

# MISTRAL

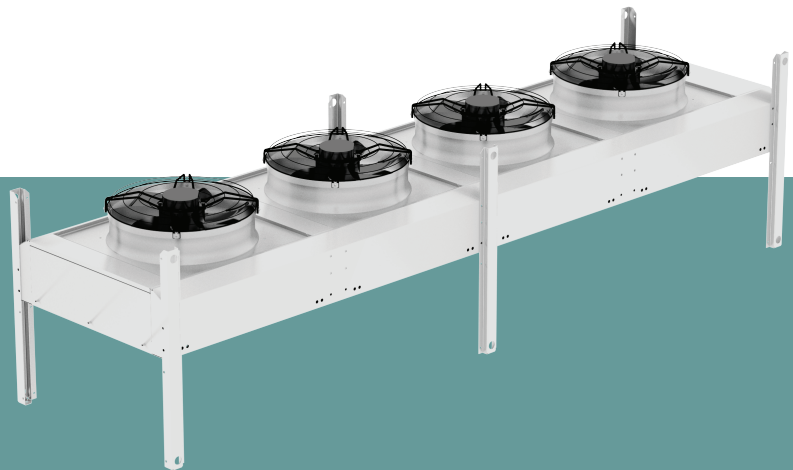
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Air-cooled condensers and drycoolers

Refrigeration, air conditioning and process applications

For standard refrigerants, NH<sub>3</sub> and CO<sub>2</sub>

**Capacity: 5-1500kW**



**MISTRAL 35**

**MISTRAL 50**

**MISTRAL 63**

**MISTRAL-L 63**

**MISTRAL 80**

**MISTRAL-L 80**

**MISTRAL-L 90**

**MISTRAL-XL 90**

**MISTRAL-L 100**

**MISTRAL-XL 100**

**KALTRA**

# MISTRAL

Air-cooled condensers and drycoolers

[www.kaltra.de](http://www.kaltra.de)

## MISTRAL 35

## MISTRAL 50

## MISTRAL 63

## MISTRAL-L 63

## MISTRAL 80

## MISTRAL-L 80

## MISTRAL-L 90

## MISTRAL-XL 90

## MISTRAL-L 100

## MISTRAL-XL 100

- 3-year warranty period
- High efficiency up to 6kW/l
- 15% less refrigerant charge compared to leading competitors
- Robust frame and paneling
- Easy access for service and maintenance
- High efficient fan vanes and diffusers
- Reduced noise levels



The development of Kaltra products and services is continuous and the information in this document may not be up to date  
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**KALTRA**

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# MISTRAL 35

Air-cooled condensers and drycoolers

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<p>Ø 350 mm</p> <p>FAN DIAMETER</p>
<p>5 ÷ 60 kW</p> <p>CAPACITY DT-15°C</p>
<p>1 - 6</p> <p>NUMBER OF FANS</p>

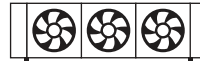
**MISTRAL 35-1**



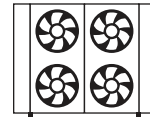
**MISTRAL 35-2**



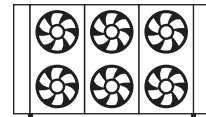
**MISTRAL 35-3**



**MISTRAL 35-2.2**

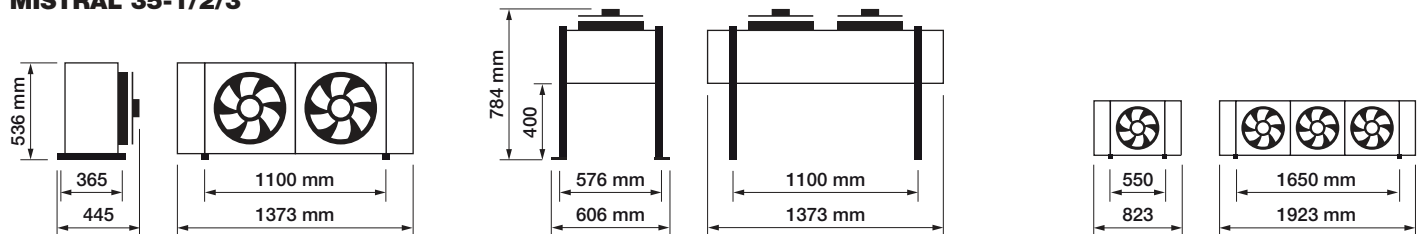


**MISTRAL 35-3.2**

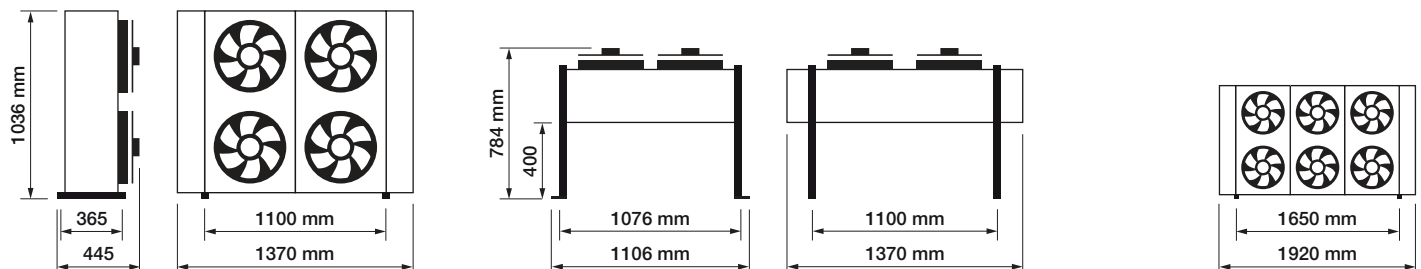


## DIMENSIONS

**MISTRAL 35-1/2/3**



**MISTRAL 35-2.2/3.2**



## UNIT IDENTIFICATION

**MISTRAL** | **L** | **C** | **35** | **2.2** | **B** | **4D** | **EC** | **H**

<b>MISTRAL</b>	Air-cooled condensers and drycoolers
<b>L</b>	not present = std coil length   <b>L</b> = large coil <b>XL</b> = extra large coil
<b>C</b>	<b>C</b> = condenser   <b>W</b> = dry cooler
<b>35</b>	fan diameter 350 mm

<b>2.2</b>	fan number = 2 x 2 = 4
<b>B</b>	<b>A - B - C</b> = coil type
<b>4D</b>	<b>4</b> = electric motor poles   <b>D - Y - S</b> = motor type
<b>EC</b>	electronic motor if present
<b>H</b>	<b>H</b> = Horizontal Air Flow   <b>V</b> = Vertical Air flow

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# MISTRAL 35

Air-cooled condensers and drycoolers

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1 PH 4 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL C 35-1 A 4	7,7	10,9	2650	38	1x1	350	1340	165	0,7	0,9	19	16	16
MISTRAL C 35-1 B 4	9,9	16,4	2450	38	1x1	350	1340	165	0,7	1,4	20	16	16
MISTRAL C 35-2 A 4	15,8	21,8	5300	41	1x2	350	1340	330	1,5	1,8	34	22	18
MISTRAL C 35-2 B 4	19,1	32,7	4900	41	1x2	350	1340	330	1,5	2,7	37	22	18
MISTRAL C 35-3 A 4	23,6	32,7	7950	42	1x3	350	1340	495	2,2	2,7	49	22	18
MISTRAL C 35-3 B 4	29,8	49,1	7400	42	1x3	350	1340	495	2,2	4,0	54	28	22
MISTRAL C 35-2.2 A 4	31,6	43,7	10600	44	2x2	350	1340	660	2,9	3,6	59	22	18
MISTRAL C 35-2.2 B 4	39,1	65,5	9850	44	2x2	350	1340	660	2,9	5,3	66	28	22
MISTRAL C 35-3.2 A 4	47,2	65,4	15900	45	2x3	350	1340	990	4,4	5,3	86	28	22
MISTRAL C 35-3.2 B 4	58,3	98,2	14750	45	2x3	350	1340	990	4,4	8,0	96	35	28

1 PH 6 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL C 35-1 A 6	5,7	10,9	1700	31	1x1	350	930	67	0,3	0,9	19	16	16
MISTRAL C 35-1 B 6	6,9	16,4	1550	31	1x1	350	930	67	0,3	1,4	20	16	16
MISTRAL C 35-2 A 6	11,8	21,8	3400	34	1x2	350	930	134	0,6	1,8	34	22	18
MISTRAL C 35-2 B 6	13,5	32,7	3150	34	1x2	350	930	134	0,6	2,7	37	22	18
MISTRAL C 35-3 A 6	17,4	32,7	5100	35	1x3	350	930	201	1,0	2,7	49	22	18
MISTRAL C 35-3 B 6	20,7	49,1	4700	35	1x3	350	930	201	1,0	4,0	54	28	22
MISTRAL C 35-2.2 A 6	23,5	43,7	6800	37	2x2	350	930	268	1,3	3,6	59	22	18
MISTRAL C 35-2.2 B 6	27,4	65,5	6250	37	2x2	350	930	268	1,3	5,3	66	28	22
MISTRAL C 35-3.2 A 6	35,3	65,4	10200	38	2x3	350	930	402	1,9	5,3	86	28	22
MISTRAL C 35-3.2 B 6	40,9	98,2	9400	38	2x3	350	930	402	1,9	8,0	96	35	28

Capacity: R404A Tc=40°C Ts=65°C Ta=25°C

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# MISTRAL 50

Air-cooled condensers and drycoolers

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Ø 500 mm

FAN DIAMETER

12 ÷ 240 kW

CAPACITY DT-15°C

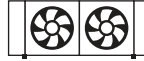
1 - 8

NUMBER OF FANS

MISTRAL 50-1



MISTRAL 50-2



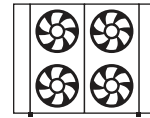
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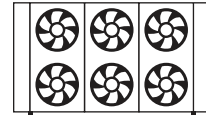
MISTRAL 50-4



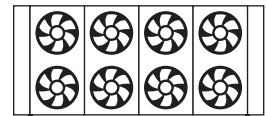
MISTRAL 50-2.2



MISTRAL 50-3.2

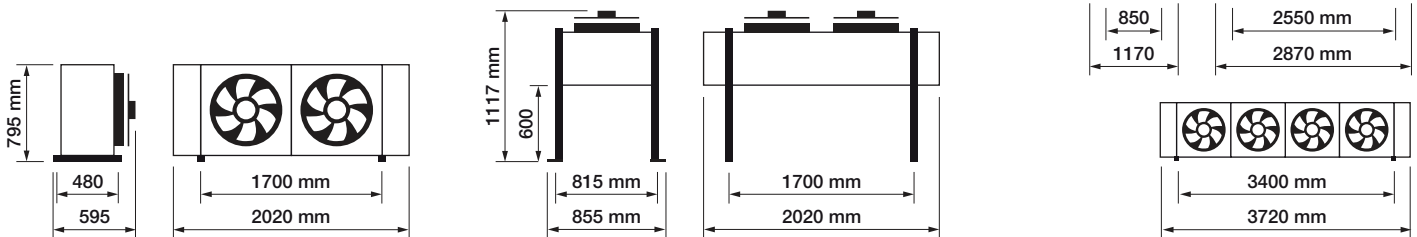


MISTRAL 50-3.4

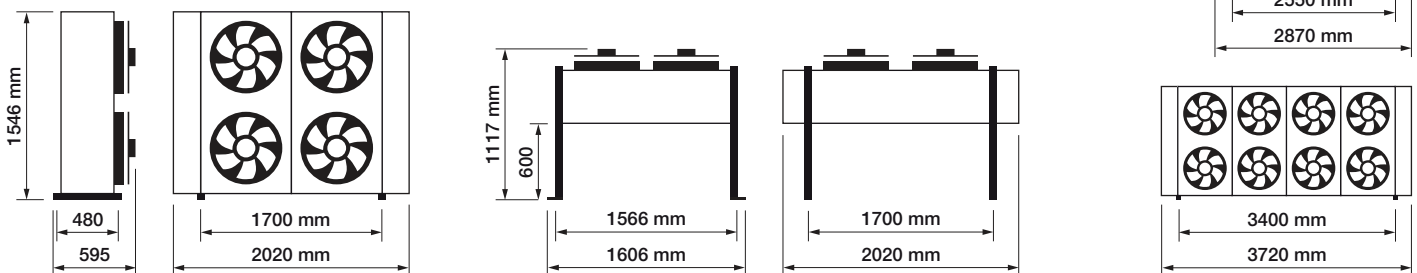


## DIMENSIONS

MISTRAL 50-1/2/3/4



MISTRAL 50-2.2/3.2/4.2



## UNIT IDENTIFICATION

MISTRAL L C 50 2.2 B 4D EC H

**MISTRAL** Air-cooled condensers and drycoolers

**L** not present = std coil length | **L** = large coil  
**XL** = extra large coil

**C** **C** = condenser | **W** = dry cooler

**50** fan diameter 500 mm

**2.2** fan number = 2 x 2 = 4

**B** **A - B - C** = coil type

**4D** **4** = electric motor poles | **D - Y - S** = motor type

**EC** electronic motor if present

**H** **H** = Horizontal Air Flow | **V** = Vertical Air flow

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**KALTRA**

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# MISTRAL 50

Air-cooled condensers and drycoolers

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3 PH 4 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL C 50-1 A 4	21,1	25,3	7700	44	1x1	500	1390	720	1,41	2,1	48	22,0	18
MISTRAL C 50-1 B 4	27,2	38,0	7250	44	1x1	500	1390	720	1,41	3,1	52	22,0	18
MISTRAL C 50-1 C 4	29,3	50,6	6850	44	1x1	500	1390	720	1,41	4,1	56	28,0	22
MISTRAL C 50-2 A 4	42,2	50,6	15350	47	1x2	500	1390	1440	2,82	4,1	88	28,0	22
MISTRAL C 50-2 B 4	55,3	75,8	14500	47	1x2	500	1390	1440	2,82	6,2	96	35,0	28
MISTRAL C 50-2 C 4	59,7	101,2	13700	47	1x2	500	1390	1440	2,82	8,2	103	35,0	28
MISTRAL C 50-3 A 4	61,5	75,9	23050	48	1x3	500	1390	2160	4,23	6,2	128	35,0	28
MISTRAL C 50-3 B 4	83,4	113,9	21750	48	1x3	500	1390	2160	4,23	9,2	140	42,0	35
MISTRAL C 50-3 C 4	90,2	151,8	20600	48	1x3	500	1390	2160	4,23	12,3	151	54,0	42
MISTRAL C 50-4 A 4	84,7	101,2	30750	49	1x4	500	1390	2880	5,64	8,2	169	35,0	28
MISTRAL C 50-4 B 4	110,9	151,8	28950	49	1x4	500	1390	2880	5,64	12,3	184	42,0	35
MISTRAL C 50-4 C 4	119,5	202,4	27450	49	1x4	500	1390	2880	5,64	16,4	200	54,0	42
MISTRAL C 50-2.2 A 4	84,5	101,2	30750	49	2x2	500	1390	2880	5,64	8,2	155	28,0	22
MISTRAL C 50-2.2 B 4	110,7	151,8	28950	49	2x2	500	1390	2880	5,64	12,3	170	35,0	28
MISTRAL C 50-2.2 C 4	119,3	202,4	27450	49	2x2	500	1390	2880	5,64	16,4	186	35,0	28
MISTRAL C 50-3.2 A 4	123,0	151,8	46100	51	2x3	500	1390	4320	8,46	12,3	226	35,0	28
MISTRAL C 50-3.2 B 4	166,8	227,7	43450	51	2x3	500	1390	4320	8,46	18,4	250	42,0	35
MISTRAL C 50-3.2 C 4	180,5	303,6	41150	51	2x3	500	1390	4320	8,46	24,5	273	54,0	42
MISTRAL C 50-4.2 A 4	169,4	202,4	61450	52	2x4	500	1390	5760	11,28	16,4	298	35,0	28
MISTRAL C 50-4.2 B 4	221,7	303,6	57950	52	2x4	500	1390	5760	11,28	24,5	330	42,0	35
MISTRAL C 50-4.2 C 4	239,0	404,9	54900	52	2x4	500	1390	5760	11,28	32,7	361	54,0	42

3 PH 6 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL C 50-1 A 6	16,1	25,3	5000	40	1x1	500	920	260	0,63	2,1	48	22,0	18
MISTRAL C 50-1 B 6	19,6	38,0	4700	40	1x1	500	920	260	0,63	3,1	52	22,0	18
MISTRAL C 50-1 C 6	20,4	50,6	4450	40	1x1	500	920	260	0,63	4,1	56	28,0	22
MISTRAL C 50-2 A 6	32,0	50,6	9950	43	1x2	500	920	520	1,26	4,1	88	28,0	22
MISTRAL C 50-2 B 6	39,6	75,8	9400	43	1x2	500	920	520	1,26	6,2	96	35,0	28
MISTRAL C 50-2 C 6	41,1	101,2	8900	43	1x2	500	920	520	1,26	8,2	103	35,0	28
MISTRAL C 50-3 A 6	46,5	75,9	14950	44	1x3	500	920	780	1,89	6,2	128	35,0	28
MISTRAL C 50-3 B 6	59,6	113,9	14050	44	1x3	500	920	780	1,89	9,2	140	42,0	35
MISTRAL C 50-3 C 6	62,0	151,8	13300	44	1x3	500	920	780	1,89	12,3	151	54,0	42
MISTRAL C 50-4 A 6	64,2	101,2	19900	45	1x4	500	920	1040	2,52	8,2	169	35,0	28
MISTRAL C 50-4 B 6	79,4	151,8	18750	45	1x4	500	920	1040	2,52	12,3	184	42,0	35
MISTRAL C 50-4 C 6	82,3	202,4	17750	45	1x4	500	920	1040	2,52	16,4	200	54,0	42
MISTRAL C 50-2.2 A 6	64,1	101,2	19900	45	2x2	500	920	1040	2,52	8,2	155	28,0	22
MISTRAL C 50-2.2 B 6	79,3	151,8	18750	45	2x2	500	920	1040	2,52	12,3	170	35,0	28
MISTRAL C 50-2.2 C 6	82,2	202,4	17750	45	2x2	500	920	1040	2,52	16,4	186	35,0	28
MISTRAL C 50-3.2 A 6	93,1	151,8	29850	47	2x3	500	920	1560	3,78	12,3	226	35,0	28
MISTRAL C 50-3.2 B 6	119,1	227,7	28150	47	2x3	500	920	1560	3,78	18,4	250	42,0	35
MISTRAL C 50-3.2 C 6	124,0	303,6	26600	47	2x3	500	920	1560	3,78	24,5	273	54,0	42
MISTRAL C 50-4.2 A 6	128,4	202,4	39800	48	2x4	500	920	2080	5,04	16,4	298	35,0	28
MISTRAL C 50-4.2 B 6	158,9	303,6	37500	48	2x4	500	920	2080	5,04	24,5	330	42,0	35
MISTRAL C 50-4.2 C 6	164,6	404,9	35500	48	2x4	500	920	2080	5,04	32,7	361	54,0	42

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# MISTRAL 50

Air-cooled condensers and drycoolers

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3 PH 8 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m <sup>2</sup>	m <sup>3</sup> /h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL C 50-1 A 8	13,7	25,3	3750	34	1x1	500	660	130	0,3	2,1	48	22,0	18
MISTRAL C 50-1 B 8	15,8	38,0	3500	34	1x1	500	660	130	0,3	3,1	52	22,0	18
MISTRAL C 50-1 C 8	15,7	50,6	3300	34	1x1	500	660	130	0,3	4,1	56	28,0	22
MISTRAL C 50-2 A 8	27,3	50,6	7450	37	1x2	500	660	260	0,6	4,1	88	28,0	22
MISTRAL C 50-2 B 8	31,7	75,8	7000	37	1x2	500	660	260	0,6	6,2	96	35,0	28
MISTRAL C 50-2 C 8	31,7	101,2	6600	37	1x2	500	660	260	0,6	8,2	103	35,0	28
MISTRAL C 50-3 A 8	39,7	75,9	11200	38	1x3	500	660	390	0,9	6,2	128	35,0	28
MISTRAL C 50-3 B 8	47,7	113,9	10500	38	1x3	500	660	390	0,9	9,2	140	42,0	35
MISTRAL C 50-3 C 8	47,8	151,8	9900	38	1x3	500	660	390	0,9	12,3	151	54,0	42
MISTRAL C 50-4 A 8	54,7	101,2	14900	39	1x4	500	660	520	1,2	8,2	169	35,0	28
MISTRAL C 50-4 B 8	63,6	151,8	14000	39	1x4	500	660	520	1,2	12,3	184	42,0	35
MISTRAL C 50-4 C 8	63,5	202,4	13200	39	1x4	500	660	520	1,2	16,4	200	54,0	42
MISTRAL C 50-2.2 A 8	54,6	101,2	14900	39	2x2	500	660	520	1,2	8,2	155	28,0	22
MISTRAL C 50-2.2 B 8	63,5	151,8	14000	39	2x2	500	660	520	1,2	12,3	170	35,0	28
MISTRAL C 50-2.2 C 8	63,5	202,4	13200	39	2x2	500	660	520	1,2	16,4	186	35,0	28
MISTRAL C 50-3.2 A 8	79,4	151,8	22400	41	2x3	500	660	780	1,8	12,3	226	35,0	28
MISTRAL C 50-3.2 B 8	95,3	227,7	21000	41	2x3	500	660	780	1,8	18,4	250	42,0	35
MISTRAL C 50-3.2 C 8	95,6	303,6	19800	41	2x3	500	660	780	1,8	24,5	273	54,0	42
MISTRAL C 50-4.2 A 8	109,4	202,4	29850	42	2x4	500	660	1040	2,4	16,4	298	35,0	28
MISTRAL C 50-4.2 B 8	127,1	303,6	27950	42	2x4	500	660	1040	2,4	24,5	330	42,0	35
MISTRAL C 50-4.2 C 8	127,1	404,9	26400	42	2x4	500	660	1040	2,4	32,7	361	54,0	42

Capacity: R404A Tc=40°C Ts=65°C Ta=25°C

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# MISTRAL 63

Air-cooled condensers and drycoolers

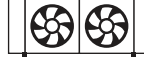
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<p>Ø 630 mm</p> <p>FAN DIAMETER</p>
<p>28 ÷ 430 kW</p> <p>CAPACITY DT-15°C</p>
<p>1 - 8</p> <p>NUMBER OF FANS</p>

**MISTRAL 63-1**



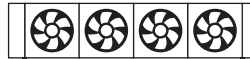
**MISTRAL 63-2**



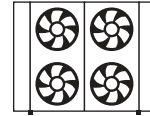
**MISTRAL 63-3**



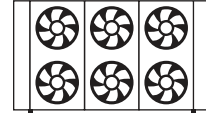
**MISTRAL 63-4**



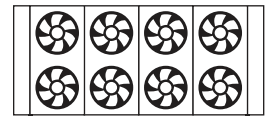
**MISTRAL 63-2.2**



**MISTRAL 63-3.2**

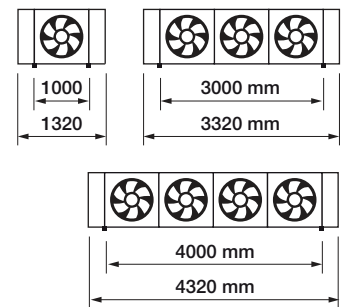
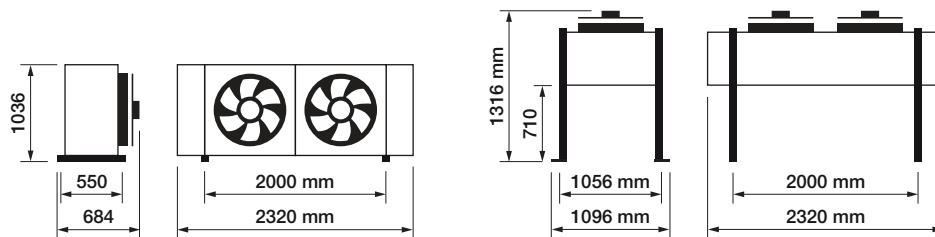


**MISTRAL 63-3.4**

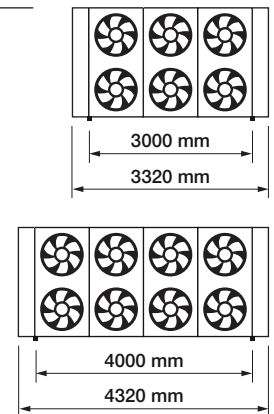
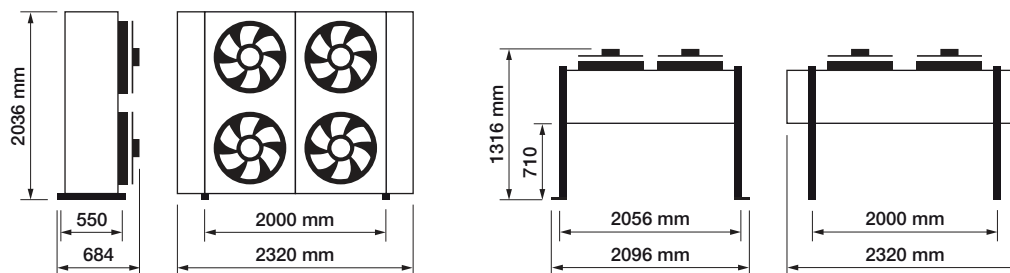


## DIMENSIONS

**MISTRAL 63-1/2/3/4**



**MISTRAL 63-2.2/3.2/4.2**



## UNIT IDENTIFICATION

MISTRAL L C 63 2.2 B 4D EC H

<b>MISTRAL</b>	Air-cooled condensers and drycoolers
<b>L</b>	not present = std coil length   L = large coil XL = extra large coil
<b>C</b>	C = condenser   W = dry cooler
<b>63</b>	fan diameter 630 mm

<b>2.2</b>	fan number = 2 x 2 = 4
<b>B</b>	A - B - C = coil type
<b>4D</b>	4 = electric motor poles   D - Y - S = motor type
<b>EC</b>	electronic motor if present
<b>H</b>	H = Horizontal Air Flow   V = Vertical Air flow

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# MISTRAL 63

Air-cooled condensers and drycoolers

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3 PH 4 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL C 63-1 A 4	36,8	39,7	14250	50	1x1	630	1310	1970	3,4	3,3	72	28,0	22
MISTRAL C 63-1 B 4	48,5	59,5	13500	50	1x1	630	1310	1970	3,4	4,9	78	28,0	22
MISTRAL C 63-1 C 4	53,2	79,4	12800	50	1x1	630	1310	1970	3,4	6,5	84	35,0	28
MISTRAL C 63-2 A 4	74,0	79,4	28550	52	1x2	630	1310	3940	6,8	6,5	134	35,0	28
MISTRAL C 63-2 B 4	97,6	119,1	26950	52	1x2	630	1310	3940	6,8	9,7	147	35,0	28
MISTRAL C 63-2 C 4	106,8	158,8	25550	52	1x2	630	1310	3940	6,8	12,9	159	42,0	35
MISTRAL C 63-3 A 4	109,7	119,1	42800	54	1x3	630	1310	5910	10,2	9,7	197	35,0	28
MISTRAL C 63-3 B 4	148,6	178,6	40450	54	1x3	630	1310	5910	10,2	14,5	216	42,0	35
MISTRAL C 63-3 C 4	162,8	238,2	38350	54	1x3	630	1310	5910	10,2	19,3	234	54,0	42
MISTRAL C 63-4 A 4	148,4	158,8	57050	55	1x4	630	1310	7880	13,6	12,9	261	42,0	35
MISTRAL C 63-4 B 4	195,6	238,2	53900	55	1x4	630	1310	7880	13,6	19,3	285	54,0	42
MISTRAL C 63-4 C 4	214,0	317,5	51100	55	1x4	630	1310	7880	13,6	25,7	309	64,0	54
MISTRAL C 63-2.2 A 4	148,0	158,8	57050	55	2x2	630	1310	7880	13,6	12,9	245	35,0	28
MISTRAL C 63-2.2 B 4	195,1	238,2	53900	55	2x2	630	1310	7880	13,6	19,3	269	35,0	28
MISTRAL C 63-2.2 C 4	213,5	317,5	51100	55	2x2	630	1310	7880	13,6	25,7	294	42,0	35
MISTRAL C 63-3.2 A 4	219,3	238,2	85600	57	2x3	630	1310	11820	20,4	19,3	360	35,0	28
MISTRAL C 63-3.2 B 4	297,1	357,2	80850	57	2x3	630	1310	11820	20,4	28,9	397	42,0	35
MISTRAL C 63-3.2 C 4	325,5	476,3	76700	57	2x3	630	1310	11820	20,4	38,5	433	42,0	28
MISTRAL C 63-4.2 A 4	296,8	317,5	114100	58	2x4	630	1310	15760	27,2	25,7	476	42,0	35
MISTRAL C 63-4.2 B 4	391,2	476,3	107800	58	2x4	630	1310	15760	27,2	38,5	525	54,0	42
MISTRAL C 63-4.2 C 4	427,9	635,1	102250	58	2x4	630	1310	15760	27,2	51,3	574	64,0	54

3 PH 6 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL C 63-1 A 6	28,4	39,7	9250	39	1x1	630	890	600	1,2	3,3	72	28,0	22
MISTRAL C 63-1 B 6	35,5	59,5	8700	39	1x1	630	890	600	1,2	4,9	78	28,0	22
MISTRAL C 63-1 C 6	37,3	79,4	8250	39	1x1	630	890	600	1,2	6,5	84	35,0	28
MISTRAL C 63-2 A 6	57,1	79,4	18500	41	1x2	630	890	1200	2,4	6,5	134	35,0	28
MISTRAL C 63-2 B 6	71,1	119,1	17450	41	1x2	630	890	1200	2,4	9,7	147	35,0	28
MISTRAL C 63-2 C 6	74,7	158,8	16550	41	1x2	630	890	1200	2,4	12,9	159	42,0	35
MISTRAL C 63-3 A 6	84,1	119,1	27750	43	1x3	630	890	1800	3,6	9,7	197	35,0	28
MISTRAL C 63-3 B 6	107,6	178,6	26150	43	1x3	630	890	1800	3,6	14,5	216	42,0	35
MISTRAL C 63-3 C 6	113,2	238,2	24800	43	1x3	630	890	1800	3,6	19,3	234	54,0	42
MISTRAL C 63-4 A 6	114,4	158,8	37000	44	1x4	630	890	2400	4,8	12,9	261	42,0	35
MISTRAL C 63-4 B 6	142,5	238,2	34900	44	1x4	630	890	2400	4,8	19,3	285	54,0	42
MISTRAL C 63-4 C 6	149,7	317,5	33050	44	1x4	630	890	2400	4,8	25,7	309	64,0	54
MISTRAL C 63-2.2 A 6	114,1	158,8	37000	44	2x2	630	890	2400	4,8	12,9	245	35,0	28
MISTRAL C 63-2.2 B 6	142,3	238,2	34900	44	2x2	630	890	2400	4,8	19,3	269	35,0	28
MISTRAL C 63-2.2 C 6	149,5	317,5	33050	44	2x2	630	890	2400	4,8	25,7	294	42,0	35
MISTRAL C 63-3.2 A 6	168,1	238,2	55500	46	2x3	630	890	3600	7,2	19,3	360	35,0	28
MISTRAL C 63-3.2 B 6	215,2	357,2	52350	46	2x3	630	890	3600	7,2	28,9	397	42,0	35
MISTRAL C 63-3.2 C 6	226,4	476,3	49600	46	2x3	630	890	3600	7,2	38,5	433	35,0	28
MISTRAL C 63-4.2 A 6	228,7	317,5	74000	47	2x4	630	890	4800	9,6	25,7	476	42,0	35
MISTRAL C 63-4.2 B 6	285,0	476,3	69800	47	2x4	630	890	4800	9,6	38,5	525	54,0	42
MISTRAL C 63-4.2 C 6	299,3	635,1	66100	47	2x4	630	890	4800	9,6	51,3	574	64,0	54

Capacity: R404A Tc=40°C Ts=65°C Ta=25°C

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Please check the current position with Kaltra



# MISTRAL 63

Air-cooled condensers and drycoolers

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3 PH 8 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL C 63-1 A 8	21,6	39,7	5850	32	1x1	630	650	235	0,55	3,3	72	28,0	22
MISTRAL C 63-1 B 8	25,1	59,5	5550	32	1x1	630	650	235	0,55	4,9	78	28,0	22
MISTRAL C 63-1 C 8	25,3	79,4	5300	32	1x1	630	650	235	0,55	6,5	84	35,0	28
MISTRAL C 63-2 A 8	43,2	79,4	11700	34	1x2	630	650	470	1,1	6,5	134	35,0	28
MISTRAL C 63-2 B 8	50,3	119,1	11150	34	1x2	630	650	470	1,1	9,7	147	35,0	28
MISTRAL C 63-2 C 8	50,8	158,8	10600	34	1x2	630	650	470	1,1	12,9	159	42,0	35
MISTRAL C 63-3 A 8	63,6	119,1	17550	36	1x3	630	650	705	1,65	9,7	197	35,0	28
MISTRAL C 63-3 B 8	75,8	178,6	16700	36	1x3	630	650	705	1,65	14,5	216	42,0	35
MISTRAL C 63-3 C 8	76,6	238,2	15900	36	1x3	630	650	705	1,65	19,3	234	54,0	42
MISTRAL C 63-4 A 8	86,6	158,8	23400	37	1x4	630	650	940	2,2	12,9	261	42,0	35
MISTRAL C 63-4 B 8	100,7	238,2	22250	37	1x4	630	650	940	2,2	19,3	285	54,0	42
MISTRAL C 63-4 C 8	101,6	317,5	21200	37	1x4	630	650	940	2,2	25,7	309	64,0	54
MISTRAL C 63-2.2 A 8	86,5	158,8	23400	37	2x2	630	650	940	2,2	12,9	245	35,0	28
MISTRAL C 63-2.2 B 8	100,6	238,2	22250	37	2x2	630	650	940	2,2	19,3	269	35,0	28
MISTRAL C 63-2.2 C 8	101,5	317,5	21200	37	2x2	630	650	940	2,2	25,7	294	42,0	35
MISTRAL C 63-3.2 A 8	127,1	238,2	35100	39	2x3	630	650	1410	3,3	19,3	360	35,0	28
MISTRAL C 63-3.2 B 8	151,6	357,2	33400	39	2x3	630	650	1410	3,3	28,9	397	42,0	35
MISTRAL C 63-3.2 C 8	153,2	476,3	31850	39	2x3	630	650	1410	3,3	38,5	433	35,0	28
MISTRAL C 63-4.2 A 8	173,2	317,5	46800	40	2x4	630	650	1880	4,4	25,7	476	42,0	35
MISTRAL C 63-4.2 B 8	201,5	476,3	44500	40	2x4	630	650	1880	4,4	38,5	525	54,0	42
MISTRAL C 63-4.2 C 8	203,2	635,1	42450	40	2x4	630	650	1880	4,4	51,3	574	64,0	54

3 PH 12 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL C 63-1 A 12	16,7	39,7	4150	25	1x1	630	420	110	0,27	3,3	72	28	22
MISTRAL C 63-1 B 12	18,3	59,5	3900	25	1x1	630	420	110	0,27	4,9	78	28	22
MISTRAL C 63-1 C 12	17,9	79,4	3650	25	1x1	630	420	110	0,27	6,5	84	35	28
MISTRAL C 63-2 A 12	33,4	79,4	8250	27	1x2	630	420	220	0,54	6,5	134	35	28
MISTRAL C 63-2 B 12	36,7	119,1	7750	27	1x2	630	420	220	0,54	9,7	147	35	28
MISTRAL C 63-2 C 12	35,8	158,8	7350	27	1x2	630	420	220	0,54	12,9	159	42	35
MISTRAL C 63-3 A 12	49,2	119,1	12400	29	1x3	630	420	330	0,81	9,7	197	35	28
MISTRAL C 63-3 B 12	55,2	178,6	11650	29	1x3	630	420	330	0,81	14,5	216	42	35
MISTRAL C 63-3 C 12	53,9	238,2	11000	29	1x3	630	420	330	0,81	19,3	234	54	42
MISTRAL C 63-4 A 12	67,0	158,8	16550	30	1x4	630	420	440	1,08	12,9	261	42	35
MISTRAL C 63-4 B 12	73,4	238,2	15550	30	1x4	630	420	440	1,08	19,3	285	54	42
MISTRAL C 63-4 C 12	71,6	317,5	14650	30	1x4	630	420	440	1,08	25,7	309	64	54
MISTRAL C 63-2.2 A 12	66,9	158,8	16550	30	2x2	630	420	440	1,08	12,9	245	35	28
MISTRAL C 63-2.2 B 12	73,4	238,2	15550	30	2x2	630	420	440	1,08	19,3	269	35	28
MISTRAL C 63-2.2 C 12	71,6	317,5	14650	30	2x2	630	420	440	1,08	25,7	294	42	35
MISTRAL C 63-3.2 A 12	98,3	238,2	24800	32	2x3	630	420	660	1,62	19,3	360	35	28
MISTRAL C 63-3.2 B 12	110,4	357,2	23300	32	2x3	630	420	660	1,62	28,9	397	42	35
MISTRAL C 63-3.2 C 12	107,8	476,3	22000	32	2x3	630	420	660	1,62	38,5	433	35	28
MISTRAL C 63-4.2 A 12	133,9	317,5	33050	33	2x4	630	420	880	2,16	25,7	476	42	35
MISTRAL C 63-4.2 B 12	146,8	476,3	31100	33	2x4	630	420	880	2,16	38,5	525	54	42
MISTRAL C 63-4.2 C 12	143,2	635,1	29350	33	2x4	630	420	880	2,16	51,3	574	64,0	54

Capacity: R404A Tc=40°C Ts=65°C Ta=25°C

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# MISTRAL-L 63

Air-cooled condensers and drycoolers

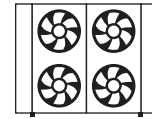
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<p>Ø 630 mm</p> <p>FAN DIAMETER</p>
<p>28 ÷ 430 kW</p> <p>CAPACITY DT-15°C</p>
<p>1 - 6</p> <p>NUMBER OF FANS</p>

**MISTRAL-L 63-1**



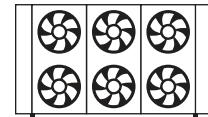
**MISTRAL-L 63-2.2**



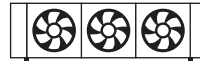
**MISTRAL-L 63-2**



**MISTRAL-L 63-3.2**

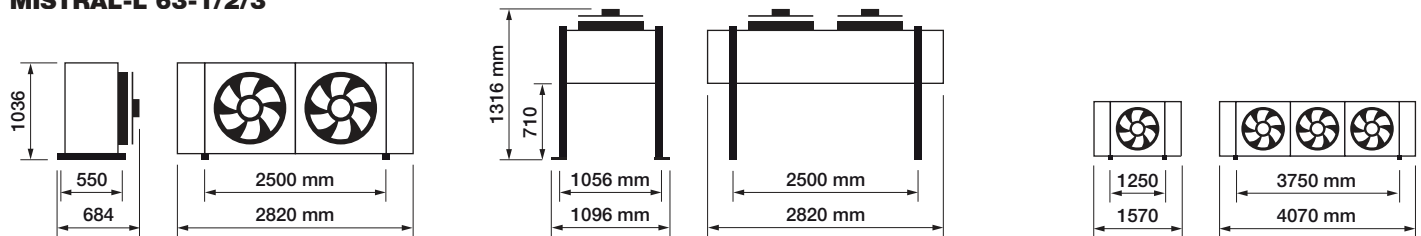


**MISTRAL-L 63-3**

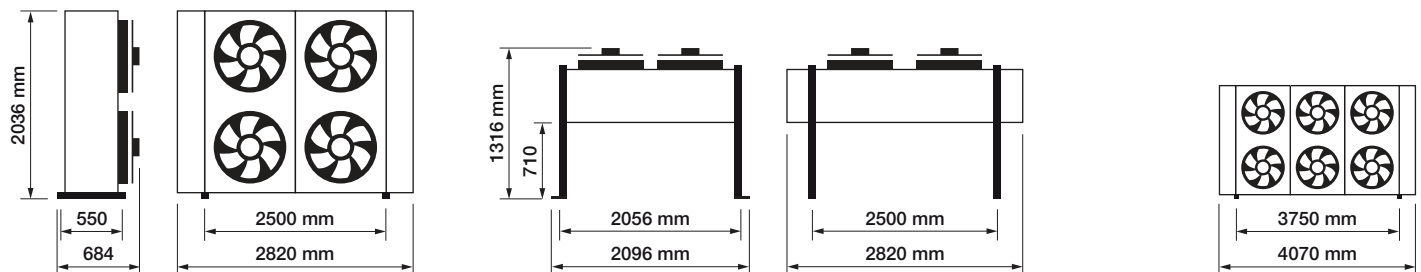


## DIMENSIONS

**MISTRAL-L 63-1/2/3**



**MISTRAL-L 63-2.2/3.2**



## UNIT IDENTIFICATION

**MISTRAL** **L** **C** **63** **2.2** **B** **4D** **EC** **H**

<b>MISTRAL</b>	Air-cooled condensers and drycoolers
<b>L</b>	not present = std coil length   <b>L</b> = large coil <b>XL</b> = extra large coil
<b>C</b>	<b>C</b> = condenser   <b>W</b> = dry cooler
<b>63</b>	fan diameter 630 mm

<b>2.2</b>	fan number = 2 x 2 = 4
<b>A</b>	<b>A - B - C</b> = coil type
<b>4 D</b>	<b>4</b> = electric motor poles   <b>D - Y - S</b> = motor type
<b>EC</b>	electronic motor if present
<b>H</b>	<b>H</b> = Horizontal Air Flow   <b>V</b> = Vertical Air flow

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# MISTRAL-L 63

Air-cooled condensers and drycoolers

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3 PH 4 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL-L C 63-1 A 4	41,0	49,6	14850	50	1x1	630	1310	1970	3,4	4,1	80	28,0	22
MISTRAL-L C 63-1 B 4	54,0	74,4	14200	50	1x1	630	1310	1970	3,4	6,1	88	28,0	22
MISTRAL-L C 63-1 C 4	57,5	99,2	13650	50	1x1	630	1310	1970	3,4	8,1	96	35,0	28
MISTRAL-L C 63-2 A 4	82,0	99,2	29650	52	1x2	630	1310	3940	6,8	8,1	152	35,0	28
MISTRAL-L C 63-2 B 4	105,7	148,8	28450	52	1x2	630	1310	3940	6,8	12,1	167	42,0	35
MISTRAL-L C 63-2 C 4	115,5	198,5	27350	52	1x2	630	1310	3940	6,8	16,1	182	42,0	35
MISTRAL-L C 63-3 A 4	124,0	148,8	44500	54	1x3	630	1310	5910	10,2	12,1	223	42,0	35
MISTRAL-L C 63-3 B 4	162,6	223,3	42650	54	1x3	630	1310	5910	10,2	18,1	246	54,0	42
MISTRAL-L C 63-3 C 4	177,3	297,7	41000	54	1x3	630	1310	5910	10,2	24,1	269	64,0	54
MISTRAL-L C 63-2.2 A 4	164,0	198,5	59350	55	2x2	630	1310	7880	13,6	16,1	274	35,0	28
MISTRAL-L C 63-2.2 B 4	211,4	297,7	56900	55	2x2	630	1310	7880	13,6	24,1	305	42,0	35
MISTRAL-L C 63-2.2 C 4	231,0	396,9	54650	55	2x2	630	1310	7880	13,6	32,1	335	42,0	35
MISTRAL-L C 63-3.2 A 4	247,9	297,7	89000	57	2x3	630	1310	11820	20,4	24,1	405	42,0	35
MISTRAL-L C 63-3.2 B 4	325,2	446,5	85300	57	2x3	630	1310	11820	20,4	36,1	450	54,0	42
MISTRAL-L C 63-3.2 C 4	354,5	595,4	82000	57	2x3	630	1310	11820	20,4	48,1	496	64,0	54

3 PH 6 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL-L C 63-1 A 6	31,2	49,6	9600	39	1x1	630	890	600	1,2	4,1	80	28,0	22
MISTRAL-L C 63-1 B 6	38,9	74,4	9200	39	1x1	630	890	600	1,2	6,1	88	28,0	22
MISTRAL-L C 63-1 C 6	40,2	99,2	8850	39	1x1	630	890	600	1,2	8,1	96	35,0	28
MISTRAL-L C 63-2 A 6	62,8	99,2	19250	41	1x2	630	890	1200	2,4	8,1	152	35,0	28
MISTRAL-L C 63-2 B 6	76,8	148,8	18450	41	1x2	630	890	1200	2,4	12,1	167	42,0	35
MISTRAL-L C 63-2 C 6	80,6	198,5	17700	41	1x2	630	890	1200	2,4	16,1	182	42,0	35
MISTRAL-L C 63-3 A 6	94,1	148,8	28850	43	1x3	630	890	1800	3,6	12,1	223	42,0	35
MISTRAL-L C 63-3 B 6	116,9	223,3	27650	43	1x3	630	890	1800	3,6	18,1	246	54,0	42
MISTRAL-L C 63-3 C 6	122,6	297,7	26550	43	1x3	630	890	1800	3,6	24,1	269	64,0	54
MISTRAL-L C 63-2.2 A 6	125,7	198,5	38500	44	2x2	630	890	2400	4,8	16,1	274	35,0	28
MISTRAL-L C 63-2.2 B 6	153,5	297,7	36900	44	2x2	630	890	2400	4,8	24,1	305	42,0	35
MISTRAL-L C 63-2.2 C 6	161,2	396,9	35400	44	2x2	630	890	2400	4,8	32,1	335	42,0	35
MISTRAL-L C 63-3.2 A 6	188,2	297,7	57750	46	2x3	630	890	3600	7,2	24,1	405	42,0	35
MISTRAL-L C 63-3.2 B 6	233,8	446,5	55350	46	2x3	630	890	3600	7,2	36,1	450	54,0	42
MISTRAL-L C 63-3.2 C 6	245,2	595,4	53100	46	2x3	630	890	3600	7,2	48,1	496	64,0	54

Capacity: R404A Tc=40°C Ts=65°C Ta=25°C

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# MISTRAL-L 63

Air-cooled condensers and drycoolers

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3 PH 8 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL-L C 63-1 A 8	23,2	49,6	6050	32	1x1	630	650	235	0,55	4,1	80	28	22
MISTRAL-L C 63-1 B 8	26,9	74,4	5850	32	1x1	630	650	235	0,55	6,1	88	28	22
MISTRAL-L C 63-1 C 8	27,0	99,2	5650	32	1x1	630	650	235	0,55	8,1	96	35	28
MISTRAL-L C 63-2 A 8	46,9	99,2	12100	34	1x2	630	650	470	1,1	8,1	152	35	28
MISTRAL-L C 63-2 B 8	53,4	148,8	11700	34	1x2	630	650	470	1,1	12,1	167	42	35
MISTRAL-L C 63-2 C 8	54,0	198,5	11250	34	1x2	630	650	470	1,1	16,1	182	42	35
MISTRAL-L C 63-3 A 8	69,9	148,8	18150	36	1x3	630	650	705	1,65	12,1	223	42	35
MISTRAL-L C 63-3 B 8	80,9	223,3	17500	36	1x3	630	650	705	1,65	18,1	246	54	42
MISTRAL-L C 63-3 C 8	81,7	297,7	16900	36	1x3	630	650	705	1,65	24,1	269	64	54
MISTRAL-L C 63-2.2 A 8	93,8	198,5	24250	37	2x2	630	650	940	2,2	16,1	274	35	28
MISTRAL-L C 63-2.2 B 8	106,9	297,7	23350	37	2x2	630	650	940	2,2	24,1	305	42	35
MISTRAL-L C 63-2.2 C 8	108,0	396,9	22550	37	2x2	630	650	940	2,2	32,1	335	42	35
MISTRAL-L C 63-3.2 A 8	139,7	297,7	36350	39	2x3	630	650	1410	3,3	24,1	405	42	35
MISTRAL-L C 63-3.2 B 8	161,7	446,5	35050	39	2x3	630	650	1410	3,3	36,1	450	54	42
MISTRAL-L C 63-3.2 C 8	163,5	595,4	33800	39	2x3	630	650	1410	3,3	48,1	496	64	54

3 PH 12 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL-L C 63-1 A 12	17,9	49,6	4300	25	1x1	630	420	110	0,27	4,1	80	28,0	22
MISTRAL-L C 63-1 B 12	19,7	74,4	4150	25	1x1	630	420	110	0,27	6,1	88	28,0	22
MISTRAL-L C 63-1 C 12	19,2	99,2	3950	25	1x1	630	420	110	0,27	8,1	96	35,0	28
MISTRAL-L C 63-2 A 12	36,3	99,2	8650	27	1x2	630	420	220	0,54	8,1	152	35,0	28
MISTRAL-L C 63-2 B 12	39,2	148,8	8250	27	1x2	630	420	220	0,54	12,1	167	42,0	35
MISTRAL-L C 63-2 C 12	38,4	198,5	7900	27	1x2	630	420	220	0,54	16,1	182	42,0	35
MISTRAL-L C 63-3 A 12	53,9	148,8	12950	29	1x3	630	420	330	0,81	12,1	223	42,0	35
MISTRAL-L C 63-3 B 12	59,2	223,3	12400	29	1x3	630	420	330	0,81	18,1	246	54,0	42
MISTRAL-L C 63-3 C 12	58,0	297,7	11800	29	1x3	630	420	330	0,81	24,1	269	64,0	54
MISTRAL-L C 63-2.2 A 12	72,6	198,5	17300	30	2x2	630	420	440	1,08	16,1	274	35,0	28
MISTRAL-L C 63-2.2 B 12	78,5	297,7	16550	30	2x2	630	420	440	1,08	24,1	305	42,0	35
MISTRAL-L C 63-2.2 C 12	76,9	396,9	15750	30	2x2	630	420	440	1,08	32,1	335	42,0	35
MISTRAL-L C 63-3.2 A 12	107,9	297,7	25950	32	2x3	630	420	660	1,62	24,1	405	42,0	35
MISTRAL-L C 63-3.2 B 12	118,5	446,5	24800	32	2x3	630	420	660	1,62	36,1	450	54,0	42
MISTRAL-L C 63-3.2 C 12	116,0	595,4	23650	32	2x3	630	420	660	1,62	48,1	496	64,0	54

Capacity: R404A Tc=40°C Ts=65°C Ta=25°C

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# MISTRAL 80

Air-cooled condensers and drycoolers

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Ø 800 mm

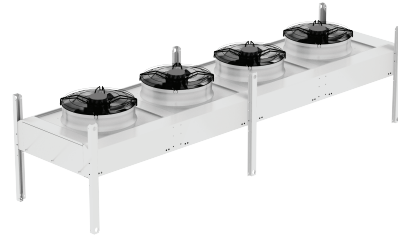
FAN DIAMETER

65 ÷ 1150 kW

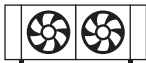
CAPACITY DT-15°C

1 - 16

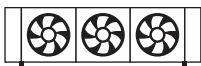
NUMBER OF FANS



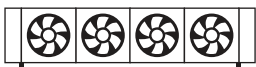
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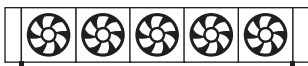
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**MISTRAL 80-3**

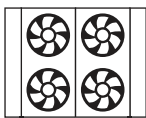


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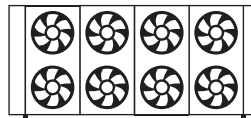
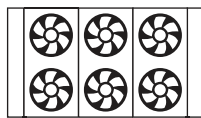


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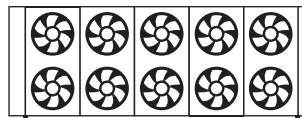
**MISTRAL 80-2.2**



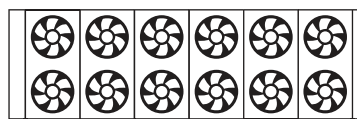
**MISTRAL 80-3.2**



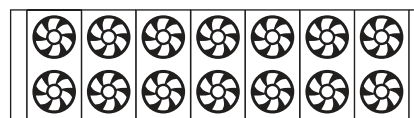
**MISTRAL 80-4.2**



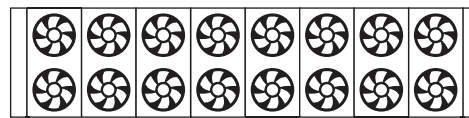
**MISTRAL 80-5.2**



**MISTRAL 80-6.2**



**MISTRAL 80-7.2**



**MISTRAL 80-8.2**

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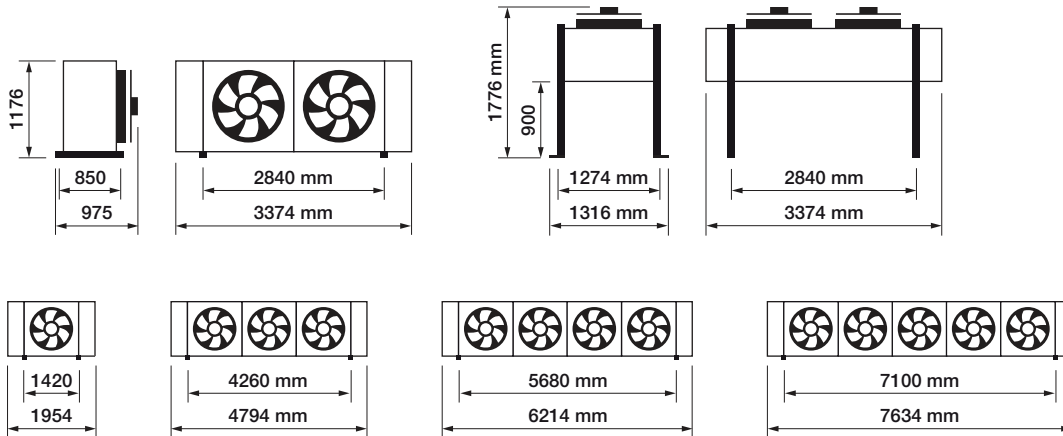
# MISTRAL 80

Air-cooled condensers and drycoolers

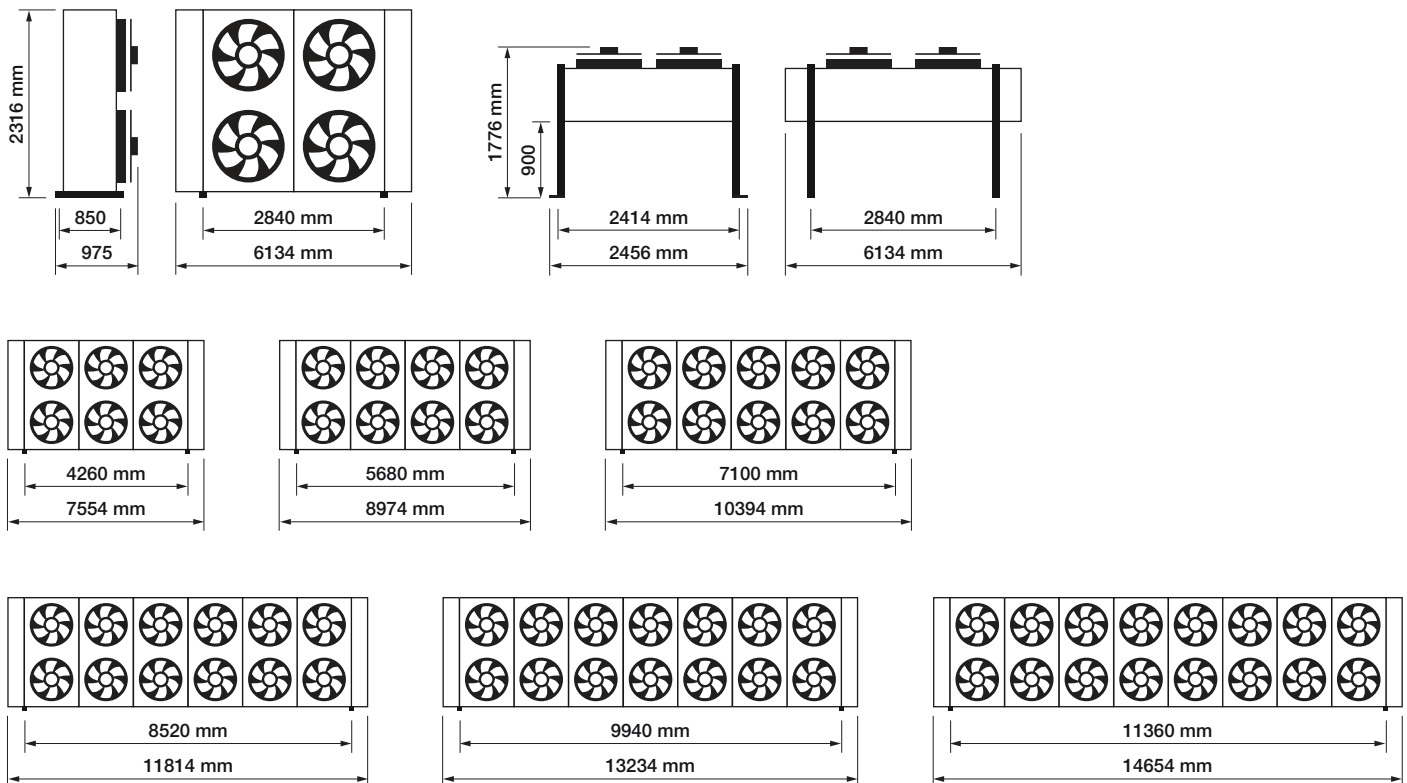
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## DIMENSIONS

### MISTRAL 80-1/2/3/4/5



### MISTRAL 80-2.2/3.2/4.2/5.2/6.2/7.2/8.2



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# MISTRAL 80

Air-cooled condensers and drycoolers

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## UNIT IDENTIFICATION

**MISTRAL** **L** **C** **80** **2.2** **B** **4D** **EC** **H**

<b>MISTRAL</b>	Air-cooled condensers and drycoolers
<b>L</b>	<b>not present</b> = std coil length   <b>L</b> = large coil <b>XL</b> = extra large coil
<b>C</b>	<b>C</b> = condenser   <b>W</b> = dry cooler
<b>80</b>	fan diameter 800 mm

<b>2.2</b>	fan number = 2 x 2 = 4
<b>B</b>	<b>A - B - C</b> = coil type
<b>4D</b>	<b>4</b> = electric motor poles   <b>D - Y - S</b> = motor type
<b>EC</b>	electronic motor if present
<b>H</b>	<b>H</b> = Horizontal Air Flow   <b>V</b> = Vertical Air flow

3 PH 6 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL C 80-1 B 6	65,9	112,9	17400	46	1x1	800	880	1720	3,9	12	156	28	22
MISTRAL C 80-1 C 6	70,5	150,6	16250	46	1x1	800	880	1720	3,9	16	168	35	28
MISTRAL C 80-2 B 6	134,4	225,9	34800	49	1x2	800	880	3440	7,8	24	292	42	35
MISTRAL C 80-2 C 6	143,6	301,4	32500	49	1x2	800	880	3440	7,8	32	316	54	42
MISTRAL C 80-3 B 6	201,7	339,1	52200	51	1x3	800	880	5160	11,7	36	428	54	42
MISTRAL C 80-3 C 6	216,8	452,2	48750	51	1x3	800	880	5160	11,7	48	465	54	42
MISTRAL C 80-4 B 6	269,7	452,2	69600	52	1x4	800	880	6880	15,6	48	564	64	54
MISTRAL C 80-4 C 6	287,5	602,9	65000	52	1x4	800	880	6880	15,6	63	613	76	64
MISTRAL C 80-5 B 6	333,4	565,2	87000	53	1x5	800	880	8600	19,5	59	701	64	54
MISTRAL C 80-5 C 6	354,9	753,6	81250	53	1x5	800	880	8600	19,5	79	762	76	64
MISTRAL C 80-2.2 B 6	268,9	451,8	69600	52	2x2	800	880	6880	15,6	48	553	42	35
MISTRAL C 80-2.2 C 6	287,2	602,9	65000	52	2x2	800	880	6880	15,6	63	601	54	42
MISTRAL C 80-3.2 B 6	403,5	678,2	104400	54	2x3	800	880	10320	23,4	71	814	54	42
MISTRAL C 80-3.2 C 6	433,6	904,3	97500	54	2x3	800	880	10320	23,4	95	887	54	42
MISTRAL C 80-4.2 B 6	539,3	904,3	139250	55	2x4	800	880	13760	31,2	95	1074	64	54
MISTRAL C 80-4.2 C 6	575,1	1205,7	130050	55	2x4	800	880	13760	31,2	126	1171	76	64
MISTRAL C 80-5.2 B 6	666,8	1130,4	174050	55	2x5	800	880	17200	39	118	1335	64	54
MISTRAL C 80-5.2 C 6	709,9	1507,2	162550	55	2x5	800	880	17200	39	158	1456	76	64
MISTRAL C 80-6.2 B 6	807,3	1356,5	208850	56	2x6	800	880	20640	46,8	142	1595	64	54
MISTRAL C 80-6.2 C 6	867,6	1808,6	195050	56	2x6	800	880	20640	46,8	189	1741	76	64
MISTRAL C 80-7.2 B 6	945,1	1582,5	243650	57	2x7	800	880	24080	54,6	165	1855	89	76
MISTRAL C 80-7.2 C 6	1010,6	2110	227550	57	2x7	800	880	24080	54,6	220	2025	89	76
MISTRAL C 80-8.2 B 6	1079,4	1808,6	278450	57	2x8	800	880	27520	62,4	189	2116	89	76
MISTRAL C 80-8.2 C 6	1150,8	2411,5	260050	57	2x8	800	880	27520	62,4	252	2310	89	76

Capacity: R404A Tc=40°C Ts=65°C Ta=25°C

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# MISTRAL 80

Air-cooled condensers and drycoolers

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3 PH 8 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL C 80-1 A 8	48,0	75,2	13700	39	1x1	800	680	770	2,22	8	144	28,0	22
MISTRAL C 80-1 B 8	54,0	112,9	12700	39	1x1	800	680	770	2,22	12	156	28,0	22
MISTRAL C 80-1 C 8	54,9	150,6	11850	39	1x1	800	680	770	2,22	16	168	35,0	28
MISTRAL C 80-2 A 8	96,2	150,4	27400	42	1x2	800	680	1540	4,44	16	267	42,0	35
MISTRAL C 80-2 B 8	109,7	225,9	25400	42	1x2	800	680	1540	4,44	24	292	42,0	35
MISTRAL C 80-2 C 8	111,3	301,4	23650	42	1x2	800	680	1540	4,44	32	316	54,0	42
MISTRAL C 80-3 A 8	143,1	226,1	41100	44	1x3	800	680	2310	6,66	24	392	42,0	35
MISTRAL C 80-3 B 8	164,5	339,1	38100	44	1x3	800	680	2310	6,66	36	428	54,0	42
MISTRAL C 80-3 C 8	167,9	452,2	35500	44	1x3	800	680	2310	6,66	48	465	54,0	42
MISTRAL C 80-4 A 8	193,9	301,4	54800	45	1x4	800	680	3080	8,88	32	515	54,0	42
MISTRAL C 80-4 B 8	219,8	452,2	50750	45	1x4	800	680	3080	8,88	48	564	64,0	54
MISTRAL C 80-4 C 8	222,8	602,9	47350	45	1x4	800	680	3080	8,88	63	613	76,0	64
MISTRAL C 80-5 A 8	241,2	376,8	68500	46	1x5	800	680	3850	11,1	40	640	54,0	42
MISTRAL C 80-5 B 8	272,4	565,2	63450	46	1x5	800	680	3850	11,1	59	701	64,0	54
MISTRAL C 80-5 C 8	275,7	753,6	59150	46	1x5	800	680	3850	11,1	79	762	76,0	64
MISTRAL C 80-2.2 A 8	192,5	300,7	54800	45	2x2	800	680	3080	8,88	32	504	42,0	35
MISTRAL C 80-2.2 B 8	219,3	451,8	50750	45	2x2	800	680	3080	8,88	48	553	42,0	35
MISTRAL C 80-2.2 C 8	222,6	602,9	47350	45	2x2	800	680	3080	8,88	63	601	54,0	42
MISTRAL C 80-3.2 A 8	286,1	452,2	82150	47	2x3	800	680	4620	13,32	48	741	42,0	35
MISTRAL C 80-3.2 B 8	329,1	678,2	76150	47	2x3	800	680	4620	13,32	71	814	54,0	42
MISTRAL C 80-3.2 C 8	335,8	904,3	71000	47	2x3	800	680	4620	13,32	95	887	54,0	42
MISTRAL C 80-4.2 A 8	387,7	602,9	109550	48	2x4	800	680	6160	17,76	63	976	54,0	42
MISTRAL C 80-4.2 B 8	439,7	904,3	101550	48	2x4	800	680	6160	17,76	95	1074	64,0	54
MISTRAL C 80-4.2 C 8	445,6	1205,7	94650	48	2x4	800	680	6160	17,76	126	1171	76,0	64
MISTRAL C 80-5.2 A 8	482,4	753,6	136950	48	2x5	800	680	7700	22,2	79	1213	54,0	42
MISTRAL C 80-5.2 B 8	544,8	1130,4	126950	48	2x5	800	680	7700	22,2	118	1335	64,0	54
MISTRAL C 80-5.2 C 8	551,5	1507,2	118300	48	2x5	800	680	7700	22,2	158	1456	76,0	64
MISTRAL C 80-6.2 A 8	572,6	904,3	164350	50	2x6	800	680	9240	26,64	95	1449	54,0	42
MISTRAL C 80-6.2 B 8	658,4	1356,5	152300	49	2x6	800	680	9240	26,64	142	1595	64,0	54
MISTRAL C 80-6.2 C 8	671,8	1808,6	142000	49	2x6	800	680	9240	26,64	189	1741	76,0	64
MISTRAL C 80-7.2 A 8	675,7	1055	191750	51	2x7	800	680	10780	31,08	110	1684	76,0	64
MISTRAL C 80-7.2 B 8	770,3	1582,5	177700	50	2x7	800	680	10780	31,08	165	1855	89,0	76
MISTRAL C 80-7.2 C 8	782,5	2110	165650	50	2x7	800	680	10780	31,08	220	2025	89,0	76
MISTRAL C 80-8.2 A 8	776,1	1205,7	219100	51	2x8	800	680	12320	35,52	126	1921	76,0	64
MISTRAL C 80-8.2 B 8	879,8	1808,6	203100	50	2x8	800	680	12320	35,52	189	2116	89,0	76
MISTRAL C 80-8.2 C 8	891,6	2411,5	189300	50	2x8	800	680	12320	35,52	252	2310	89,0	76

Capacity: R404A Tc=40°C Ts=65°C Ta=25°C

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# MISTRAL-L 80

Air-cooled condensers and drycoolers

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Ø 800 mm

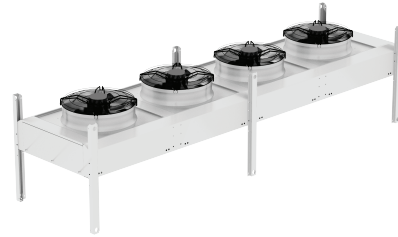
FAN DIAMETER

65 ÷ 1150 kW

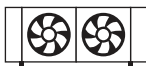
CAPACITY DT-15°C

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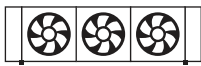
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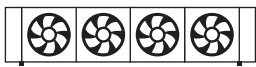
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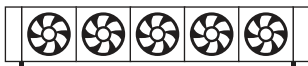
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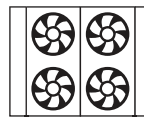
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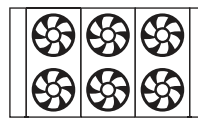
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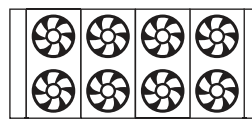
**MISTRAL-L 90-5**



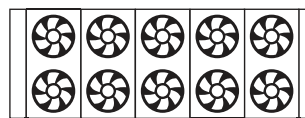
**MISTRAL-L 90-2.2**



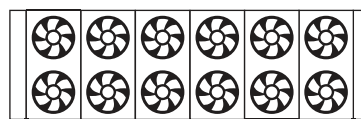
**MISTRAL-L 90-3.2**



**MISTRAL-L 90-4.2**



**MISTRAL-L 90-5.2**



**MISTRAL-L 90-6.2**

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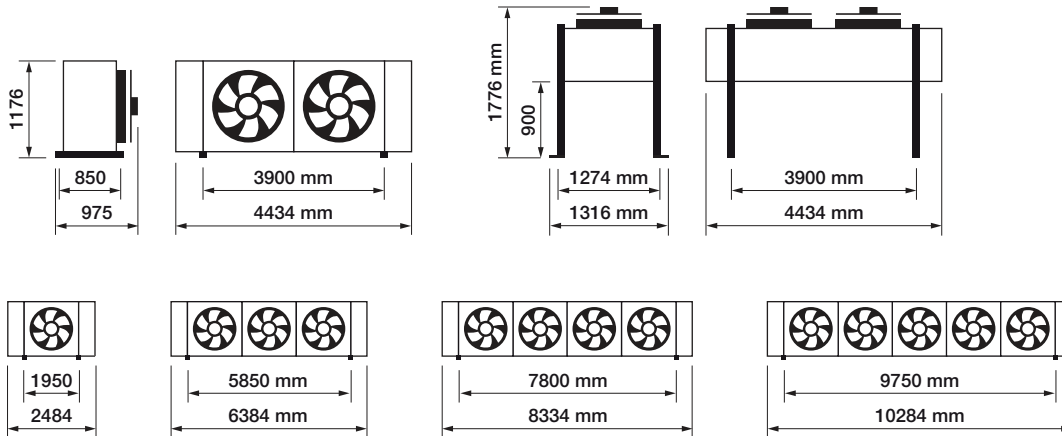
# MISTRAL-L 80

Air-cooled condensers and drycoolers

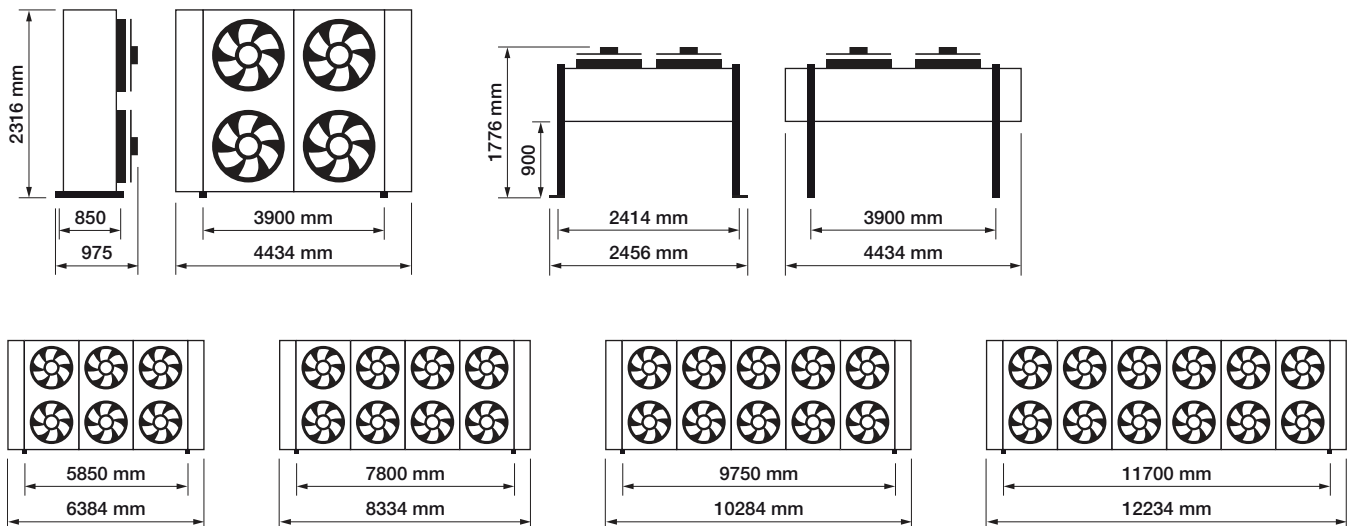
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## DIMENSIONS

### MISTRAL-L 80-1/2/3/4/5



### MISTRAL-L 80-2.2/3.2/4.2/5.2/6.2



## UNIT IDENTIFICATION

MISTRAL L C 80 2.2 B 4D EC H

<b>MISTRAL</b>	Air-cooled condensers and drycoolers
<b>L</b>	not present = std coil length   <b>L</b> = large coil <b>XL</b> = extra large coil
<b>C</b>	<b>C</b> = condenser   <b>W</b> = dry cooler
<b>80</b>	fan diameter 800 mm

<b>2.2</b>	fan number = 2 x 2 = 4
<b>B</b>	<b>A - B - C</b> = coil type
<b>4D</b>	<b>4</b> = electric motor poles   <b>D - Y - S</b> = motor type
<b>EC</b>	electronic motor if present
<b>H</b>	<b>H</b> = Horizontal Air Flow   <b>V</b> = Vertical Air flow

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**KALTRA**

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# MISTRAL-L 80

Air-cooled condensers and drycoolers

www.kaltra.de

3 PH 6 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL-L C 80-1 B 6	78,2	155,2	19200	46	1x1	800	880	1720	3,9	17	188	35,0	28
MISTRAL-L C 80-1 C 6	83,0	206,8	18300	46	1x1	800	880	1720	3,9	22	204	42,0	35
MISTRAL-L C 80-2 B 6	155,7	310,5	38400	49	1x2	800	880	3440	7,8	33	355	54,0	42
MISTRAL-L C 80-2 C 6	167,1	413,9	36550	49	1x2	800	880	3440	7,8	44	388	54,0	42
MISTRAL-L C 80-3 B 6	235,2	465,7	57600	51	1x3	800	880	5160	11,7	49	523	64,0	54
MISTRAL-L C 80-3 C 6	249,6	620,9	54850	51	1x3	800	880	5160	11,7	65	574	76,0	64
MISTRAL-L C 80-4 B 6	311,4	620,9	76800	52	1x4	800	880	6880	15,6	65	691	64,0	54
MISTRAL-L C 80-4 C 6	334,4	827,9	73150	52	1x4	800	880	6880	15,6	87	758	76,0	64
MISTRAL-L C 80-5 B 6	392,2	776,1	96000	52	1x5	800	880	8600	19,5	81	859	89,0	76
MISTRAL-L C 80-5 C 6	417,8	1034,9	91400	52	1x5	800	880	8600	19,5	108	943	89,0	76
MISTRAL-L C 80-2.2 B 6	311,3	620,9	76800	52	2x2	800	880	6880	15,6	65	671	54,0	42
MISTRAL-L C 80-2.2 C 6	334,3	827,9	73150	52	2x2	800	880	6880	15,6	87	738	54,0	42
MISTRAL-L C 80-3.2 B 6	470,4	931,4	115200	53	2x3	800	880	10320	23,4	98	992	64,0	54
MISTRAL-L C 80-3.2 C 6	499,2	1241,8	109700	53	2x3	800	880	10320	23,4	130	1092	76,0	64
MISTRAL-L C 80-4.2 B 6	622,8	1241,8	153600	54	2x4	800	880	13760	31,2	130	1311	64,0	54
MISTRAL-L C 80-4.2 C 6	668,7	1655,8	146250	54	2x4	800	880	13760	31,2	173	1445	76,0	64
MISTRAL-L C 80-5.2 B 6	784,3	1552,3	191950	55	2x5	800	880	17200	39	162	1631	89,0	76
MISTRAL-L C 80-5.2 C 6	835,6	2069,7	182850	55	2x5	800	880	17200	39	216	1799	89,0	76
MISTRAL-L C 80-6.2 B 6	941,4	1862,7	230350	56	2x6	800	880	20640	46,8	195	1951	89,0	76
MISTRAL-L C 80-6.2 C 6	998,8	2483,7	219400	56	2x6	800	880	20640	46,8	259	2151	89,0	76

3 PH 8 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL-L C 80-1 A 8	55,4	103,2	14700	39	1x1	800	680	770	2,22	11	171	28,0	22
MISTRAL-L C 80-1 B 8	62,5	155,2	13950	39	1x1	800	680	770	2,22	17	188	35,0	28
MISTRAL-L C 80-1 C 8	63,6	206,8	13350	39	1x1	800	680	770	2,22	22	204	42,0	35
MISTRAL-L C 80-2 A 8	108,8	207	29350	42	1x2	800	680	1540	4,44	22	322	42,0	35
MISTRAL-L C 80-2 B 8	124,5	310,5	27900	42	1x2	800	680	1540	4,44	33	355	54,0	42
MISTRAL-L C 80-2 C 8	127,9	413,9	26650	42	1x2	800	680	1540	4,44	44	388	54,0	42
MISTRAL-L C 80-3 A 8	167,5	310,5	44050	44	1x3	800	680	2310	6,66	33	473	54,0	42
MISTRAL-L C 80-3 B 8	187,8	465,7	41900	44	1x3	800	680	2310	6,66	49	523	64,0	54
MISTRAL-L C 80-3 C 8	191,0	620,9	40000	44	1x3	800	680	2310	6,66	65	574	76,0	64
MISTRAL-L C 80-4 A 8	217,6	413,9	58700	45	1x4	800	680	3080	8,88	44	624	54,0	42
MISTRAL-L C 80-4 B 8	249,2	620,9	55850	45	1x4	800	680	3080	8,88	65	691	64,0	54
MISTRAL-L C 80-4 C 8	255,9	827,9	53300	45	1x4	800	680	3080	8,88	87	758	76,0	64
MISTRAL-L C 80-5 A 8	277,3	517,4	73400	45	1x5	800	680	3850	11,1	54	776	76,0	64
MISTRAL-L C 80-5 B 8	313,2	776,1	69800	45	1x5	800	680	3850	11,1	81	859	89,0	76
MISTRAL-L C 80-5 C 8	319,5	1034,9	66650	45	1x5	800	680	3850	11,1	108	943	89,0	76
MISTRAL-L C 80-2.2 A 8	217,5	413,9	58700	45	2x2	800	680	3080	8,88	44	604	42,0	35
MISTRAL-L C 80-2.2 B 8	249,1	620,9	55850	45	2x2	800	680	3080	8,88	65	671	54,0	42
MISTRAL-L C 80-2.2 C 8	255,8	827,9	53300	45	2x2	800	680	3080	8,88	87	738	54,0	42
MISTRAL-L C 80-3.2 A 8	335,1	620,9	88100	46	2x3	800	680	4620	13,32	65	891	54,0	42
MISTRAL-L C 80-3.2 B 8	375,7	931,4	83750	46	2x3	800	680	4620	13,32	98	992	64,0	54
MISTRAL-L C 80-3.2 C 8	382,0	1241,8	79950	46	2x3	800	680	4620	13,32	130	1092	76,0	64
MISTRAL-L C 80-4.2 A 8	435,2	827,9	117450	47	2x4	800	680	6160	17,76	87	1177	54,0	42
MISTRAL-L C 80-4.2 B 8	498,4	1241,8	111650	47	2x4	800	680	6160	17,76	130	1311	64,0	54
MISTRAL-L C 80-4.2 C 8	511,7	1655,8	106600	47	2x4	800	680	6160	17,76	173	1445	76,0	64
MISTRAL-L C 80-5.2 A 8	554,6	1034,9	146800	48	2x5	800	680	7700	22,2	108	1464	76,0	64
MISTRAL-L C 80-5.2 B 8	626,4	1552,3	139600	48	2x5	800	680	7700	22,2	162	1631	89,0	76
MISTRAL-L C 80-5.2 C 8	638,9	2069,7	133250	48	2x5	800	680	7700	22,2	216	1799	89,0	76
MISTRAL-L C 80-6.2 A 8	670,6	1241,8	176150	49	2x6	800	680	9240	26,64	130	1750	76,0	64
MISTRAL-L C 80-6.2 B 8	751,7	1862,7	167500	49	2x6	800	680	9240	26,64	195	1951	89,0	76
MISTRAL-L C 80-6.2 C 8	764,3	2483,7	159900	49	2x6	800	680	9240	26,64	259	2151	89,0	76

Capacity: R404A Tc=40°C Ts=65°C Ta=25°C

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# MISTRAL-L 90

Air-cooled condensers and drycoolers

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Ø 900 mm

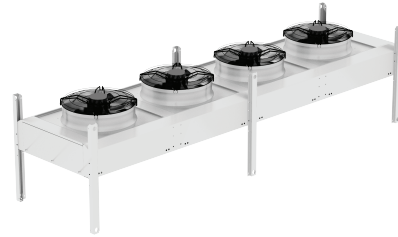
FAN DIAMETER

115 ÷ 1130 kW

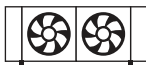
CAPACITY DT-15°C

1 - 12

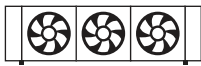
NUMBER OF FANS



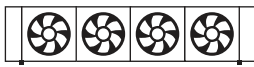
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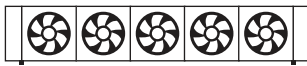
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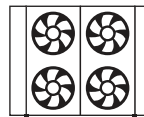
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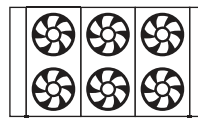
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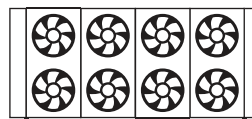
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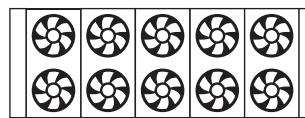
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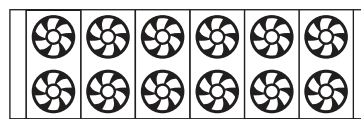
**MISTRAL-L 90-3.2**



**MISTRAL-L 90-4.2**



**MISTRAL-L 90-5.2**



**MISTRAL-L 90-6.2**

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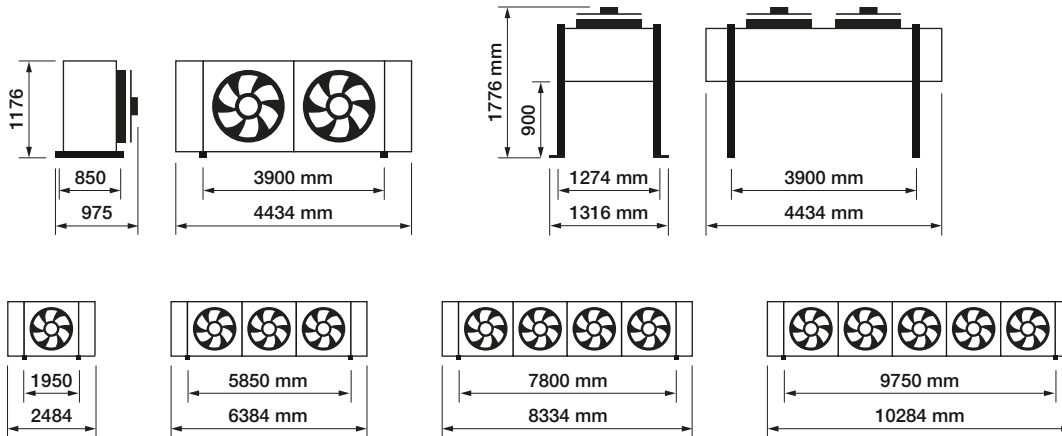
# MISTRAL-L 90

Air-cooled condensers and drycoolers

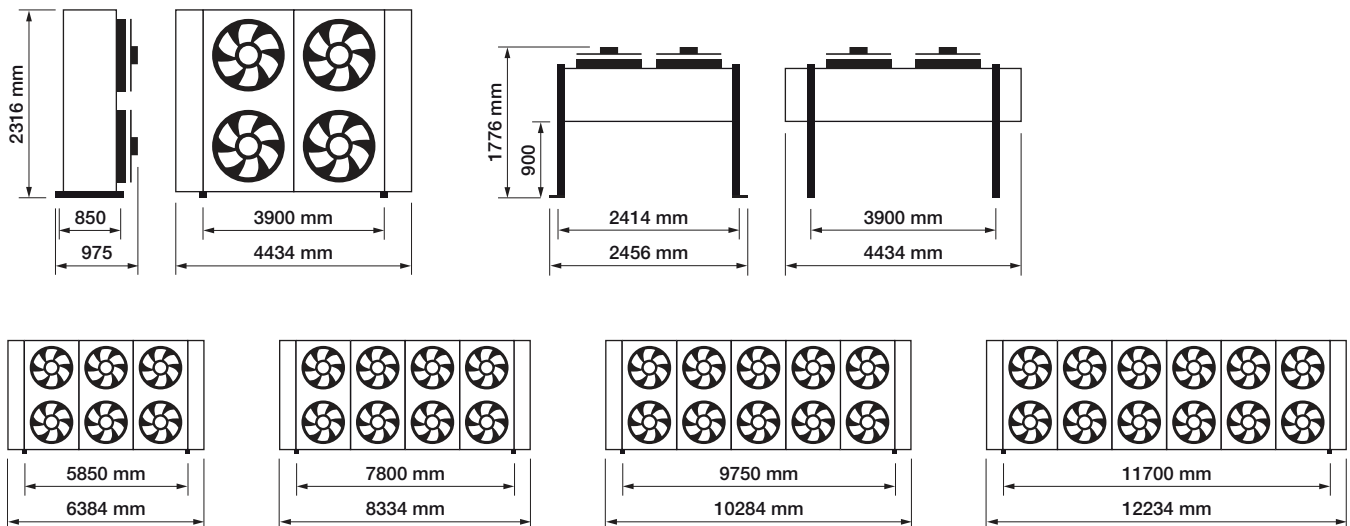
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## DIMENSIONS

### MISTRAL-L 90-1/2/3/4/5



### MISTRAL-L 90-2.2/3.2/4.2/5.2/6.2



## UNIT IDENTIFICATION

MISTRAL L C 90 2.2 B 4D EC H

<b>MISTRAL</b>	Air-cooled condensers and drycoolers
<b>L</b>	not present = std coil length   <b>L</b> = large coil <b>XL</b> = extra large coil
<b>C</b>	<b>C</b> = condenser   <b>W</b> = dry cooler
<b>90</b>	fan diameter 900 mm

<b>2.2</b>	fan number = 2 x 2 = 4
<b>B</b>	<b>A - B - C</b> = coil type
<b>4D</b>	<b>4</b> = electric motor poles   <b>D - Y - S</b> = motor type
<b>EC</b>	electronic motor if present
<b>H</b>	<b>H</b> = Horizontal Air Flow   <b>V</b> = Vertical Air flow

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# MISTRAL-L 90

Air-cooled condensers and drycoolers

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3 PH 4 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL-L C 90-1 B 4 D H	107,7	155,2	30200	60	1x1	900	1260	4600	7,8	17	188	35	28
MISTRAL-L C 90-1 C 4 D H	129,0	206,8	28550	60	1x1	900	1260	4600	7,8	22	204	42	35
MISTRAL-L C 90-2 B 4 D H	215,4	310,5	60450	63	1x2	900	1260	9200	15,6	33	355	54	42
MISTRAL-L C 90-2 C 4 D H	241,2	413,9	57100	63	1x2	900	1260	9200	15,6	44	388	54	42
MISTRAL-L C 90-3 B 4 D H	324,1	465,7	90650	65	1x3	900	1260	13800	23,4	49	523	64	54
MISTRAL-L C 90-3 C 4 D H	358,5	620,9	85650	65	1x3	900	1260	13800	23,4	65	574	76	64
MISTRAL-L C 90-4 B 4 D H	431,0	620,9	120850	66	1x4	900	1260	18400	31,2	65	691	64	54
MISTRAL-L C 90-4 C 4 D H	482,5	827,9	114200	66	1x4	900	1260	18400	31,2	87	758	76	64
MISTRAL-L C 90-5 B 4 D H	542,2	776,1	151050	66	1x5	900	1260	23000	39	81	859	89	76
MISTRAL-L C 90-5 C 4 D H	602,1	1034,9	142750	66	1x5	900	1260	23000	39	108	943	89	76
MISTRAL-L C 90-2.2 B 4 D H	430,8	620,9	120850	66	2x2	900	1260	18400	31,2	65	671	54	42
MISTRAL-L C 90-2.2 C 4 D H	482,3	827,9	114200	66	2x2	900	1260	18400	31,2	87	738	54	42
MISTRAL-L C 90-3.2 B 4 D H	648,2	931,4	181300	67	2x3	900	1260	27600	46,8	98	992	64	54
MISTRAL-L C 90-3.2 C 4 D H	717,0	1241,8	171300	67	2x3	900	1260	27600	46,8	130	1092	76	64
MISTRAL-L C 90-4.2 B 4 D H	861,9	1241,8	241700	68	2x4	900	1260	36800	62,4	130	1311	64	54
MISTRAL-L C 90-4.2 C 4 D H	965,1	1655,8	228400	68	2x4	900	1260	36800	62,4	173	1445	76	64
MISTRAL-L C 90-5.2 B 4 D H	1084,5	1552,3	302150	69	2x5	900	1260	46000	78	162	1631	89	76
MISTRAL-L C 90-5.2 C 4 D H	1204,2	2069,7	285500	69	2x5	900	1260	46000	78	216	1799	89	76
MISTRAL-L C 90-6.2 B 4 D H	1297,7	1862,7	362550	70	2x6	900	1260	55200	93,6	195	1951	89	76
MISTRAL-L C 90-6.2 C 4 D H	1435,1	2483,7	342600	70	2x6	900	1260	55200	93,6	259	2151	89	76

3 PH 6 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL-L C 90-1 B 6 D H	92,6	155,2	24050	52	1x1	900	885	2260	5,15	17	188	35	28
MISTRAL-L C 90-1 C 6 D H	99,0	206,8	22500	52	1x1	900	885	2260	5,15	22	204	42	35
MISTRAL-L C 90-2 B 6 D H	184,4	310,5	48100	55	1x2	900	885	4520	10,3	33	355	54	42
MISTRAL-L C 90-2 C 6 D H	199,9	413,9	45000	55	1x2	900	885	4520	10,3	44	388	54	42
MISTRAL-L C 90-3 B 6 D H	278,8	465,7	72100	57	1x3	900	885	6780	15,45	49	523	64	54
MISTRAL-L C 90-3 C 6 D H	297,9	620,9	67500	57	1x3	900	885	6780	15,45	65	574	76	64
MISTRAL-L C 90-4 B 6 D H	369,8	620,9	96150	58	1x4	900	885	9040	20,6	65	691	64	54
MISTRAL-L C 90-4 C 6 D H	399,9	827,9	90050	58	1x4	900	885	9040	20,6	87	758	76	64
MISTRAL-L C 90-5 B 6 D H	465,4	776,1	120200	58	1x5	900	885	11300	25,75	81	859	89	76
MISTRAL-L C 90-5 C 6 D H	499,3	1034,9	112550	58	1x5	900	885	11300	25,75	108	943	89	76
MISTRAL-L C 90-2.2 B 6 D H	370,4	620,9	96150	58	2x2	900	885	9040	20,6	65	671	54	42
MISTRAL-L C 90-2.2 C 6 D H	399,6	827,9	90050	58	2x2	900	885	9040	20,6	87	738	54	42
MISTRAL-L C 90-3.2 B 6 D H	557,5	931,4	144250	59	2x3	900	885	13560	30,9	98	992	64	54
MISTRAL-L C 90-3.2 C 6 D H	595,7	1241,8	135050	59	2x3	900	885	13560	30,9	130	1092	76	64
MISTRAL-L C 90-4.2 B 6 D H	739,5	1241,8	192300	60	2x4	900	885	18080	41,2	130	1311	64	54
MISTRAL-L C 90-4.2 C 6 D H	799,7	1655,8	180050	60	2x4	900	885	18080	41,2	173	1445	76	64
MISTRAL-L C 90-5.2 B 6 D H	930,9	1552,3	240400	61	2x5	900	885	22600	51,5	162	1631	89	76
MISTRAL-L C 90-5.2 C 6 D H	998,7	2069,7	225100	61	2x5	900	885	22600	51,5	216	1799	89	76
MISTRAL-L C 90-6.2 B 6 D H	1115,7	1862,7	288450	62	2x6	900	885	55200	93,6	195	1951	89	76
MISTRAL-L C 90-6.2 C 6 D H	1192,2	2483,7	270100	62	2x6	900	885	55200	93,6	259	2151	89	76

Capacity: R404A Tc=40°C Ts=65°C Ta=25°C

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# MISTRAL-L 90

Air-cooled condensers and drycoolers

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3 PH 8 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL-L C 90-1 A 8	62,1	103,2	17200	41	1x1	900	670	830	2,27	11	171	28	22
MISTRAL-L C 90-1 B 8	70,5	155,2	16100	41	1x1	900	670	830	2,27	17	188	35	28
MISTRAL-L C 90-1 C 8	71,5	206,8	15150	41	1x1	900	670	830	2,27	22	204	42	35
MISTRAL-L C 90-2 A 8	122,0	207	34450	44	1x2	900	670	1660	4,54	22	322	42	35
MISTRAL-L C 90-2 B 8	140,6	310,5	32200	44	1x2	900	670	1660	4,54	33	355	54	42
MISTRAL-L C 90-2 C 8	144,0	413,9	30250	44	1x2	900	670	1660	4,54	44	388	54	42
MISTRAL-L C 90-3 A 8	187,9	310,5	51650	46	1x3	900	670	2490	6,81	33	473	54	42
MISTRAL-L C 90-3 B 8	211,9	465,7	48300	46	1x3	900	670	2490	6,81	49	523	64	54
MISTRAL-L C 90-3 C 8	214,8	620,9	45400	46	1x3	900	670	2490	6,81	65	574	76	64
MISTRAL-L C 90-4 A 8	244,2	413,9	68900	47	1x4	900	670	3320	9,08	44	624	54	42
MISTRAL-L C 90-4 B 8	281,2	620,9	64400	47	1x4	900	670	3320	9,08	65	691	64	54
MISTRAL-L C 90-4 C 8	288,0	827,9	60500	47	1x4	900	670	3320	9,08	87	758	76	64
MISTRAL-L C 90-5 A 8	311,3	517,4	86100	47	1x5	900	670	4150	11,35	54	776	76	64
MISTRAL-L C 90-5 B 8	353,5	776,1	80500	47	1x5	900	670	4150	11,35	81	859	89	76
MISTRAL-L C 90-5 C 8	359,6	1034,9	75650	47	1x5	900	670	4150	11,35	108	943	89	76
MISTRAL-L C 90-2.2 A 8	244,1	413,9	68900	47	2x2	900	670	3320	9,08	44	604	42	35
MISTRAL-L C 90-2.2 B 8	281,1	620,9	64400	47	2x2	900	670	3320	9,08	65	671	54	42
MISTRAL-L C 90-2.2 C 8	287,9	827,9	60500	47	2x2	900	670	3320	9,08	87	738	54	42
MISTRAL-L C 90-3.2 A 8	375,8	620,9	103350	48	2x3	900	670	4980	13,62	65	891	54	42
MISTRAL-L C 90-3.2 B 8	423,8	931,4	96600	48	2x3	900	670	4980	13,62	98	992	64	54
MISTRAL-L C 90-3.2 C 8	429,6	1241,8	90800	48	2x3	900	670	4980	13,62	130	1092	76	64
MISTRAL-L C 90-4.2 A 8	488,4	827,9	137800	49	2x4	900	670	6640	18,16	87	1177	54	42
MISTRAL-L C 90-4.2 B 8	562,4	1241,8	128800	49	2x4	900	670	6640	18,16	130	1311	64	54
MISTRAL-L C 90-4.2 C 8	576,0	1655,8	121050	49	2x4	900	670	6640	18,16	173	1445	76	64
MISTRAL-L C 90-5.2 A 8	622,5	1034,9	172250	50	2x5	900	670	8300	22,7	108	1464	76	64
MISTRAL-L C 90-5.2 B 8	707,1	1552,3	161000	50	2x5	900	670	8300	22,7	162	1631	89	76
MISTRAL-L C 90-5.2 C 8	719,2	2069,7	151300	50	2x5	900	670	8300	22,7	216	1799	89	76
MISTRAL-L C 90-6.2 A 8	752,2	1241,8	206650	51	2x6	900	670	9960	27,24	130	1750	76	64
MISTRAL-L C 90-6.2 B 8	848,0	1862,7	193150	51	2x6	900	670	9960	27,24	195	1951	89	76
MISTRAL-L C 90-6.2 C 8	859,6	2483,7	181550	51	2x6	900	670	9960	27,24	259	2151	89	76

3 PH 12 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL-L C 90-1 A 12	45,7	103,2	10900	30	1x1	900	440	280	0,83	11	171	28	22
MISTRAL-L C 90-1 B 12	47,8	155,2	10150	30	1x1	900	440	280	0,83	17	188	35	28
MISTRAL-L C 90-2 A 12	89,8	207	21800	33	1x2	900	440	560	1,66	22	322	42	35
MISTRAL-L C 90-2 B 12	95,4	310,5	20300	33	1x2	900	440	560	1,66	33	355	54	42
MISTRAL-L C 90-3 A 12	137,8	310,5	32700	35	1x3	900	440	840	2,49	33	473	54	42
MISTRAL-L C 90-3 B 12	143,6	465,7	30400	35	1x3	900	440	840	2,49	49	523	64	54
MISTRAL-L C 90-4 A 12	179,6	413,9	43600	36	1x4	900	440	1120	3,32	44	624	54	42
MISTRAL-L C 90-4 B 12	190,9	620,9	40550	36	1x4	900	440	1120	3,32	65	691	64	54
MISTRAL-L C 90-5 A 12	228,2	517,4	54550	36	1x5	900	440	1400	4,15	54	776	76	64
MISTRAL-L C 90-5 B 12	239,5	776,1	50700	36	1x5	900	440	1400	4,15	81	859	89	76
MISTRAL-L C 90-2.2 A 12	179,5	413,9	43600	36	2x2	900	440	1120	3,32	44	604	42	35
MISTRAL-L C 90-2.2 B 12	190,9	620,9	40550	36	2x2	900	440	1120	3,32	65	671	54	42
MISTRAL-L C 90-3.2 A 12	275,6	620,9	65450	37	2x3	900	440	1680	4,98	65	891	54	42
MISTRAL-L C 90-3.2 B 12	287,2	931,4	60850	37	2x3	900	440	1680	4,98	98	992	64	54
MISTRAL-L C 90-4.2 A 12	359,1	827,9	87250	38	2x4	900	440	2240	6,64	87	1177	54	42
MISTRAL-L C 90-4.2 B 12	381,8	1241,8	81100	38	2x4	900	440	2240	6,64	130	1311	64	54
MISTRAL-L C 90-5.2 A 12	456,5	1034,9	109050	39	2x5	900	440	2800	8,3	108	1464	76	64
MISTRAL-L C 90-5.2 B 12	478,9	1552,3	101400	39	2x5	900	440	2800	8,3	162	1631	89	76
MISTRAL-L C 90-6.2 A 12	551,5	1241,8	130900	40	2x6	900	440	3360	9,96	130	1750	76	64
MISTRAL-L C 90-6.2 B 12	574,6	1862,7	121700	40	2x6	900	440	3360	9,96	195	1951	89	76

Capacity: R404A Tc=40°C Ts=65°C Ta=25°C

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# MISTRAL-XL 90

Air-cooled condensers and drycoolers

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Ø 900 mm

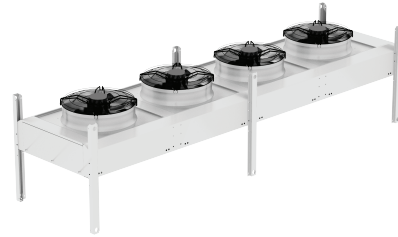
FAN DIAMETER

115 ÷ 1130 kW

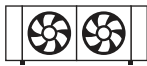
CAPACITY DT-15°C

1 - 12

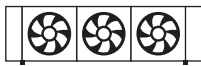
NUMBER OF FANS



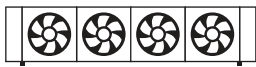
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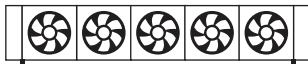
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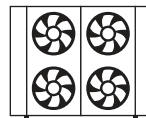
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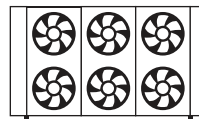
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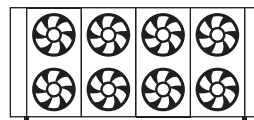
**MISTRAL-XL 90-5**



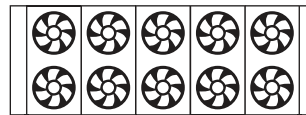
**MISTRAL-XL 90-2.2**



**MISTRAL-XL 90-3.2**



**MISTRAL-XL 90-4.2**



**MISTRAL-XL 90-5.2**

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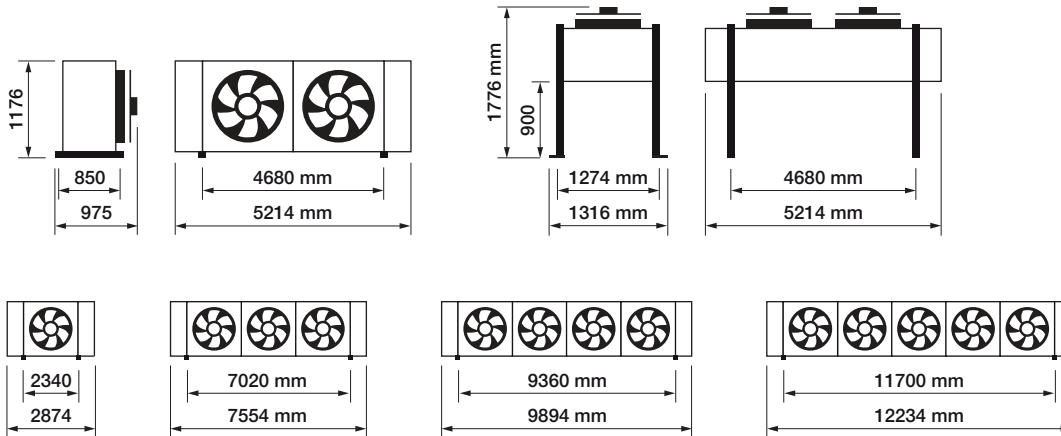
# MISTRAL-XL 90

Air-cooled condensers and drycoolers

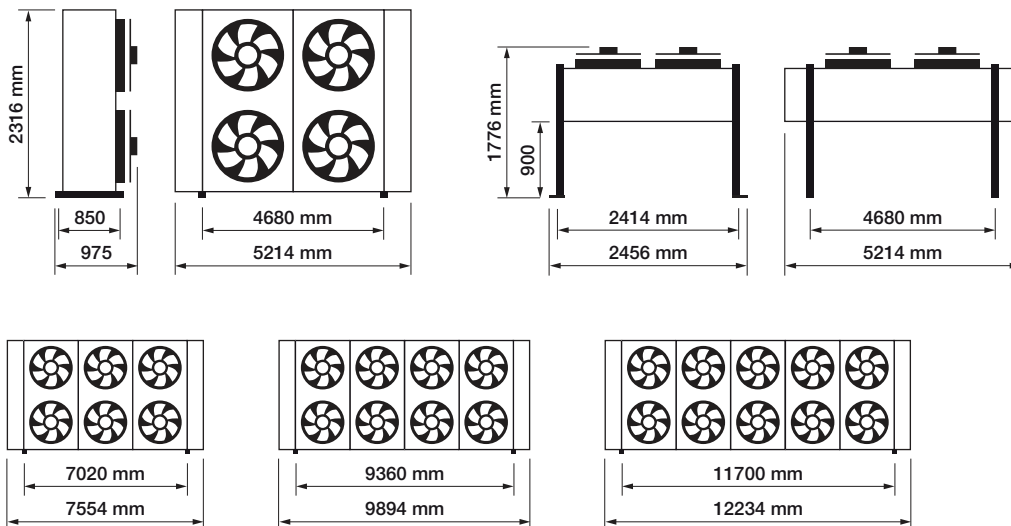
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## DIMENSIONS

### MISTRAL-XL 90-1/2/3/4/5



### MISTRAL-XL 90-2.2/3.2/4.2/5.2



## UNIT IDENTIFICATION

MISTRAL XL C 90 2.2 B 4D EC H

<b>MISTRAL</b>	Air-cooled condensers and drycoolers
<b>XL</b>	not present = std coil length   L = large coil XL = extra large coil
<b>C</b>	C = condenser   W = dry cooler
<b>90</b>	fan diameter 900 mm

<b>2.2</b>	fan number = 2 x 2 = 4
<b>B</b>	A - B - C = coil type
<b>4D</b>	4 = electric motor poles   D - Y - S = motor type
<b>EC</b>	electronic motor if present
<b>H</b>	H = Horizontal Air Flow   V = Vertical Air flow

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**KALTRA**

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# MISTRAL-XL 90

Air-cooled condensers and drycoolers

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3 PH 4 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL-XL C 90-1 B 4 D H	118,0	186,1	31750	60	1x1	900	1260	4600	7,8	20	211	42	35
MISTRAL-XL C 90-1 C 4 D H	130,9	248,4	30350	60	1x1	900	1260	4600	7,8	26	231	54	42
MISTRAL-XL C 90-2 B 4 D H	236,7	372,5	63450	63	1x2	900	1260	9200	15,6	39	402	64	54
MISTRAL-XL C 90-2 C 4 D H	262,0	496,7	60650	63	1x2	900	1260	9200	15,6	52	442	76	64
MISTRAL-XL C 90-3 B 4 D H	350,9	558,8	95200	65	1x3	900	1260	13800	23,4	59	593	64	54
MISTRAL-XL C 90-3 C 4 D H	385,9	745,1	91000	65	1x3	900	1260	13800	23,4	78	654	76	64
MISTRAL-XL C 90-4 B 4 D H	473,6	745,1	126950	66	1x4	900	1260	18400	31,2	78	784	89	76
MISTRAL-XL C 90-4 C 4 D H	524,4	993,5	121300	66	1x4	900	1260	18400	31,2	104	865	89	76
MISTRAL-XL C 90-5 B 4 D H	591,4	931,4	158700	66	1x5	900	1260	23000	39	98	976	89	76
MISTRAL-XL C 90-5 C 4 D H	651,2	1241,8	151650	66	1x5	900	1260	23000	39	130	1076	89	64
MISTRAL-XL C 90-2.2 B 4 D H	473,3	745,1	126950	66	2x2	900	1260	18400	31,2	78	759	64	54
MISTRAL-XL C 90-2.2 C 4 D H	524,1	993,5	121300	66	2x2	900	1260	18400	31,2	104	839	76	64
MISTRAL-XL C 90-3.2 B 4 D H	701,8	1117,6	190400	67	2x3	900	1260	27600	46,8	117	1123	64	54
MISTRAL-XL C 90-3.2 C 4 D H	771,7	1490,2	181950	67	2x3	900	1260	27600	46,8	156	1243	76	64
MISTRAL-XL C 90-4.2 B 4 D H	947,2	1490,2	253900	68	2x4	900	1260	36800	62,4	156	1486	89	76
MISTRAL-XL C 90-4.2 C 4 D H	1048,7	1986,9	242600	68	2x4	900	1260	36800	62,4	208	1646	89	76
MISTRAL-XL C 90-5.2 B 4 D H	1182,9	1862,7	317350	69	2x5	900	1260	46000	78	195	1850	89	76
MISTRAL-XL C 90-5.2 C 4 D H	1302,4	2483,7	303300	69	2x5	900	1260	46000	78	259	2051	89	76

3 PH 6 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL-XL C 90-1 B 6 D H	101,2	186,1	25400	52	1x1	900	885	2260	5,15	20	211	42	35
MISTRAL-XL C 90-1 C 6 D H	108,8	248,4	24100	52	1x1	900	885	2260	5,15	26	231	54	42
MISTRAL-XL C 90-2 B 6 D H	202,9	372,5	50850	55	1x2	900	885	4520	10,3	39	402	64	54
MISTRAL-XL C 90-2 C 6 D H	217,7	496,7	48250	55	1x2	900	885	4520	10,3	52	442	76	64
MISTRAL-XL C 90-3 B 6 D H	302,0	558,8	76250	57	1x3	900	885	6780	15,45	59	593	64	54
MISTRAL-XL C 90-3 C 6 D H	321,9	745,1	72350	57	1x3	900	885	6780	15,45	78	654	76	64
MISTRAL-XL C 90-4 B 6 D H	406,0	745,1	101700	58	1x4	900	885	9040	20,6	78	784	89	76
MISTRAL-XL C 90-4 C 6 D H	435,6	993,5	96500	58	1x4	900	885	9040	20,6	104	865	89	76
MISTRAL-XL C 90-5 B 6 D H	507,6	931,4	127100	58	1x5	900	885	11300	25,75	98	976	89	76
MISTRAL-XL C 90-5 C 6 D H	541,8	1241,8	120600	58	1x5	900	885	11300	25,75	130	1076	89	64
MISTRAL-XL C 90-2.2 B 6 D H	405,8	745,1	101700	58	2x2	900	885	9040	20,6	78	759	64	54
MISTRAL-XL C 90-2.2 C 6 D H	435,4	993,5	96500	58	2x2	900	885	9040	20,6	104	839	76	64
MISTRAL-XL C 90-3.2 B 6 D H	604,1	1117,6	152500	59	2x3	900	885	13560	30,9	117	1123	64	54
MISTRAL-XL C 90-3.2 C 6 D H	643,8	1490,2	144750	59	2x3	900	885	13560	30,9	156	1243	76	64
MISTRAL-XL C 90-4.2 B 6 D H	811,9	1490,2	203350	60	2x4	900	885	18080	41,2	156	1486	89	76
MISTRAL-XL C 90-4.2 C 6 D H	871,2	1986,9	192950	60	2x4	900	885	18080	41,2	208	1646	89	76
MISTRAL-XL C 90-5.2 B 6 D H	1015,3	1862,7	254200	61	2x5	900	885	22600	51,5	195	1850	89	76
MISTRAL-XL C 90-5.2 C 6 D H	1083,7	2483,7	241200	61	2x5	900	885	22600	51,5	259	2051	89	76

Capacity: R404A Tc=40°C Ts=65°C Ta=25°C

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# MISTRAL-XL 90

Air-cooled condensers and drycoolers

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3 PH 8 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL-XL C 90-1 A 8	67,0	124,2	17900	41	1x1	900	670	830	2,27	13	191	28	22
MISTRAL-XL C 90-1 B 8	75,9	186,1	17000	41	1x1	900	670	830	2,27	20	211	42	35
MISTRAL-XL C 90-1 C 8	77,4	248,4	16150	41	1x1	900	670	830	2,27	26	231	54	42
MISTRAL-XL C 90-2 A 8	134,2	248,4	35800	44	1x2	900	670	1660	4,54	26	362	54	42
MISTRAL-XL C 90-2 B 8	151,9	372,5	33950	44	1x2	900	670	1660	4,54	39	402	64	54
MISTRAL-XL C 90-2 C 8	155,0	496,7	32350	44	1x2	900	670	1660	4,54	52	442	76	64
MISTRAL-XL C 90-3 A 8	203,0	372,5	53650	46	1x3	900	670	2490	6,81	39	533	54	42
MISTRAL-XL C 90-3 B 8	226,8	558,8	50950	46	1x3	900	670	2490	6,81	59	593	64	54
MISTRAL-XL C 90-3 C 8	230,0	745,1	48500	46	1x3	900	670	2490	6,81	78	654	76	64
MISTRAL-XL C 90-4 A 8	268,5	496,7	71550	47	1x4	900	670	3320	9,08	52	704	76	64
MISTRAL-XL C 90-4 B 8	304,0	745,1	67900	47	1x4	900	670	3320	9,08	78	784	89	76
MISTRAL-XL C 90-4 C 8	310,0	993,5	64650	47	1x4	900	670	3320	9,08	104	865	89	76
MISTRAL-XL C 90-5 A 8	339,1	620,9	89450	47	1x5	900	670	4150	11,35	65	876	76	64
MISTRAL-XL C 90-5 B 8	380,2	931,4	84900	47	1x5	900	670	4150	11,35	98	976	89	76
MISTRAL-XL C 90-5 C 8	386,1	1241,8	80850	47	1x5	900	670	4150	11,35	130	1076	89	64
MISTRAL-XL C 90-2.2 A 8	268,4	496,7	71550	47	2x2	900	670	3320	9,08	52	678	54	42
MISTRAL-XL C 90-2.2 B 8	303,9	745,1	67900	47	2x2	900	670	3320	9,08	78	759	64	54
MISTRAL-XL C 90-2.2 C 8	309,9	993,5	64650	47	2x2	900	670	3320	9,08	104	839	76	64
MISTRAL-XL C 90-3.2 A 8	406,1	745,1	107350	48	2x3	900	670	4980	13,62	78	1002	54	42
MISTRAL-XL C 90-3.2 B 8	453,5	1117,6	101850	48	2x3	900	670	4980	13,62	117	1123	64	54
MISTRAL-XL C 90-3.2 C 8	460,0	1490,2	97000	48	2x3	900	670	4980	13,62	156	1243	76	64
MISTRAL-XL C 90-4.2 A 8	537,0	993,5	143100	49	2x4	900	670	6640	18,16	104	1325	76	64
MISTRAL-XL C 90-4.2 B 8	608,0	1490,2	135800	49	2x4	900	670	6640	18,16	156	1486	89	76
MISTRAL-XL C 90-4.2 C 8	620,0	1986,9	129350	49	2x4	900	670	6640	18,16	208	1646	89	76
MISTRAL-XL C 90-5.2 A 8	678,2	1241,8	178900	50	2x5	900	670	8300	22,7	130	1649	76	64
MISTRAL-XL C 90-5.2 B 8	760,3	1862,7	169750	50	2x5	900	670	8300	22,7	195	1850	89	76
MISTRAL-XL C 90-5.2 C 8	772,2	2483,7	161700	50	2x5	900	670	8300	22,7	259	2051	89	76

3 PH 12 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL-XL C 90-1 A 12	48,7	124,2	11350	30	1x1	900	440	280	0,83	13	191	28	22
MISTRAL-XL C 90-1 B 12	51,1	186,1	10750	30	1x1	900	440	280	0,83	20	211	42	35
MISTRAL-XL C 90-2 A 12	97,4	248,4	22750	33	1x2	900	440	560	1,66	26	362	54	42
MISTRAL-XL C 90-2 B 12	102,4	372,5	21500	33	1x2	900	440	560	1,66	39	402	64	54
MISTRAL-XL C 90-3 A 12	147,5	372,5	34100	35	1x3	900	440	840	2,49	39	533	54	42
MISTRAL-XL C 90-3 B 12	153,0	558,8	32250	35	1x3	900	440	840	2,49	59	593	64	54
MISTRAL-XL C 90-4 A 12	194,8	496,7	45500	36	1x4	900	440	1120	3,32	52	704	76	64
MISTRAL-XL C 90-4 B 12	204,8	745,1	42950	36	1x4	900	440	1120	3,32	78	784	89	76
MISTRAL-XL C 90-5 A 12	245,8	620,9	56850	36	1x5	900	440	1400	4,15	65	876	76	64
MISTRAL-XL C 90-5 B 12	256,0	931,4	53700	36	1x5	900	440	1400	4,15	98	976	89	76
MISTRAL-XL C 90-2.2 A 12	194,8	496,7	45500	36	2x2	900	440	1120	3,32	52	678	54	42
MISTRAL-XL C 90-2.2 B 12	204,7	745,1	42950	36	2x2	900	440	1120	3,32	78	759	64	54
MISTRAL-XL C 90-3.2 A 12	294,9	745,1	68250	37	2x3	900	440	1680	4,98	78	1002	54	42
MISTRAL-XL C 90-3.2 B 12	306,0	1117,6	64450	37	2x3	900	440	1680	4,98	117	1123	64	54
MISTRAL-XL C 90-4.2 A 12	389,7	993,5	90950	38	2x4	900	440	2240	6,64	104	1325	76	64
MISTRAL-XL C 90-4.2 B 12	409,5	1490,2	85950	38	2x4	900	440	2240	6,64	156	1486	89	76
MISTRAL-XL C 90-5.2 A 12	491,5	1241,8	113700	39	2x5	900	440	2800	8,3	130	1649	76	64
MISTRAL-XL C 90-5.2 B 12	512,0	1862,7	107400	39	2x5	900	440	2800	8,3	195	1850	89	76

Capacity: R404A Tc=40°C Ts=65°C Ta=25°C

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# MISTRAL-L 100

Air-cooled condensers and drycoolers

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Ø 1000 mm

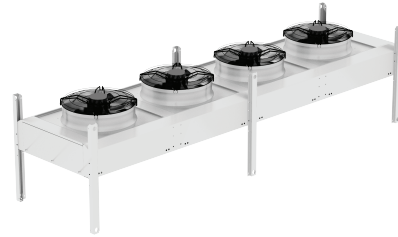
FAN DIAMETER

100 ÷ 1150 kW

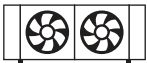
CAPACITY DT-15°C

1 - 12

NUMBER OF FANS



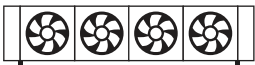
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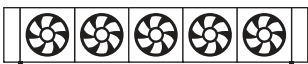
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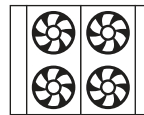
**MISTRAL-L 100-3**



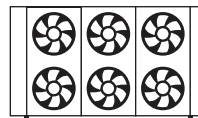
**MISTRAL-L 100-4**



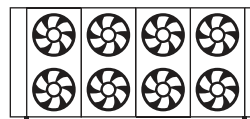
**MISTRAL-L 100-5**



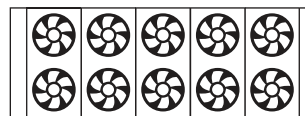
**MISTRAL-L 100-2.2**



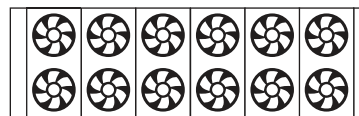
**MISTRAL-L 100-3.2**



**MISTRAL-L 100-4.2**



**MISTRAL-L 100-5.2**



**MISTRAL-L 100-6.2**

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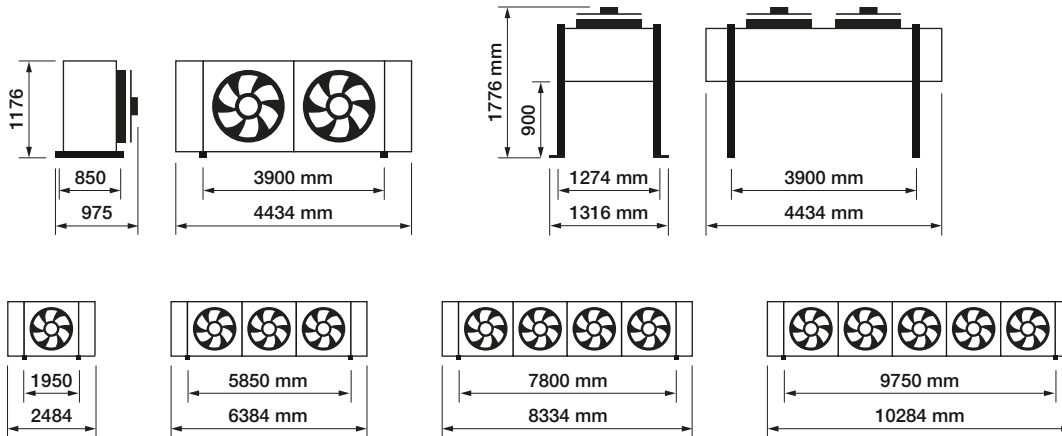
# MISTRAL-L 100

Air-cooled condensers and drycoolers

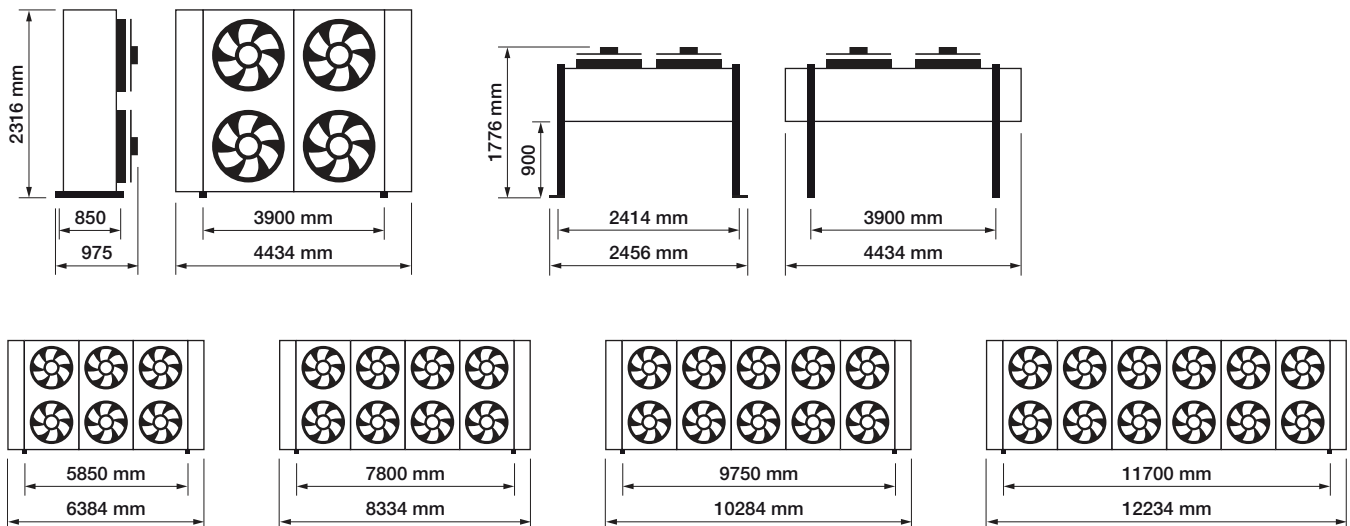
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## DIMENSIONS

### MISTRAL-L 100-1/2/3/4/5



### MISTRAL-L 100-2.2/3.2/4.2/5.2/6.2



## UNIT IDENTIFICATION

MISTRAL L C 100 2.2 B 4D EC H

<b>MISTRAL</b>	Air-cooled condensers and drycoolers
<b>L</b>	<b>not present</b> = std coil length   <b>L</b> = large coil <b>XL</b> = extra large coil
<b>C</b>	<b>C</b> = condenser   <b>W</b> = dry cooler
<b>100</b>	fan diameter 1000 mm

<b>2.2</b>	fan number = 2 x 2 = 4
<b>B</b>	<b>A - B - C</b> = coil type
<b>4D</b>	<b>4</b> = electric motor poles   <b>D - Y - S</b> = motor type
<b>EC</b>	electronic motor if present
<b>H</b>	<b>H</b> = Horizontal Air Flow   <b>V</b> = Vertical Air flow

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**KALTRA**

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# MISTRAL-L 100

Air-cooled condensers and drycoolers

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3 PH 6 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL-L C 100-1 B 6	98,6	155,2	26200	53	1x1	1000	930	2480	5,63	17	188	35,0	28
MISTRAL-L C 100-1 C 6	106,0	206,8	24450	53	1x1	1000	930	2480	5,63	22	204	42,0	35
MISTRAL-L C 100-2 B 6	196,9	310,5	52400	56	1x2	1000	930	4960	11,26	33	355	54,0	42
MISTRAL-L C 100-2 C 6	214,4	413,9	48950	56	1x2	1000	930	4960	11,26	44	388	54,0	42
MISTRAL-L C 100-3 B 6	296,7	465,7	78650	58	1x3	1000	930	7440	16,89	49	523	64,0	54
MISTRAL-L C 100-3 C 6	319,2	620,9	73400	58	1x3	1000	930	7440	16,89	65	574	76,0	64
MISTRAL-L C 100-4 B 6	394,1	620,9	104850	59	1x4	1000	930	9920	22,52	65	691	64,0	54
MISTRAL-L C 100-4 C 6	428,9	827,9	97900	59	1x4	1000	930	9920	22,52	87	758	76,0	64
MISTRAL-L C 100-5 B 6	495,9	776,1	131050	59	1x5	1000	930	12400	28,15	81	859	89,0	76
MISTRAL-L C 100-5 C 6	535,4	1034,9	122350	59	1x5	1000	930	12400	28,15	108	943	89,0	76
MISTRAL-L C 100-2.2 B 6	393,9	620,9	104850	59	2x2	1000	930	9920	22,52	65	671	54,0	42
MISTRAL-L C 100-2.2 C 6	428,7	827,9	97900	59	2x2	1000	930	9920	22,52	87	738	54,0	42
MISTRAL-L C 100-3.2 B 6	593,5	931,4	157250	60	2x3	1000	930	14880	33,78	98	992	64,0	54
MISTRAL-L C 100-3.2 C 6	638,3	1241,8	146800	60	2x3	1000	930	14880	33,78	130	1092	76,0	64
MISTRAL-L C 100-4.2 B 6	788,1	1241,8	209700	61	2x4	1000	930	19840	45,04	130	1311	64,0	54
MISTRAL-L C 100-4.2 C 6	857,8	1655,8	195750	61	2x4	1000	930	19840	45,04	173	1445	76,0	64
MISTRAL-L C 100-5.2 B 6	991,8	1552,3	262100	62	2x5	1000	930	24800	56,3	162	1631	89,0	76
MISTRAL-L C 100-5.2 C 6	1070,8	2069,7	244700	62	2x5	1000	930	24800	56,3	216	1799	89,0	76
MISTRAL-L C 100-6.2 B 6	1187,9	1862,7	314550	63	2x6	1000	930	29760	67,56	195	1951	89,0	76
MISTRAL-L C 100-6.2 C 6	1277,4	2483,7	293650	63	2x6	1000	930	29760	67,56	259	2151	89,0	76

3 PH 8 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL-L C 100-1 A 8	72,8	103,2	21850	49	1x1	1000	670	770	2,28	11	171	28,0	22
MISTRAL-L C 100-1 B 8	84,9	155,2	20250	49	1x1	1000	670	770	2,28	17	188	35,0	28
MISTRAL-L C 100-1 C 8	87,5	206,8	18950	49	1x1	1000	670	770	2,28	22	204	42,0	35
MISTRAL-L C 100-2 A 8	143,6	207,0	43650	52	1x2	1000	670	1540	4,56	22	322	42,0	35
MISTRAL-L C 100-2 B 8	169,7	310,5	40500	52	1x2	1000	670	1540	4,56	33	355	54,0	42
MISTRAL-L C 100-2 C 8	176,7	413,9	37900	52	1x2	1000	670	1540	4,56	44	388	54,0	42
MISTRAL-L C 100-3 A 8	220,7	310,5	65500	54	1x3	1000	670	2310	6,84	33	473	54,0	42
MISTRAL-L C 100-3 B 8	255,4	465,7	60800	54	1x3	1000	670	2310	6,84	49	523	64,0	54
MISTRAL-L C 100-3 C 8	263,1	620,9	56800	54	1x3	1000	670	2310	6,84	65	574	76,0	64
MISTRAL-L C 100-4 A 8	287,4	413,9	87350	55	1x4	1000	670	3080	9,12	44	624	54,0	42
MISTRAL-L C 100-4 B 8	339,5	620,9	81050	55	1x4	1000	670	3080	9,12	65	691	64,0	54
MISTRAL-L C 100-4 C 8	353,4	827,9	75750	55	1x4	1000	670	3080	9,12	87	758	76,0	64
MISTRAL-L C 100-5 A 8	366,3	517,4	109200	55	1x5	1000	670	3850	11,4	54	776	76,0	64
MISTRAL-L C 100-5 B 8	426,8	776,1	101300	55	1x5	1000	670	3850	11,4	81	859	89,0	76
MISTRAL-L C 100-5 C 8	441,0	1034,9	94700	55	1x5	1000	670	3850	11,4	108	943	89,0	76
MISTRAL-L C 100-2.2 A 8	287,2	413,9	87350	55	2x2	1000	670	3080	9,12	44	604	42,0	35
MISTRAL-L C 100-2.2 B 8	339,4	620,9	81050	55	2x2	1000	670	3080	9,12	65	671	54,0	42
MISTRAL-L C 100-2.2 C 8	353,3	827,9	75750	55	2x2	1000	670	3080	9,12	87	738	54,0	42
MISTRAL-L C 100-3.2 A 8	441,5	620,9	131000	56	2x3	1000	670	4620	13,68	65	891	54,0	42
MISTRAL-L C 100-3.2 B 8	510,9	931,4	121550	56	2x3	1000	670	4620	13,68	98	992	64,0	54
MISTRAL-L C 100-3.2 C 8	526,2	1241,8	113650	56	2x3	1000	670	4620	13,68	130	1092	76,0	64
MISTRAL-L C 100-4.2 A 8	574,7	827,9	174700	57	2x4	1000	670	6160	18,24	87	1177	54,0	42
MISTRAL-L C 100-4.2 B 8	679,0	1241,8	162100	57	2x4	1000	670	6160	18,24	130	1311	64,0	54
MISTRAL-L C 100-4.2 C 8	706,8	1655,8	151550	57	2x4	1000	670	6160	18,24	173	1445	76,0	64
MISTRAL-L C 100-5.2 A 8	732,6	1034,9	218350	58	2x5	1000	670	7700	22,8	108	1464	76,0	64
MISTRAL-L C 100-5.2 B 8	853,5	1552,3	202600	58	2x5	1000	670	7700	22,8	162	1631	89,0	76
MISTRAL-L C 100-5.2 C 8	882,0	2069,7	189400	58	2x5	1000	670	7700	22,8	216	1799	89,0	76
MISTRAL-L C 100-6.2 A 8	883,8	1241,8	262050	59	2x6	1000	670	9240	27,36	130	1750	76,0	64
MISTRAL-L C 100-6.2 B 8	1022,4	1862,7	243150	59	2x6	1000	670	9240	27,36	195	1951	89,0	76
MISTRAL-L C 100-6.2 C 8	1052,9	2483,7	227300	59	2x6	1000	670	9240	27,36	259	2151	89,0	76

Capacity: R404A Tc=40°C Ts=65°C Ta=25°C

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# MISTRAL-XL 100

Air-cooled condensers and drycoolers

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Ø 1000 mm

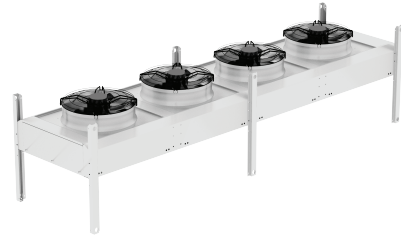
FAN DIAMETER

100 ÷ 1150 kW

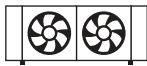
CAPACITY DT-15°C

1 - 10

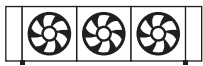
NUMBER OF FANS



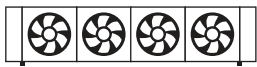
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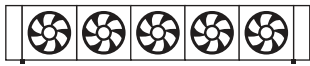
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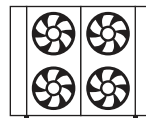
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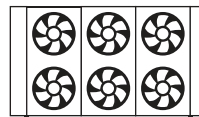
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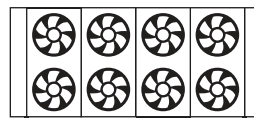
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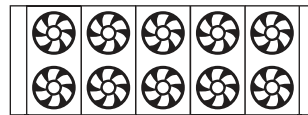
**MISTRAL-XL 100-2.2**



**MISTRAL-XL 100-3.2**



**MISTRAL-XL 100-4.2**



**MISTRAL-XL 100-5.2**

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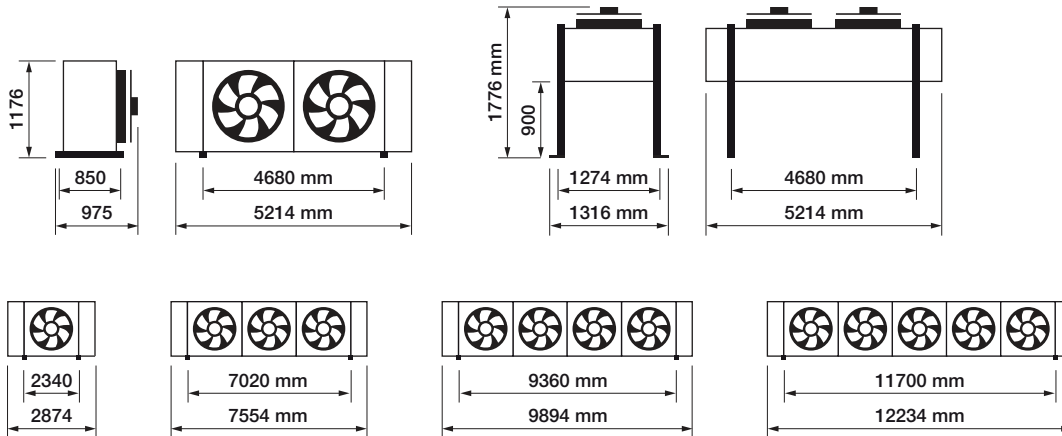
# MISTRAL-XL 100

Air-cooled condensers and drycoolers

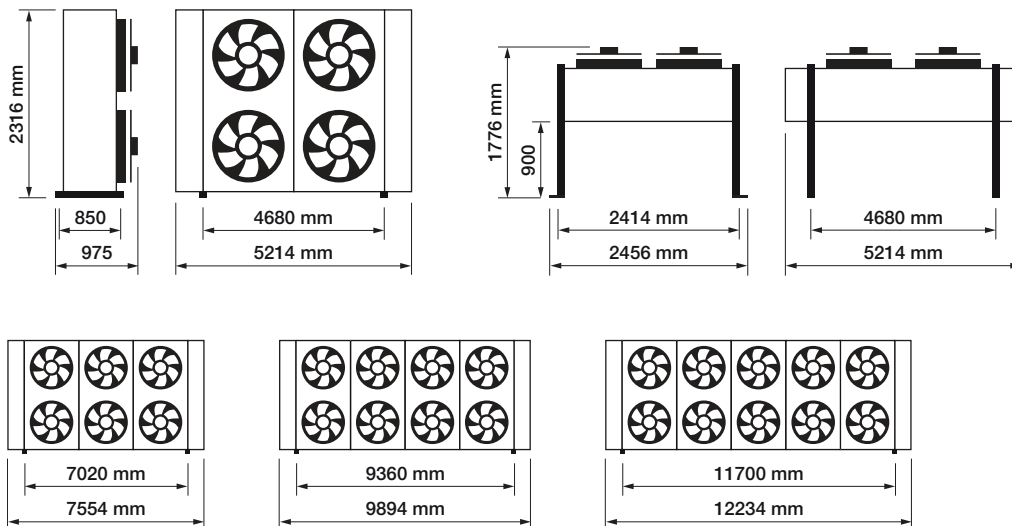
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## DIMENSIONS

### MISTRAL-XL 100-1/2/3/4/5



### MISTRAL-XL 100-2.2/3.2/4.2/5.2



## UNIT IDENTIFICATION

MISTRAL XL C 100 2.2 B 4D EC H

<b>MISTRAL</b>	Air-cooled condensers and drycoolers
<b>XL</b>	not present = std coil length   L = large coil XL = extra large coil
<b>C</b>	C = condenser   W = dry cooler
<b>100</b>	fan diameter 1000 mm

<b>2.2</b>	fan number = 2 x 2 = 4
<b>B</b>	A - B - C = coil type
<b>4D</b>	4 = electric motor poles   D - Y - S = motor type
<b>EC</b>	electronic motor if present
<b>H</b>	H = Horizontal Air Flow   V = Vertical Air flow

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**KALTRA**

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# MISTRAL-XL 100

Air-cooled condensers and drycoolers

www.kaltra.de

3 PH 6 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL-XL C 100-1 B 6	108,3	186,1	27800	53	1x1	1000	930	2480	5,63	20	211	42,0	35
MISTRAL-XL C 100-1 C 6	117,2	248,4	26300	53	1x1	1000	930	2480	5,63	26	231	54,0	42
MISTRAL-XL C 100-2 B 6	217,1	372,5	55600	56	1x2	1000	930	4960	11,26	39	402	64,0	54
MISTRAL-XL C 100-2 C 6	234,5	496,7	52650	56	1x2	1000	930	4960	11,26	52	442	76,0	64
MISTRAL-XL C 100-3 B 6	322,6	558,8	83400	58	1x3	1000	930	7440	16,89	59	593	64,0	54
MISTRAL-XL C 100-3 C 6	346,2	745,1	78950	58	1x3	1000	930	7440	16,89	78	654	76,0	64
MISTRAL-XL C 100-4 B 6	434,4	745,1	111200	59	1x4	1000	930	9920	22,52	78	784	89,0	76
MISTRAL-XL C 100-4 C 6	469,3	993,5	105250	59	1x4	1000	930	9920	22,52	104	865	89,0	76
MISTRAL-XL C 100-5 B 6	542,9	931,4	139000	59	1x5	1000	930	12400	28,15	98	976	89,0	76
MISTRAL-XL C 100-5 C 6	583,3	1241,8	131600	59	1x5	1000	930	12400	28,15	130	1076	89,0	64
MISTRAL-XL C 100-2.2 B 6	434,2	745,1	111200	59	2x2	1000	930	9920	22,52	78	759	64,0	54
MISTRAL-XL C 100-2.2 C 6	469,1	993,5	105250	59	2x2	1000	930	9920	22,52	104	839	76,0	64
MISTRAL-XL C 100-3.2 B 6	645,2	1117,6	166800	60	2x3	1000	930	14880	33,78	117	1123	64,0	54
MISTRAL-XL C 100-3.2 C 6	692,4	1490,2	157900	60	2x3	1000	930	14880	33,78	156	1243	76,0	64
MISTRAL-XL C 100-4.2 B 6	868,8	1490,2	222400	61	2x4	1000	930	19840	45,04	156	1486	89,0	76
MISTRAL-XL C 100-4.2 C 6	938,5	1986,9	210550	61	2x4	1000	930	19840	45,04	208	1646	89,0	76
MISTRAL-XL C 100-5.2 B 6	1085,8	1862,7	278000	62	2x5	1000	930	24800	56,3	195	1850	89,0	76
MISTRAL-XL C 100-5.2 C 6	1166,6	2483,7	263200	62	2x5	1000	930	24800	56,3	259	2051	89,0	76

3 PH 8 poles	CAPACITY	SURFACE	AIR FLOW	SOUND PRESSURE	N° FANS x DIAMETER	FAN Ø	FAN SPEED	POWER	CURRENT	VOLUME	WEIGHT	Ø IN	Ø OUT
	kW	m²	m³/h	dB(A) @ 5m	Nr. x Ø mm	mm	Rpm	W	A	lt	kg	mm	mm
MISTRAL-XL C 100-1 A 8	79,6	124,2	22800	49	1x1	1000	670	770	2,28	13	191	28,0	22
MISTRAL-XL C 100-1 B 8	92,4	186,1	21500	49	1x1	1000	670	770	2,28	20	211	42,0	35
MISTRAL-XL C 100-1 C 8	95,8	248,4	20350	49	1x1	1000	670	770	2,28	26	231	54,0	42
MISTRAL-XL C 100-2 A 8	159,4	248,4	45550	52	1x2	1000	670	1540	4,56	26	362	54,0	42
MISTRAL-XL C 100-2 B 8	185,1	372,5	42950	52	1x2	1000	670	1540	4,56	39	402	64,0	54
MISTRAL-XL C 100-2 C 8	191,8	496,7	40750	52	1x2	1000	670	1540	4,56	52	442	76,0	64
MISTRAL-XL C 100-3 A 8	240,1	372,5	68350	54	1x3	1000	670	2310	6,84	39	533	54,0	42
MISTRAL-XL C 100-3 B 8	275,4	558,8	64450	54	1x3	1000	670	2310	6,84	59	593	64,0	54
MISTRAL-XL C 100-3 C 8	283,6	745,1	61100	54	1x3	1000	670	2310	6,84	78	654	76,0	64
MISTRAL-XL C 100-4 A 8	319,0	496,7	91100	55	1x4	1000	670	3080	9,12	52	704	76,0	64
MISTRAL-XL C 100-4 B 8	370,4	745,1	85900	55	1x4	1000	670	3080	9,12	78	784	89,0	76
MISTRAL-XL C 100-4 C 8	383,6	993,5	81450	55	1x4	1000	670	3080	9,12	104	865	89,0	76
MISTRAL-XL C 100-5 A 8	402,3	620,9	113900	55	1x5	1000	670	3850	11,4	65	876	76,0	64
MISTRAL-XL C 100-5 B 8	462,8	931,4	107400	55	1x5	1000	670	3850	11,4	98	976	89,0	76
MISTRAL-XL C 100-5 C 8	477,1	1241,8	101800	55	1x5	1000	670	3850	11,4	130	1076	89,0	64
MISTRAL-XL C 100-2.2 A 8	318,8	496,7	91100	55	2x2	1000	670	3080	9,12	52	678	54,0	42
MISTRAL-XL C 100-2.2 B 8	370,3	745,1	85900	55	2x2	1000	670	3080	9,12	78	759	64,0	54
MISTRAL-XL C 100-2.2 C 8	383,5	993,5	81450	55	2x2	1000	670	3080	9,12	104	839	76,0	64
MISTRAL-XL C 100-3.2 A 8	480,2	745,1	136650	56	2x3	1000	670	4620	13,68	78	1002	54,0	42
MISTRAL-XL C 100-3.2 B 8	550,7	1117,6	128900	56	2x3	1000	670	4620	13,68	117	1123	64,0	54
MISTRAL-XL C 100-3.2 C 8	567,2	1490,2	122200	56	2x3	1000	670	4620	13,68	156	1243	76,0	64
MISTRAL-XL C 100-4.2 A 8	637,9	993,5	182200	57	2x4	1000	670	6160	18,24	104	1325	76,0	64
MISTRAL-XL C 100-4.2 B 8	740,8	1490,2	171850	57	2x4	1000	670	6160	18,24	156	1486	89,0	76
MISTRAL-XL C 100-4.2 C 8	767,3	1986,9	162900	57	2x4	1000	670	6160	18,24	208	1646	89,0	76
MISTRAL-XL C 100-5.2 A 8	804,6	1241,8	227750	58	2x5	1000	670	7700	22,8	130	1649	76,0	64
MISTRAL-XL C 100-5.2 B 8	925,5	1862,7	214800	58	2x5	1000	670	7700	22,8	195	1850	89,0	76
MISTRAL-XL C 100-5.2 C 8	954,2	2483,7	203650	58	2x5	1000	670	7700	22,8	259	2051	89,0	76

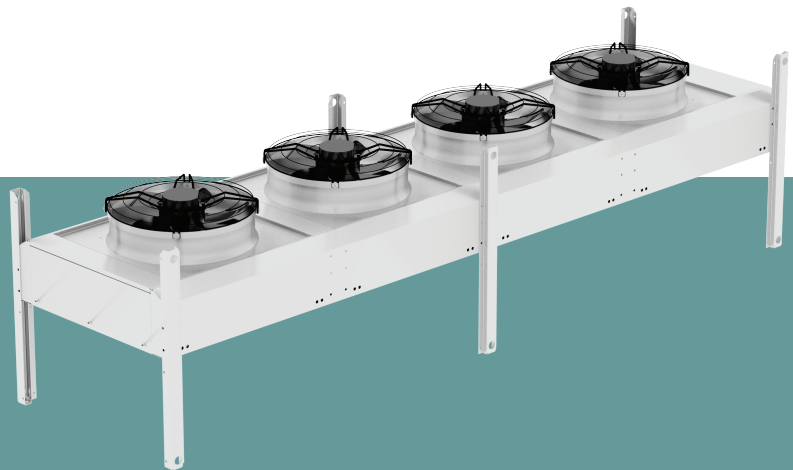
Capacity: R404A Tc=40°C Ts=65°C Ta=25°C

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**MISTRAL 35**  
**MISTRAL 50**  
**MISTRAL 63**  
**MISTRAL-L 63**  
**MISTRAL 80**  
**MISTRAL-L 80**  
**MISTRAL-L 90**  
**MISTRAL-XL 90**  
**MISTRAL-L 100**  
**MISTRAL-XL 100**



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