

XFAM Competitive Cross (R-404A)

Emerson (Copeland)					Heatcraft (Bohn, Chandler, Climate Control, Larkin)				HTPG (ColdZone, Kramer, Russell, Witt)				United (Keep-Rite, Trenton)			
Model	compressor	Voltage	Capacity @25/90 Amb	AWEF	Model	Compressor	Capacity @25/90 Amb	AWEF	Model	Compressor	Capacity @25/90 Amb	AWEF	Model	Compressor	Capacity @25/90 Amb	AWEF
XFAM-008Z-CFV-081	ZB06KAE	208-230/1/60	8,280	10.59	*Z*005M6B	ZB06KAE	7,830	7.15	**O060M4SD	ZB06KAE	7,350	7.80	*QZA007H8-HS2	ZB06KAE	8,230	8.98
XFAM-008Z-TFC-081	ZB06KAE	208-230/3/60	8,280	10.59	*Z*005M6C	ZB06KAE	7,830	7.15	**O060M4SE	ZB06KAE	7,350	7.80	*QZA007H8-HT3	ZB06KAE	8,230	8.98
XFAM-010Z-CFV-081	ZB07KAE	208-230/1/60	10,000	10.84	*Z*008M6B	ZB07KAE	9,200	7.60	**O080M4SD	ZB07KAE	9,100	8.10	*QZA008H8-HS2	ZB07KAE	9,850	9.09
XFAM-010Z-TFC-081	ZB07KAE	208-230/3/60	10,000	10.84	*Z*008M6C	ZB07KAE	9,200	7.60	**O080M4SE	ZB07KAE	9,100	8.10	*QZA008H8-HT3	ZB07KAE	9,850	9.09
XFAM-012Z-CFV-081	ZB08KAE	208-230/1/60	11,400	11.32	*Z*009M6B	ZB08KAE	10,160	8.02	**O100M4SD	ZB08KAE	10,400	8.07	*QZA009H8-HS2	ZB08KAE	11,100	9.24
XFAM-012Z-TFC-081	ZB08KAE	208-230/3/60	11,400	11.32	*Z*009M6C	ZB08KAE	10,160	8.02	**O100M4SE	ZB08KAE	10,400	8.07	*QZA009H8-HT3	ZB08KAE	11,100	9.24
XFAM-015Z-CFV-081	ZS09KAE	208-230/1/60	12,700	9.78	*Z*010M6B	ZS09KAE	13,420	8.32	**O130E4SD	ZS09KAE	11,130	7.60	*QZA010H8-HS2	ZS09KAE	12,400	8.98
XFAM-015Z-TFC-081	ZS09KAE	208-230/3/60	12,700	9.78	*Z*010M6C	ZS09KAE	13,420	8.32	**O130E4SE	ZS09KAE	11,130	7.60	*QZA010H8-HT3	ZS09KAE	12,400	8.98
XFAM-017Z-CFV-081	ZS11KAE	208-230/1/60	15,200	10.08					**O150E4SD	ZS11KAE	14,270	8.73	*QZA011H8-HS2	ZS11KAE	14,700	9.09
XFAM-017Z-TFC-081	ZS11KAE	208-230/3/60	15,200	10.08					**O150E4SE	ZS11KAE	14,270	8.73	*QZA011H8-HT3	ZS11KAE	14,700	9.09
XFAM-020Z-CFV-081	ZS13KAE	208-230/1/60	17,600	10.42	*Z*015M6B	ZS13KAE	17,490	8.63	**O180E4SD	ZS13KAE	15,990	8.47	*QZA015H8-HS2	ZS13KAE	16,900	9.24
XFAM-020Z-TFC-081	ZS13KAE	208-230/3/60	17,600	10.42	*Z*015M6C	ZS13KAE	17,490	8.63	**O180E4SE	ZS13KAE	15,990	8.47	*QZA015H8-HT3	ZS13KAE	16,900	9.24
XFAM-022Z-CFV-081	ZS15KAE	208-230/1/60	20,400	10.43	*Z*020M6B	ZS15KAE	20,560	8.04	**O200E4SD	ZS15KAE	20,050	9.07	*QZA020H8-HS2	ZB15KCE	19,280	9.07
XFAM-022Z-TFC-081	ZS15KAE	208-230/3/60	20,400	10.43	*Z*020M6C	ZS15KAE	20,560	8.04	**O200E4SE	ZS15KAE	20,050	9.07	*QZA020H8-HT3	ZB15KCE	19,280	9.07
XFAM-025Z-CFV-081	ZS19KAE	208-230/1/60	22,700	10.61	*Z*025M6B	ZS19KAE	22,410	7.64	**O250E4SD	ZS19KAE	21,960	9.07	*QZA025H8-HS2	ZB19KCE	23,070	9.11
XFAM-025Z-TFC-081	ZS19KAE	208-230/3/60	22,700	10.61	*Z*025M6C	ZS19KAE	22,410	7.64	**O250E4SE	ZS19KAE	21,960	9.07	*QZA025H8-HT3	ZB19KCE	23,070	9.11
XFAM-030Z-CFV-081	ZS21KAE	208-230/1/60	29,300	10.43	*Z*030M6B	ZS21KAE	32,260	9.04	**O300E4SD	ZS21KAE	30,480	10.04	*QZA030H8-HS2	ZB21KCE	27,430	9.00
XFAM-030Z-TFC-081	ZS21KAE	208-230/3/60	29,300	10.43	*Z*030M6C	ZS21KAE	32,260	9.04	**O300E4SE	ZS21KAE	30,480	10.04	*QZA030H8-HT3	ZB21KCE	27,430	9.00
XFAM-033Z-CFV-081	ZS26KAE	208-230/1/60	33,000	10.49	*Z*035M6B	ZS26KAE	34,960	9.15	**O350E4SD	ZS26KAE	33,600	9.91	*QZA035H8-HS2	ZB26KCE	34,200	9.20
XFAM-033Z-TFC-081	ZS26KAE	208-230/3/60	33,000	10.49	*Z*035M6C	ZS26KAE	34,960	9.15	**O350E4SE	ZS26KAE	33,600	9.91	*QZA035H8-HT3	ZB26KCE	34,200	9.20
XFAM-037Z-CFV-081	ZS29KAE	208-230/1/60	36,700	10.36	*Z*045M6B	ZS29KAE	38,830	9.08	**O400E4SD	ZS29KAE	37,710	9.06	*QZA040H8-HS2	ZB30KCE	39,290	9.27
XFAM-037Z-TFC-081	ZS29KAE	208-230/3/60	36,700	10.36	*Z*045M6C	ZS29KAE	38,830	9.08	**O400E4SE	ZS29KAE	37,710	9.06	*QZA040H8-HT3	ZB30KCE	39,290	9.27
XFAM-045Z-CFV-081	ZS33KAE	208-230/1/60	40,700	10.26	*Z*050M6B	ZS33KAE	41,980	9.13	**O450E4SD	ZS33KAE	42,490	9.63				
XFAM-045Z-TFC-081	ZS33KAE	208-230/3/60	40,700	10.26	*Z*050M6C	ZS33KAE	41,980	9.13	**O450E4SE	ZS33KAE	42,490	9.63				
XFAM-050Z-CFV-081	ZS38K4E	208-230/1/60	47,300	8.71	*Z*055M6B	ZS38K4E	46,970	7.89	**O500E4SD	ZS38K4E	46,660	8.38	*QZA050H8-HS2	ZB38KCE	47,130	9.25
XFAM-050Z-TFC-081	ZS38K4E	208-230/3/60	47,300	8.71	*Z*055M6C	ZS38K4E	46,970	7.89	**O500E4SE	ZS38K4E	46,660	8.38	*QZA050H8-HT3	ZB38KCE	47,130	9.25
XFAM-060Z-TFC-081	ZS45K4E	208-230/3/60	55,500	9.36	*Z*060M6C	ZS45K4E	54,430	8.35	**O600E4SE	ZS45K4E	55,630	8.49	*QZA060H8-HT3	ZB45KCE	55,400	9.67

Competitive capacity and AWEF values sourced from publicly available published data. For reference only.

XFAM data also applies to XFAP models.

XFAL /XFAP Competitive Cross (R-404A only)												
Emerson (Copeland)				Heatcraft (Bohn, Chandler, Climate Control, Larkin)			HTPG (ColdZone, Kramer, Russell, Witt)			United (Keep-Rite, Trenton)		
Model	compressor	Voltage	Capacity @ -10/90 Amb	Model	Compressor	Capacity @ -10/90 Amb	Model	Compressor	Capacity @ -10/90 Amb	Model	Compressor	Capacity @ -10/90 Amb
XFAL-008Z-CFV-081	ZF03KAE	208-230/1/60	4,180	*Z*006L6B	ZF03KAE	4,000	**O100L4SD	ZF03KAE	3,780	*QZA008L8-HS2	ZF03KAE	4,210
XFAL-008Z-TFC-081	ZF03KAE	208-230/3/60	4,180	*Z*006L6C	ZF03KAE	4,000	**O100L4SE	ZF03KAE	3,780	*QZA008L8-HT3	ZF03KAE	4,210
XFAL-009Z-CFV-081	ZF04KAE	208-230/1/60	5,720	*Z*008L6C	ZF04KAE	5,390	**O130L4SD	ZF04KAE	5,220	*QZA010L8-HS2	ZF04KAE	5,690
XFAL-009Z-TFC-081	ZF04KAE	208-230/3/60	5,720	*Z*008L6D	ZF04KAE	5,390	**O130L4SE	ZF04KAE	5,220	*QZA010L8-HT3	ZF04KAE	5,690
XFAP-015Z-CFV-081	ZS09KAE	208-230/1/60	5,910									
XFAP-015Z-TFC-081	ZS09KAE	208-230/3/60	5,910									
XFAL-010Z-CFV-081	ZF05KAE	208-230/1/60	6,910	*Z*010L6C	ZF05KAE	6,460	**O160L4SD	ZF05KAE	6,360	*QZA015L8-HS2	ZF05KAE	6,810
XFAL-010Z-TFC-081	ZF05KAE	208-230/3/60	6,910	*Z*010L6D	ZF05KAE	6,460	**O160L4SE	ZF05KAE	6,360	*QZA015L8-HT3	ZF05KAE	6,810
XFAP-017Z-CFV-081	ZS11KAE	208-230/1/60	7,100									
XFAP-017Z-TFC-081	ZS11KAE	208-230/3/60	7,100									
XFAP-020Z-CFV-081	ZS13KAE	208-230/1/60	June, 2018									
XFAP-020Z-TFC-081	ZS13KAE	208-230/3/60	June, 2018									
XFAP-022Z-CFV-081	ZS15KAE	208-230/1/60	9,640	*B*022L6B	ZF07K4E	9,620	**O230L4SD	ZF07KAE	9,980	*QZA020L8-HS2	ZF06K4E	9,860
XFAP-022Z-TFC-081	ZS15KAE	208-230/3/60	9,640	*B*022L6C	ZF07K4E	9,620	**O230L4SE	ZF07KAE	9,980	*QZA020L8-HT3	ZF06K4E	9,860
XFAP-025Z-CFV-081	ZS19KAE	208-230/1/60	June, 2018									
XFAP-025Z-TFC-081	ZS19KAE	208-230/3/60	June, 2018									
XFAL-012Z-CFV-081	ZF07KAE	208-230/1/60	10,600	*B*025L6B	ZF08K4E	11,880	**O250L4SD	ZF08K4E	11,910	*QZA025L8-HS2	ZF08K4E	12,530
XFAL-012Z-TFC-081	ZF07KAE	208-230/3/60	10,600	*B*025L6C	ZF08K4E	11,880	**O250L4SE	ZF08K4E	11,910	*QZA025L8-HT3	ZF08K4E	12,530
XFAL-020Z-CFV-081	ZX106KCE	208-230/1/60	13,140	*B*030L6B	ZF09K4E	13,220	**O300L4SD	ZF09K4E	13,130	*QZA030L8-HS2	ZF09K4E	13,720
XFAL-020Z-TFC-081	ZX106KCE	208-230/3/60	13,140	*B*030L6C	ZF09K4E	13,220	**O300L4SE	ZF09K4E	13,130	*QZA030L8-HT3	ZF09K4E	13,720
XFAP-030Z-CFV-081	ZS21KAE	208-230/1/60	14,200	*B*035L6B	ZF11K4E	15,810	**O350L4SD	ZF11K4E	15,830	*QZA035L8-HS2	ZF11K4E	16,410
XFAP-030Z-TFC-081	ZS21KAE	208-230/3/60	14,200	*B*035L6C	ZF11K4E	15,810	**O350L4SE	ZF11K4E	15,830	*QZA035L8-HT3	ZF11K4E	16,410
XFAP-033Z-CFV-081	ZS26KAE	208-230/1/60	June, 2018									
XFAP-033Z-TFC-081	ZS26KAE	208-230/3/60	June, 2018									
XFAP-037Z-CFV-081	ZS29KAE	208-230/1/60	June, 2018									
XFAP-037Z-TFC-081	ZS29KAE	208-230/3/60	June, 2018									
XFAL-030Z-TFC-081	ZX109KCE	208-230/3/60	17,170									
XFAP-045Z-CFV-081	ZS33KAE	208-230/1/60	19,700									
XFAP-045Z-TFC-081	ZS33KAE	208-230/3/60	19,700	*B*045L6C	ZF13K4E	19,380	**O400L4SE	ZF13K4E	19,190	*QZA045L8-HT3	ZF13K4E	20,630
XFAL-035Z-CFV-081	ZX111KCE	208-230/1/60	19,700	*B*045L6B	ZF13K4E	19,380	**O400L4SD	ZF13K4E	19,190	*QZA045L8-HS2	ZF13K4E	20,630
XFAP-050Z-CFV-081	ZS38K4E	208-230/1/60	23,800	*B*055L6B	ZF15L4E	23,520	**O500L4SD	ZF15K4E	23,200			
XFAP-050Z-TFC-081	ZS38K4E	208-230/3/60	23,800	*B*055L6C	ZF15L4E	23,520	**O500L4SE	ZF15K4E	23,200			
XFAL-040Z-CFV-081	ZX114KCE	208-230/1/60	24,740							*QZA055L8-HS2	ZF15K4E	24,590
XFAL-040Z-TFC-081	ZX114KCE	208-230/3/60	24,740							*QZA055L8-HT3	ZF15K4E	24,590
XFAL-050Z-CFV-081	ZX115KCE	208-230/1/60	27,570									
XFAL-050Z-TFC-081	ZX115KCE	208-230/3/60	27,570	*B*060L6C	ZF18K4E	27,230	**O600L4SE	ZF18K4E	26,560	*QZA060L8-HT3	ZF18K4E	29,170
XFAP-060Z-TFC-081	ZS45K4E	208-230/3/60	28,300									
XFAL-060Z-TFC-081	ZX118KCE	208-230/3/60	34,700									

XFAP models require R-404A to operate Low Temp conditions.

Competitive capacity values sourced from publicly available published data. For reference only.

XFAL Competitive Cross (R-407A, R-407C, R-448A/449A)

Emerson (Copeland)						Heatcraft (Bohn, Chandler, Climate Control, Larkin)					HTPG (ColdZone, Kramer, Russell, Witt)					United (Keep-Rite, Trenton)				
Model	compressor	Voltage	Capacity @ -10/90 Amb			Model	compressor	Capacity @ -10/90 Amb			Model	compressor	Capacity @ -10/90 Amb			Model	compressor	Capacity @ -10/90 Amb		
			R-407A	R-407C	R-448A / 449A			R-407A	R-407C	R-448A / 449A			R-407A	R-407C	R-448A / 449A			R-407A	R-407C	R-448A / 449A
XFAL-008Z-CFV-081	ZF03KAE	208-230/1/60	3,620		3,770	*Z*006L6B	ZF03KAE	3,650	3,200	3,610	**O100L4SD	ZF03KAE	3,240	3,060	3,400	*QZA008L8-HS2	ZF03KAE	3,870	-	4,050
XFAL-008Z-TFC-081	ZF03KAE	208-230/3/60	3,620		3,770	*Z*006L6C	ZF03KAE	3,650	3,200	3,610	**O100L4SE	ZF03KAE	3,240	3,060	3,400	*QZA008L8-HT3	ZF03KAE	3,870	-	4,050
XFAL-009Z-CFV-081	ZF04KAE	208-230/1/60	4,950		5,150	*Z*008L6C	ZF04KAE	4,910	4,300	4,860	**O130L4SD	ZF04KAE	4,450	4,160	4,670	*QZA010L8-HS2	ZF04KAE	5,230	-	5,480
XFAL-009Z-TFC-081	ZF04KAE	208-230/3/60	4,950		5,150	*Z*008L6D	ZF04KAE	4,910	4,300	4,860	**O130L4SE	ZF04KAE	4,450	4,160	4,670	*QZA010L8-HT3	ZF04KAE	5,230	-	5,480
XFAL-010Z-CFV-081	ZF05KAE	208-230/1/60	5,860		6,100	*Z*010L6C	ZF05KAE	5,740	5,060	5,700	**O160L4SD	ZF05KAE	5,300	4,980	5,570	*QZA015L8-HS2	ZF05KAE	6,130	-	6,450
XFAL-010Z-TFC-081	ZF05KAE	208-230/3/60	5,860		6,100	*Z*010L6D	ZF05KAE	5,740	5,060	5,700	**O160L4SE	ZF05KAE	5,300	4,980	5,570	*QZA015L8-HT3	ZF05KAE	6,130	-	6,450
XFAL-012Z-CFV-081	ZF07KAE	208-230/1/60	9,130		9,180	*B*022L6B	ZF07K4E	8,620	7,510	8,340	**O230L4SD	ZF07KAE	8,430	7,680	8,500	*QZA020L8-HS2	ZF06K4E	9,000	-	9,200
XFAL-012Z-TFC-081	ZF07KAE	208-230/3/60	9,130		9,180	*B*022L6C	ZF07K4E	8,620	7,510	8,340	**O230L4SE	ZF07KAE	8,430	7,680	8,500	*QZA020L8-HT3	ZF06K4E	9,000	-	9,200
						*B*025L6B	ZF08K4E	10,450	-	10,270	**O250L4SD	ZF08K4E	10,170	9,610	10,590	*QZA025L8-HS2	ZF08K4E	11,100	-	11,700
						*B*025L6C	ZF08K4E	10,450	-	10,270	**O250L4SE	ZF08K4E	10,170	9,610	10,590	*QZA025L8-HT3	ZF08K4E	11,100	-	11,700
XFAL-020Z-CFV-081	ZXI06KCE	208-230/1/60	9,453	9,407	11,488	*B*030L6B	ZF09K4E	11,570	10,260	11,250	**O300L4SD	ZF09K4E	11,470	10,840	11,830	*QZA030L8-HS2	ZF09K4E	12,500	-	12,900
XFAL-020Z-TFC-081	ZXI06KCE	208-230/3/60	9,453	9,407	11,488	*B*030L6C	ZF09K4E	11,570	10,260	11,250	**O300L4SE	ZF09K4E	11,470	10,840	11,830	*QZA030L8-HT3	ZF09K4E	12,500	-	12,900
						*B*035L6B	ZF11K4E	13,730	12,360	13,510	**O350L4SD	ZF11K4E	14,210	13,420	14,640	*QZA035L8-HS2	ZF11K4E	15,200	-	15,800
						*B*035L6C	ZF11K4E	13,730	12,360	13,510	**O350L4SE	ZF11K4E	14,210	13,420	14,640	*QZA035L8-HT3	ZF11K4E	15,200	-	15,800
XFAL-030Z-TFC-081	ZXI09KCE	208-230/1/60	13,575	12,265	14,341	*B*045L6C	ZF13K4E	17,140	14,870	16,980	**O400L4SE	ZF13K4E	16,440	15,330	17,610	*QZA045L8-HT3	ZF13K4E	18,200	-	19,300
XFAL-035Z-CFV-081	ZXI11KCE	208-230/3/60	16,685	15,076	17,389	*B*045L6B	ZF13K4E	17,140	14,870	16,980	**O400L4SD	ZF13K4E	16,440	15,330	17,610	*QZA045L8-HS2	ZF13K4E	18,200	-	19,300
XFAL-040Z-CFV-081	ZXI14KCE	208-230/1/60	21,664	20,208	23,490	*B*055L6B	ZF15L4E	20,370	17,870	20,200	**O500L4SD	ZF15K4E	20,070	18,760	21,540	*QZA055L8-HS2	ZF15K4E	21,900	-	23,300
XFAL-040Z-TFC-081	ZXI14KCE	208-230/3/60	21,664	20,208	23,490	*B*055L6C	ZF15L4E	20,370	17,870	20,200	**O500L4SE	ZF15K4E	20,070	18,760	21,540	*QZA055L8-HT3	ZF15K4E	21,900	-	23,300
XFAL-050Z-CFV-081	ZXI15KCE	208-230/1/60	22,698	21,233	26,337													-		
XFAL-050Z-TFC-081	ZXI15KCE	208-230/3/60	23,545	23,939	24,664	*B*060L6C	ZF18K4E	23,840	21,000	23,440	**O600L4SE	ZF18K4E	24,110	22,510	25,830	*QZA060L8-HT3	ZF18K4E	26,500	-	28,000
XFAL-060Z-TFC-081	ZXI18KCE	208-230/3/60	29,902	26,023	28,252													-		

Competitive capacity sourced from publicly available published data. For reference only.