

MSO Serisi

MSO Serie



Belirtilen kapasiteler EBM, Ziehl-Abegg ve muadili fanlara göre hesaplanmıştır.
 Capacities are calculated according to EBM or Ziehl-Abegg or equivalent brand fans.

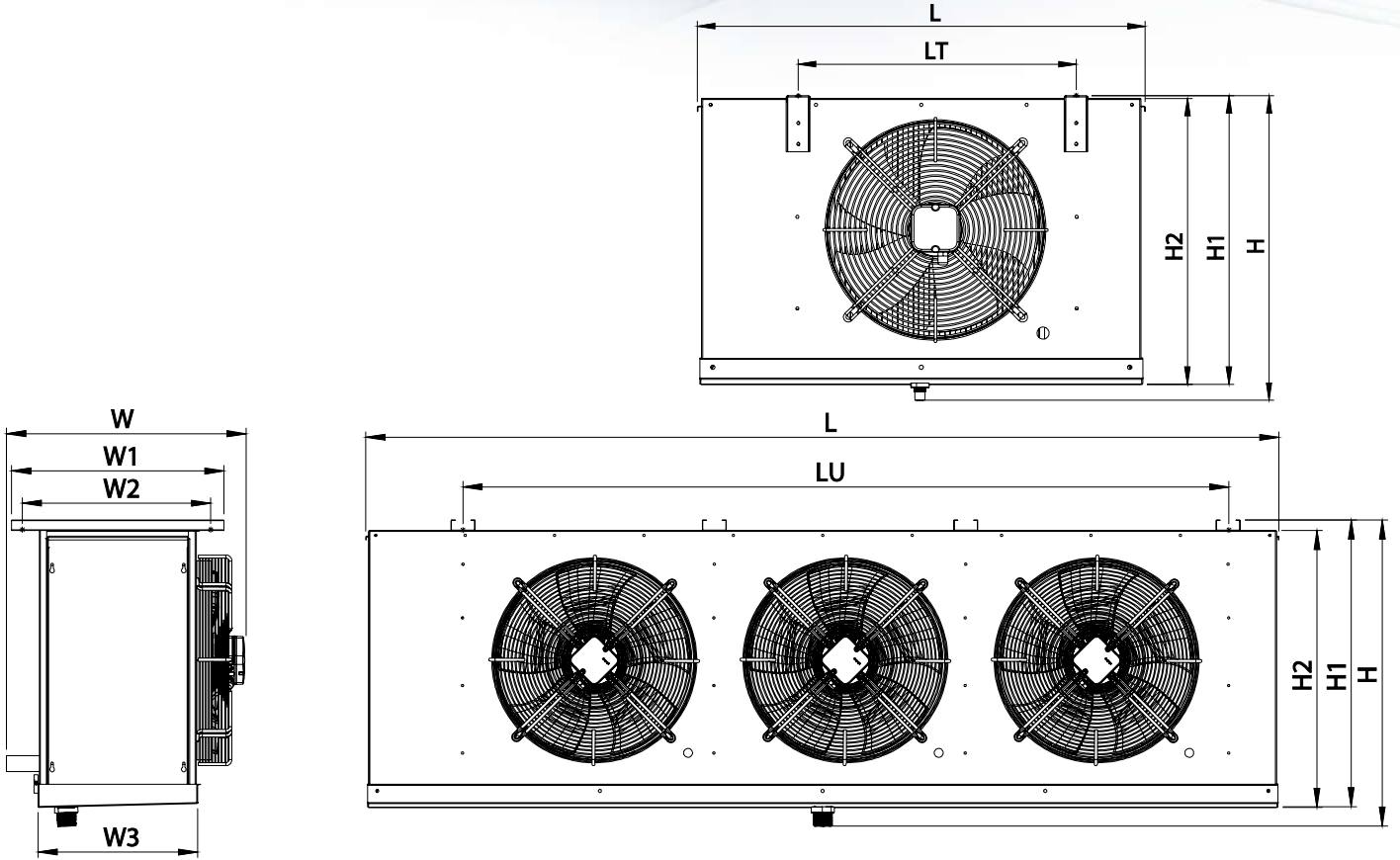
Batarya Özellikleri

Heat Exchanger Specifications

Bakır Boru / Copper Pipe : 1/2"

Hatve / Fin Spacing : 10 mm

Model Model	Yüzey Area	Boru Hacmi Tube Volume	Kapasite Capacity				Fanlar Fans 230V AC 1300-1400 d/d-rpm					Üfleme Mesafesi Air Throw			
			SC1	SC2	SC3	SC4	Hava Debişi Air Flow	Fan Sayısı Number of Fan	Fan Çapı Fan Diameter	Toplam Fan Gücü Total Fan Elect. Power	Ses Basıncı Seviyesi Sound Pressure Level	Yönlendirilsiz Without Streamer	Akış Yönlendiricili With Streamer		
			Te = 0°C T0 = +10°C	Te = -8°C T0 = 0°C	Te = -25°C T0 = -18°C	Te = -31°C T0 = -25°C								(m ³ /h)	(n)
MSO45 311	27,57	10,58	15.480	10.485	8.385	6.750	15.120	3	450	735	52	16	33		
MSO45 312	36,76	14,10	19.470	13.185	10.545	8.490	14.730		450	735	52	15	32		
MSO45 314	55,14	21,15	26.130	17.700	14.160	11.400	13.995		450	735	52	14	31		
MSO45 315	73,52	28,20	31.245	21.165	16.920	13.635	13.350		450	735	52	14	29		
MSO50 311	27,57	10,57	18.960	12.840	10.270	8.270	22.650		500	1.770	61	21	45		
MSO50 312	36,76	14,10	23.230	15.730	12.580	10.130	21.480		500	1.770	61	20	43		
MSO50 314	55,14	21,15	31.500	21.340	17.020	13.700	19.290		500	1.770	61	18	38		
MSO50 315	73,52	28,20	37.710	25.540	20.430	16.450	17.450		500	1.770	61	16	35		
MSO45 411	36,76	14,10	20.640	13.980	11.180	9.000	20.160		4	450	980	53	16	33	
MSO45 412	49,01	18,80	25.960	17.580	14.060	11.320	19.640			450	980	53	15	32	
MSO45 414	73,52	28,20	34.840	23.600	18.880	15.200	18.660			450	980	53	14	31	
MSO45 415	98,03	37,60	42.096	28.874	21.055	18.180	17.800			450	980	53	14	29	
MSO50 411	36,76	14,10	25.000	16.930	13.540	10.900	30.200	500		2.360	62	21	45		
MSO50 412	49,01	18,80	30.770	20.803	16.455	13.510	28.640	500		2.360	62	20	43		
MSO50 414	73,52	28,20	42.400	28.700	22.900	18.500	25.720	500		2.360	62	18	38		
MSO50 415	98,03	37,60	48.879	33.896	27.240	21.930	23.270	500		2.360	62	16	35		
								Fanlar / Fans 400V AC 880 d/d-rpm							
	(m ²)	(dm ³)	(Watt)	(Watt)	(Watt)	(Watt)	(m ³ /h)	(n)		(Ø mm)	(Watt)	dB(A)	(m)	(m)	
MSO63 212	58,91	22,60	28.825	19.432	14.638	12.334	19.740	2		630	1.220	70	21	44	
MSO63 214	88,36	33,90	38.275	25.990	20.400	16.277	18.772			630	1.220	70	20	42	
MSO63 312	88,37	33,90	43.238	29.148	21.957	18.501	29.610	3	630	1.830	72	21	44		
MSO63 314	132,54	50,85	57.413	38.985	30.600	24.416	28.158		630	1.830	72	20	42		
MSO63 412	117,82	45,20	57.650	38.864	29.276	24.668	39.480	4	630	2.440	73	21	44		
MSO63 414	176,72	67,80	78.540	53.596	38.793	32.554	37.544		630	2.440	73	20	42		
MSO63 512	147,28	56,50	72.063	48.580	36.595	30.835	49.350	5	630	3.050	74	21	44		
MSO63 514	220,90	84,75	95.924	65.780	45.369	40.693	46.930		630	3.050	74	20	42		



Model Model	Defrost Isıtıcılar Electric Defrost Heater			Boyutlar Dimensions										Bağlantılar Connections		Enerji Sınıfı Energy Consumption
	B1		B2	L	H	W	LT	LU	H1	H2	W1	W2	W3	Giriş Input	Çıkış Output	
	Batarya Coil	Batarya Coil	Tava D. Tray													
	(nxW)	(nxW)	(nxW)													
MSO45 311	5x1050	5x1050	2x1050	237	80	56	-	198	75	72	49	45	34	22	35	D
MSO45 312	6x1050	6x1050	2x1050	237	80	56	-	198	75	72	49	45	34	22	35	C
MSO45 314	8x1050	8x1050	2x1050	237	80	62	-	198	75	72	55	51	41	22	42	B
MSO45 315	9x1050	9x1050	2x1050	237	80	71	-	198	75	72	63	59	49	22	54	B
MSO50 311	5x1050	5x1050	2x1050	237	80	56	-	198	75	72	49	45	34	22	35	E
MSO50 312	6x1050	6x1050	2x1050	237	80	56	-	198	75	72	49	45	34	22	35	E
MSO50 314	8x1050	8x1050	2x1050	237	80	62	-	198	75	72	55	51	41	22	42	D
MSO50 315	9x1050	9x1050	2x1050	237	80	71	-	198	75	72	63	59	49	28	54	D
MSO45 411	5X1350	5X1350	2X1350	302	80	56	-	-	75	72	49	45	34	22	35	D
MSO45 412	6X1350	6X1350	2X1350	302	80	56	-	-	75	72	49	45	34	22	42	C
MSO45 414	8X1350	8X1350	2X1350	302	80	62	-	-	75	72	55	51	41	22	42	B
MSO45 415	9X1350	9X1350	2X1350	302	80	71	-	-	75	72	63	59	49	28	54	B
MSO50 411	5X1350	5X1350	2X1350	302	80	56	-	-	75	72	49	45	34	22	42	E
MSO50 412	6X1350	6X1350	2X1350	302	80	56	-	-	75	72	49	45	34	22	42	E
MSO50 414	8X1350	8X1350	2X1350	302	80	62	-	-	75	72	55	51	41	28	42	D
MSO50 415	9X1350	9X1350	2X1350	302	80	71	-	-	75	72	63	59	49	28	54	D
	(nxW)	(nxW)	(nxW)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(cm)	(mm/")	(mm/")	
MSO63 212	8X1050	8X1050	2X1050	242	118	72	-	-	113	108	70	65	41	22	54	D
MSO63 214	10X1050	10X1050	2X1050	242	118	81	-	-	113	108	78	73	49	22	54	C
MSO63 312	8X1550	8X1550	2X1550	342	118	72	-	303	113	108	70	65	41	22	64	D
MSO63 314	10X1550	10X1550	2X1550	342	118	81	-	303	113	108	78	73	49	28	64	C
MSO63 412	8X2050	8X2050	2X2050	442	118	72	-	-	113	108	70	65	41	28	64	D
MSO63 414	10X2050	10X2050	2X2050	442	118	81	-	-	113	108	78	73	49	35	64	C
MSO63 512	8X2550	8X2550	2X2550	542	118	72	-	-	113	108	70	65	41	35	64	D
MSO63 514	10X2550	10X2550	2X2550	542	118	81	-	-	113	108	78	73	49	35	64	C