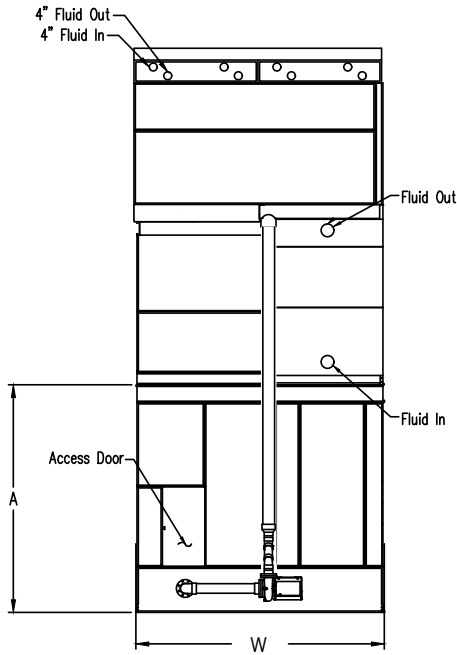
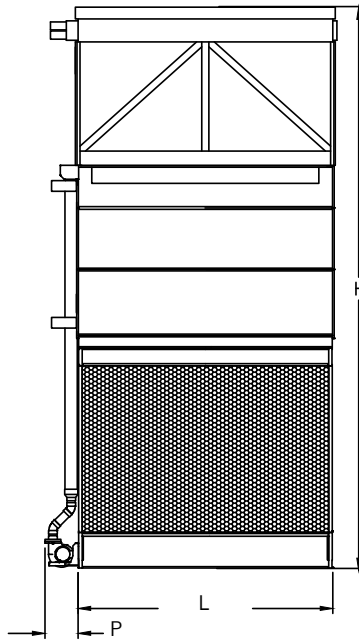


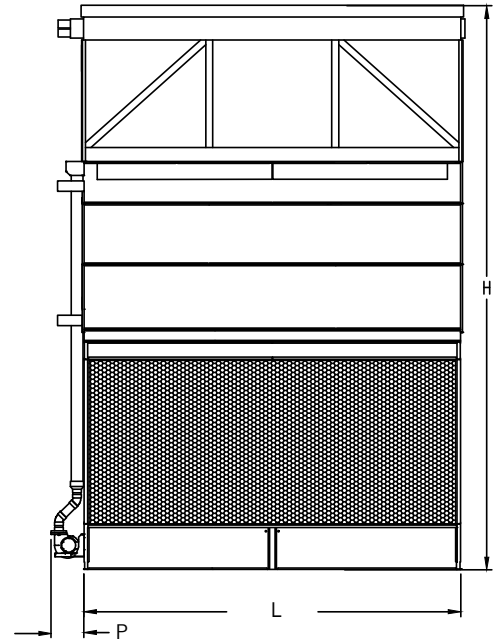
# HXV Engineering Data



**Connection Side:**  
Models HXV-1212N and HXV-1218N



**Air Intake End:**  
Models HXV-1212N



**Air Intake End:**  
Models HXV-1218N



**NOTES:**

1. Operating weight is for the unit with the water level in the cold water basin at the overflow.
2. The actual size and number of the coil inlet and outlet connections may vary with the design flow rate. Consult unit print for dimensions.
3. Standard coil inlet and outlet connections are beveled for welding.
4. Standard make-up, drain and overflow connections are located near the bottom of the unit. Make-up connection is 1 1/2" MPT standpipe, drain is 2" FPT, and overflow is 3" FPT. Standard make-up is MPT and standard drain and overflow are FPT.

**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 [BaltimoreAircoil.com](http://BaltimoreAircoil.com).

Model Number	Pump Motor HP	CFM	Approximate Weight (lbs)			Dimensions					Connection Size <sup>3,6</sup>		Spray Pump (USGPM)	Internal Coil Volume (gal)	Internal Dry Coil Volume (gal)	Riser Pipe Dia.								
			Operating Weight <sup>2</sup>	Shipping Weight	Heaviest Section	L	W	H	A	P	Make-Up Water	Wet Coil												
HXV-1212N-1B23TA-x	7.5	52,570	28,260	17,810	9,720	12'-0"	11'-10"	22'-2"	9'-1"	2'-0"	1 1/2"	6	859	290	60	6"								
HXV-1212N-1C16QA-x		59,200	26,240	16,490	8,050			23'-6"	10'-5"			6		190										
HXV-1212N-1C23QA-x		62,790	28,730	18,280	9,840			23'-6"	10'-5"			6		290										
HXV-1212N-1C23TA-x		62,790	28,730	18,330	9,890			23'-6"	10'-5"			6		290										
HXV-1212N-1C30TA-x		56,060	31,620	20,470	12,020			26'-5"	10'-5"			6		360										
HXV-1212N-1C32QA-x		61,320	32,280	20,930	12,490			26'-5"	10'-5"			6		380										
HXV-1212N-1C36HA-x		60,380	33,900	22,150	13,710			26'-5"	10'-5"			8		430										
HXV-1212N-1C36TA-x		60,380	33,610	21,860	13,410			26'-5"	10'-5"			6		430										
HXV-1212N-1B23TB-x		52,570	28,260	17,810	9,720			22'-2"	9'-1"			6		290										
HXV-1212N-1C16QB-x		59,200	26,240	16,490	8,050			23'-6"	10'-5"			6		190										
HXV-1212N-1C23QB-x		62,790	28,730	18,280	9,840			23'-6"	10'-5"			6		290										
HXV-1212N-1C23TB-x		62,790	28,730	18,330	9,890			23'-6"	10'-5"			6		290										
HXV-1212N-1C30TB-x		56,060	31,620	20,470	12,020			26'-5"	10'-5"			6		360										
HXV-1212N-1C32QB-x		61,320	32,280	20,930	12,490			26'-5"	10'-5"			6		380										
HXV-1212N-1C36HB-x		60,380	33,900	22,150	13,710			26'-5"	10'-5"			8		430										
HXV-1212N-1C36TB-x		60,380	33,610	21,860	13,410			26'-5"	10'-5"			6		430										
HXV-1218N-1B16QA-x		10	82,460	38,270	23,590			11,700	18'-0"			26'-11"		22'-8"			9'-7"	2'-6"	1 1/2"	6	1,300	290	80	8"
HXV-1218N-1B23QA-x			79,620	42,030	26,300			14,420						22'-8"			9'-7"			6		430		
HXV-1218N-1B23TA-x	79,620		42,090	26,350	14,470	22'-8"	9'-7"	6		430														
HXV-1218N-1B36HA-x	76,490		49,500	31,810	19,930	25'-7"	9'-7"	8		650														
HXV-1218N-1C16QA-x	114,100		38,980	24,300	11,930	24'-0"	10'-11"	6		290														
HXV-1218N-1C23QA-x	94,960		42,740	27,010	14,640	24'-0"	10'-11"	6		430														
HXV-1218N-1C23TA-x	94,960		42,800	27,060	14,690	24'-0"	10'-11"	6		430														
HXV-1218N-1C30TA-x	84,790		46,870	30,080	17,710	26'-11"	10'-11"	6		540														
HXV-1218N-1C32QA-x	92,620		47,920	30,840	18,470	26'-11"	10'-11"	6		580														
HXV-1218N-1C36HA-x	91,470		50,210	32,520	20,150	26'-11"	10'-11"	8		650														
HXV-1218N-1C36TA-x	66,180		49,390	31,700	19,330	26'-11"	10'-11"	6		650														
HXV-1218N-1B16QB-x	82,460		38,270	23,590	11,700	22'-8"	9'-7"	6		290														
HXV-1218N-1B23QB-x	79,620		42,030	26,300	14,420	22'-8"	9'-7"	6		430														
HXV-1218N-1B23TB-x	79,620		42,090	26,350	14,470	22'-8"	9'-7"	6		430														
HXV-1218N-1B36HB-x	76,490		49,500	31,810	19,930	25'-7"	9'-7"	8		650														
HXV-1218N-1C16QB-x	114,100		38,980	24,300	11,930	24'-0"	10'-11"	6		290														
HXV-1218N-1C23QB-x	94,960		42,740	27,010	14,640	24'-0"	10'-11"	6		430														
HXV-1218N-1C23TB-x	94,960		42,800	27,060	14,690	24'-0"	10'-11"	6		430														
HXV-1218N-1C30TB-x	84,790		46,870	30,080	17,710	26'-11"	10'-11"	6		540														
HXV-1218N-1C32QB-x	92,620		47,920	30,840	18,470	26'-11"	10'-11"	6		580														
HXV-1218N-1C36HB-x	91,470		50,210	32,520	20,150	26'-11"	10'-11"	8		650														
HXV-1218N-1C36TB-x	66,180	49,390	31,700	19,330	26'-11"	10'-11"	6	650																

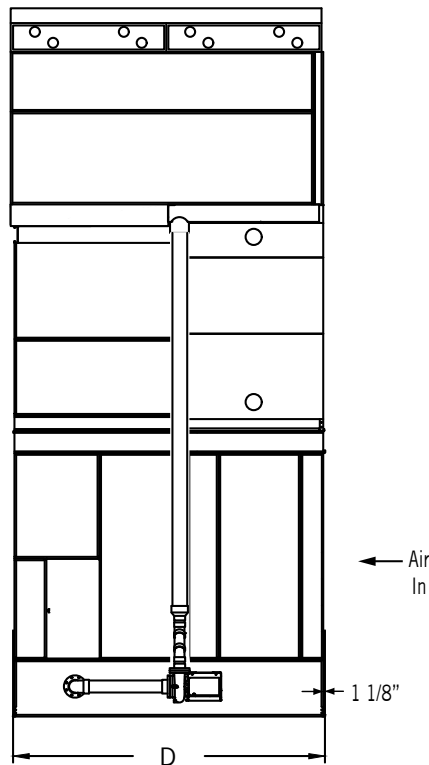
# HXV Structural Support

The recommended support arrangement for HXV Hybrid Coolers consists of parallel structural members positioned as shown on 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.

**NOTES:**



1. Support members and anchor bolts shall be designed, furnished, and installed by others.
2. 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.
3. Support members shall be level at the top.
4. Refer to the certified unit support drawing for loading and additional support requirements.
5. 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.



**SINGLE AIR INTAKE**

Model Number	D
HXV-1212N	11'-7 3/4"
HXV-1218N	11'-7 3/4"