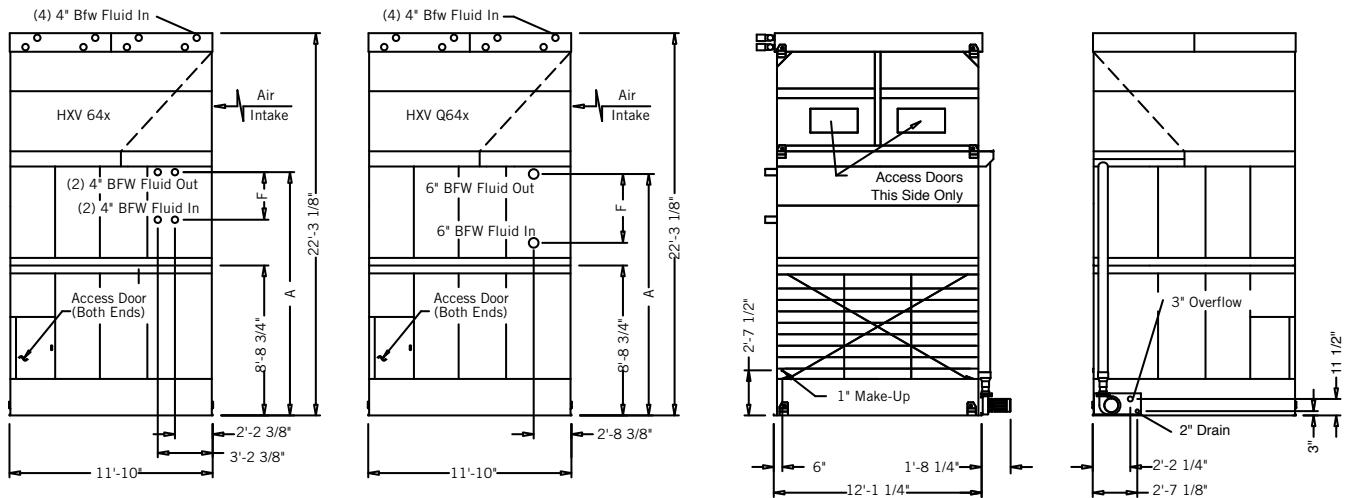
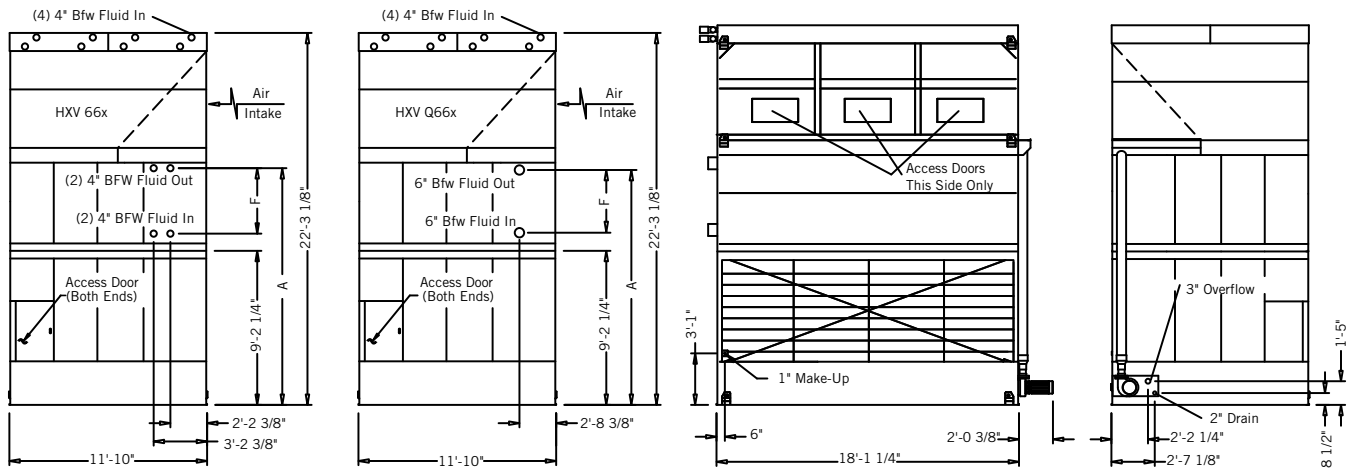


HXV Engineering Data

> HXV-64x/Q64x



> HXV-66x/Q66x



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.



Model Number	Nominal Tons ⁽¹⁾	Motor HP		Weights (lbs)			Dimensions	
		Fan	Pump	Operating ⁽²⁾	Shipping	Heaviest Section (Coil)	A	F
HXV-641-OM	160	30	5	24,800	15,000	23,700	14'-2"	2'-0"
HXV-642-OM	180	30	5	26,300	16,100	25,200	14'-2"	2'-10"
HXV-Q640-OM	164	30	5	26,300	16,100	25,200	14'-1"	2'-8"
HXV-Q641	191	30	5	29,300	18,200	28,200	14'-1"	4'-2"
HXV-661-OM	252	30 & 15	7.5	35,700	21,600	34,600	14'-8"	2'-0"
HXV-662-OM	283	30 & 15	7.5	38,000	23,200	36,800	14'-8"	2'-10"
HXV-Q660-OM	268	30 & 15	7.5	38,000	23,200	36,800	14'-6"	2'-6"
HXV-Q661	305	30 & 15	7.5	42,400	28,400	41,300	14'-6"	4'-0"



NOTES:

- Nominal tons of cooling represents the capability to cool 3 USGPM of water from 95°F entering water temperature to 85°F leaving water temperature at a 78°F entering wet-bulb temperature.
- Operating weight is for the tower with the water level in the cold water basin at the overflow.
- The actual size of the inlet and outlet connection may vary with the design flow rate. Consult the unit print for dimensions.
- Pipe sizes are nominal diameters. Standard connections are beveled-for-welding (BFW).
- Dimensional drawings show standard (right hand) arrangements with the standard finned coil arrangement.

Winter Operation

Model Number	Heat Loss Data (BTU/HR, Standard Unit)	Internal Coil Volumes		Cold Water Basin Volume at Operating Level (gal)
		Prime Surface Coil (gal)	Finned Coil (gal)	
HXV-641-OM	904,180	163	119	207
HXV-642-OM	962,184	218	119	207
HXV-Q640-OM	962,184	218	119	207
HXV-Q641	1,074,780	326	119	207
HXV-661-OM	1,354,564	255	170	314
HXV-662-OM	1,436,452	340	170	314
HXV-Q660-OM	1,436,452	340	170	314
HXV-Q661	1,596,816	510	170	314

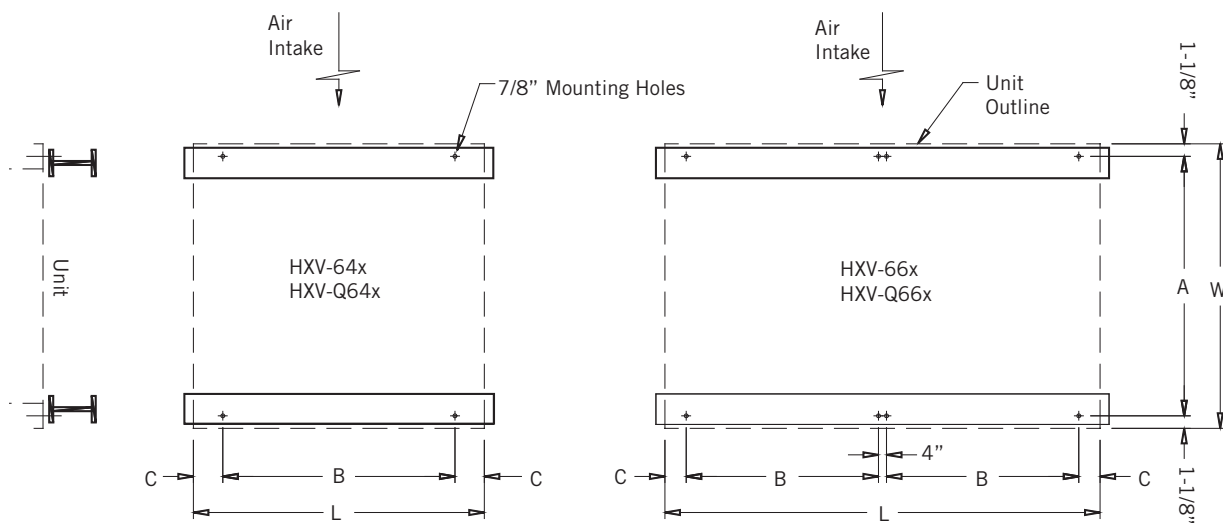


NOTES:

- Heat loss data based on 50°F (-10.0°C) coil water and -10.0°F (-23.3°C) with a 45 MPH (72.4 Km/hr) wind velocity (fans and pump are off).
- Electric immersion heaters with thermostat and low level cutout. All components are factory installed in the unit basin. Heaters are selected to maintain 40°F (4.4°C) basin water at 0°F (-17.8°C) ambient temperature. In outdoor locations, trace heating and insulation of spray pump(s) (by others) may be required for freeze protection.

HXV Structural Support

The recommended support arrangement for HXV Hybrid Cooling Towers consists of parallel support members positioned as shown in the drawings. In addition to providing adequate support, the members also serve to raise the unit above any solid foundation to ensure access to the bottom of the tower. To support an HXV on columns or in an alternate arrangement not shown here, consult your local BAC Representative.



Model Number	W	L	A	B	C	Number of Anchor Bolts
HXV-64X	11'-10"	12'-2"	11'-8"	10'-6"	10"	4
HXV-Q64X	11'-10"	12'-2"	11'-8"	10'-6"	10"	4
HXV-66X	11'-10"	18'-2"	11'-8"	8'	11"	8
HXV-Q66X	11'-10"	18'-2"	11'-8"	8'	11"	8



NOTES:

- Support members and anchor bolts shall be designed, furnished, and installed by others.
- Design of support members and anchor bolts shall be in accordance with the strength and serviceability requirements of the applicable building code and project specifications.
- Support members shall be level at the top.
- Refer to the certified unit support drawing for loading and additional support requirements.
- If vibration isolation (provided by others) is used, the isolators should be located under a structural base that complies with one of the recommended support arrangements. Contact your local BAC Representative for all other isolator configurations.