



Model #: XES3E-8518-05J
Serial #: U147035202-02

2014
233 Tons

Series 3000 Cooling Tower

TABLE OF CONTENTS

B9 SERIES 3000 COOLING TOWER

B13 SERIES 3000 XE MODELS

B15 CONSTRUCTION DETAILS

B17 CUSTOM FEATURES & OPTIONS

B30 ENGINEERING DATA

B41 STRUCTURAL SUPPORT

B43 ALTERNATIVE STRUCTURAL SUPPORT

L: 18' 1"
W: 8' 6"
H: 9' 10"

Operating Weight: 15,050 lbs
Shipping Weight: 7,910 lbs

XE Model Data

Model Number	Nominal Tonnage ⁽¹⁾	Motor HP	Fan (CFM)	Weights (lbs)			Dimensions ⁽³⁾			
				Operating ⁽²⁾	Shipping	Heaviest Section	L	W	H ⁽⁴⁾	A
XES3E-8518-05G	171	3	46,830	15,000	7,860	7,860	8'-6"	18'-1"	9'-10"	8'-8"
XES3E-8518-05H	203	5	54,950	15,010	7,870	7,870	8'-6"	18'-1"	9'-10"	8'-8"
XES3E-8518-05J	233	7.5	62,370	15,040	7,900	7,900	8'-6"	18'-1"	9'-10"	8'-8"
XES3E-8518-05K	256	10	68,230	15,050	7,910	7,910	8'-6"	18'-1"	9'-10"	8'-8"
XES3E-8518-06G	194	3	51,200	15,910	8,240	8,240	8'-6"	18'-1"	11'-2"	10'-0"
XES3E-8518-06H	230	5	60,000	15,920	8,250	8,250	8'-6"	18'-1"	11'-2"	10'-0"
XES3E-8518-06J	262	7.5	68,010	15,950	8,280	8,280	8'-6"	18'-1"	11'-2"	10'-0"
XES3E-8518-06K	288	10	74,310	15,960	8,290	8,290	8'-6"	18'-1"	11'-2"	10'-0"
XES3E-8518-07G	216	3	55,510	18,190	8,620	8,620	8'-6"	18'-1"	12'-6"	11'-4"
XES3E-8518-07H	256	5	64,950	18,200	8,630	8,630	8'-6"	18'-1"	12'-6"	11'-4"
XES3E-8518-07J	292	7.5	73,520	18,230	8,660	8,660	8'-6"	18'-1"	12'-6"	11'-4"
XES3E-8518-07K	320	10	80,250	18,240	8,670	8,670	8'-6"	18'-1"	12'-6"	11'-4"
XES3E-8518-07L	365	15	90,740	18,310	8,740	8,740	8'-6"	18'-1"	12'-6"	11'-4"
XES3E-1020-06G	206	3	54,620	19,020	9,420	9,420	9'-10"	20'-1"	10'-10"	10'-0"
XES3E-1020-06H	244	5	64,020	19,030	9,430	9,430	9'-10"	20'-1"	10'-10"	10'-0"
XES3E-1020-06J	279	7.5	72,540	19,040	9,440	9,440	9'-10"	20'-1"	10'-10"	10'-0"
XES3E-1020-06K	307	10	79,230	19,050	9,450	9,450	9'-10"	20'-1"	10'-10"	10'-0"
XES3E-1020-06L	350	15	89,680	19,120	9,520	9,520	9'-10"	20'-1"	10'-10"	10'-0"
XES3E-1020-07G	228	3	59,110	20,040	9,750	9,750	9'-10"	20'-1"	12'-2"	11'-4"
XES3E-1020-07H	271	5	69,240	20,050	9,760	9,760	9'-10"	20'-1"	12'-2"	11'-4"
XES3E-1020-07J	310	7.5	78,450	20,080	9,790	9,790	9'-10"	20'-1"	12'-2"	11'-4"
XES3E-1020-07K	340	10	85,680	20,090	9,800	9,800	9'-10"	20'-1"	12'-2"	11'-4"
XES3E-1020-07L	388	15	96,960	20,160	9,870	9,870	9'-10"	20'-1"	12'-2"	11'-4"
XES3E-1222-06H	279	5	73,400	23,530	11,250	11,250	11'-10"	21'-7"	10'-11"	10'-0"
XES3E-1222-06J	318	7.5	83,170	23,560	11,280	11,280	11'-10"	21'-7"	10'-11"	10'-0"
XES3E-1222-06K	350	10	90,860	23,570	11,290	11,290	11'-10"	21'-7"	10'-11"	10'-0"
XES3E-1222-06L	399	15	102,870	23,640	11,360	11,360	11'-10"	21'-7"	10'-11"	10'-0"
XES3E-1222-07J	354	7.5	90,050	24,910	11,880	11,880	11'-10"	21'-7"	12'-3"	11'-4"
XES3E-1222-07K	389	10	98,370	24,920	11,890	11,890	11'-10"	21'-7"	12'-3"	11'-4"
XES3E-1222-07L	444	15	111,350	24,990	11,960	11,960	11'-10"	21'-7"	12'-3"	11'-4"
XES3E-1222-07M	487	20	121,530	25,010	11,980	11,980	11'-10"	21'-7"	12'-3"	11'-4"
XES3E-1222-10K	491	10	120,030	33,090	14,910	8,590	11'-10"	21'-7"	16'-5"	15'-6"
XES3E-1222-10L	559	15	135,400	33,160	14,980	8,660	11'-10"	21'-7"	16'-5"	15'-6"
XES3E-1222-10M	611	20	147,380	33,180	15,000	8,680	11'-10"	21'-7"	16'-5"	15'-6"
XES3E-1222-10N	655	25	157,340	33,320	15,140	8,820	11'-10"	21'-7"	16'-5"	15'-6"
XES3E-1222-10O	693	30	165,950	33,370	15,190	8,870	11'-10"	21'-7"	16'-5"	15'-6"
XES3E-1222-12K	528	10	127,800	35,830	15,840	8,700	11'-10"	21'-7"	19'-1"	18'-2"
XES3E-1222-12L	600	15	144,070	35,900	15,910	8,770	11'-10"	21'-7"	19'-1"	18'-2"
XES3E-1222-12M	657	20	156,730	35,920	15,930	8,790	11'-10"	21'-7"	19'-1"	18'-2"
XES3E-1222-12N	703	25	167,230	36,060	16,070	8,930	11'-10"	21'-7"	19'-1"	18'-2"
XES3E-1222-12O	744	30	176,300	36,110	16,120	8,980	11'-10"	21'-7"	19'-1"	18'-2"

Series 3000 Connection Data

Model Number	Dimensions ⁽¹⁾				Inlet Connection Sizes ^(2,4)		Outlet Connection Sizes ^(3,4)	
	B	C	D	F	Easy Connect	Top Inlet	Outlet	Remote Sump
S3E/XES3E-8518-05x	5'-9"	3'-9"	9"	6'-6"	8"	(2) 6"	8"	10"
S3E/XES3E-8518-06x	6'-7"	3'-9"	9"	6'-6"	8"	(2) 6"	8"	10"
S3E/XES3E-8518-07x	6'-7"	3'-9"	10"	6'-6"	10"	(2) 8"	10"	12"
S3E/XES3E-1020-06x	6'-7"	3'-9"	10"	6'-9"	10"	(2) 8"	10"	12"
S3E/XES3E-1020-07x	6'-7"	3'-9"	10"	6'-9"	10"	(2) 8"	10"	12"
S3E/XES3E-1222-06x	6'-7"	4'-0"	10"	8'-8"	10"	(2) 8"	10"	12"
S3E/XES3E-1222-07x	6'-7"	4'-0"	10"	8'-8"	10"	(2) 8"	10"	14"
S3E/XES3E-1222-10x	10'-5"	4'-0"	10"	8'-8"	12"	(2) 8"	12"	16"
S3E/XES3E-1222-12x	13'-1"	4'-0"	10"	8'-8"	12"	(2) 8"	12"	16"
S3E/XES3E-1222-13x	14'-5"	4'-0"	10"	8'-8"	12"	(2) 8"	12"	18"
S3E/XES3E-1222-14x	15'-9"	4'-0"	10"	8'-8"	14"	(2) 10"	14"	20"
S3E/XES3E-1424-07x	6'-7"	4'-1"	10"	8'-10"	12"	(2) 8"	12"	16"
S3E/XES3E-1424-12x	13'-1"	4'-1"	10"	8'-10"	14"	(2) 10"	14"	20"
S3E/XES3E-1424-13x	14'-5"	4'-1"	10"	8'-10"	14"	(2) 10"	14"	20"
S3E/XES3E-1424-14x	15'-9"	4'-1"	10"	8'-10"	14"	(2) 10"	14"	20"



NOTES FOR CONNECTION DIMENSIONS:

1. For dimension locations, see **page B38**.
2. The specific size of the inlet and outlet connection may vary with the design cooling water flow rate.
3. Unless otherwise indicated, all connections 3" and smaller are male pipe thread, and connections 4" and larger are beveled for welding and grooved to suit a mechanical coupling.
4. On double cell units, connections are the same size but are located on both ends of the unit. Refer to **page B30** for side elevation view.

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.

