (MBH) <sup>(1)</sup>	Base Tons	Motor BHP	Airflow (CFM)	Pump HP	Unit FLA at 460V	Unit Length (L)	Shipping Weight (lbs)	Operating Weight (lbs)
TSDC-C02-044-3	1	530	44	3	15,200	0.33	6	5'-3"	1,650	1,840
TSDC-C02-077-6.2	2	828	77	6	28,800	0.33	10.8	7'-11"	2,300	2,530
TSDC-C02-112-9.6	3	1,344	112	9.6	42,600	0.33	15.6	11'-1"	2,970	3,250
TSDC-C02-152-12.4	4	1,848	152	12	57,500	0.33	20.4	15'-7"	3,940	4,290



**NOTE:**

1. Base Heat Rejection (MBH) is based on R-744 200°F CO<sub>2</sub> gas cooling with 90°F dry-bulb/76°F wet-bulb ambient.

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