

## TECHNICAL DATA AND NOMINAL PERFORMANCES



### MULTIPLA.A axial fans

MODEL		64	74	100	124	188	220	260	300
		Z2	Z2	Z2	Z2	F2	F2	F2	F2
Size		G6	G6	G8B	G8B	G8	G8	G8	G8
<b>COOLING (1)</b>									
Cooling capacity	kW	68,7	77,1	103,0	125,0	161,0	191,0	241,0	271,0
Power input	kW	21,3	25,5	35,6	45,8	53,4	64,1	75,4	92,3
<b>HEATING (2)</b>									
Heating capacity	kW	82,3	92,4	124,0	153,0	195,0	228,0	279,0	318,0
Power input	kW	23,0	25,5	34,9	42,1	53,0	62,1	72,8	85,6
<b>COOLING + HEATING (3)</b>									
Cooling capacity	kW	66,4	76,5	103,0	130,0	149,0	183,0	230,0	268,0
Heating capacity	kW	90,1	103,0	140,0	175,0	205,0	250,0	309,0	364,0
Power input	kW	23,7	26,6	36,6	44,5	56,2	67,0	79,7	95,2
Compressors	n.	2	2	2	2	2	2	2	2
Gas circuits	n.	2	2	2	2	2	2	2	2
Weight	kg	1060	1160	1485	1535	1950	2260	2600	2650
Sound pressure (4)	dB(A)	65,5	65,6	65,7	66,0	67,1	74,3	74,1	74,1



### MULTIPLA.A.ELN axial fans - extra low noise

MODEL		64	74	100	124	188	220	260	300
		Z2	Z2	Z2	Z2	F2	F2	F2	F2
Size		G6	G6	G8B	G8B	G8	G8	G8	G8
<b>COOLING (1)</b>									
Cooling capacity	kW	63,8	71,7	97,2	124,0	149,0	179,0	222,0	261,0
Power input	kW	24,2	28,4	38,6	46,4	56,0	66,4	78,9	95,3
<b>HEATING (2)</b>									
Heating capacity	kW	78,4	88,4	120,0	155,0	185,0	220,0	266,0	309,0
Power input	kW	22,7	25,4	34,8	42,3	51,3	60,6	70,4	84,3
<b>COOLING + HEATING (3)</b>									
Cooling capacity	kW	65,0	74,7	101,0	130,0	145,0	179,0	224,0	265,0
Heating capacity	kW	88,8	102,0	138,0	175,0	201,0	245,0	303,0	359,0
Power input	kW	23,7	26,8	36,6	44,5	55,6	66,5	78,8	94,7
Compressors	n.	2	2	2	2	2	2	2	2
Gas circuits	n.	2	2	2	2	2	2	2	2
Weight	kg	1060	1160	1485	1535	1950	2260	2600	2650
Sound pressure (4)	dB(A)	55,3	56,4	56,6	59,3	60,5	64,8	66,1	69,2

(1) Referred to chilled water temperature 12/7°C and air to the condenser at 35°C

(2) Referred to hot water temperature 40/45°C and outdoor temperature at 7°C

(3) Referred to chilled water outlet temperature at 7°C and hot water outlet temperature at 45°C

(4) Sound pressure 1m far in free field conditions according to ISO3744 norms

POWER SUPPLY: 400.3.50+N

## TECHNICAL DATA AND NOMINAL PERFORMANCES

### **MULTIPLO.C** centrifugal fans

MODEL		64	74	100	124	188	220	260	300
		Z2	Z2	Z2	Z2	F2	F2	F2	F2
Size		G7	G7	G8	G8	G8	G8	G8	G8
<b>COOLING (1)</b>									
Cooling capacity	kW	63,8	73,5	103,0	127,0	157,0	189,0	229,0	266,0
Power input	kW	24,2	27,4	35,6	44,6	54,3	64,5	77,7	95,3
<b>HEATING (2)</b>									
Heating capacity	kW	78,4	91,5	124,0	154,0	196,0	226,0	275,0	315,0
Power input	kW	22,7	25,5	34,9	42,2	53,2	61,7	72,0	85,2
<b>COOLING + HEATING (3)</b>									
Cooling capacity	kW	65,0	75,5	103,0	131,0	148,0	182,0	226,0	266,0
Heating capacity	kW	88,8	102,0	140,0	175,0	204,0	249,0	305,0	360,0
Power input	kW	23,7	26,6	36,6	44,5	56,0	66,9	79,1	94,8
Compressors	n.	2	2	2	2	2	2	2	2
Gas circuits	n.	2	2	2	2	2	2	2	2
Weight	kg	1400	1330	2065	2085	2480	2570	2960	3000
Sound pressure (4)	dB(A)	68,5	70,4	66,2	69,0	74,5	78,4	78,3	80,1

### **MULTIPLO.C.ELN** centrifugal fans - extra low noise

MODEL		64	74	100	124	188	220	260	300
		Z2	Z2	Z2	Z2	F2	F2	F2	F2
Size		G7	G7	G8	G8	G8	G8	G8	G8
<b>COOLING (1)</b>									
Cooling capacity	kW	62,5	71,9	97,3	126,0	148,0	178,0	219,0	256,0
Power input	kW	25,2	28,3	38,5	45,3	56,2	66,6	79,4	96,2
<b>HEATING (2)</b>									
Heating capacity	kW	77,3	90,4	120,0	157,0	189,0	218,0	268,0	311,0
Power input	kW	22,7	25,5	34,7	42,4	51,9	60,3	70,8	84,7
<b>COOLING + HEATING (3)</b>									
Cooling capacity	kW	64,7	75,0	102,0	131,0	145,0	178,0	223,0	263,0
Heating capacity	kW	88,4	102,0	138,0	175,0	201,0	245,0	302,0	357,0
Power input	kW	23,8	26,6	36,6	44,4	55,5	66,4	78,6	94,3
Compressors	n.	2	2	2	2	2	2	2	2
Gas circuits	n.	2	2	2	2	2	2	2	2
Weight	kg	1400	1330	2065	2085	2480	2570	2960	3000
Sound pressure (4)	dB(A)	64,8	68,5	66,8	65,8	67,6	72,5	74,5	78,2

- (1) Referred to chilled water temperature 12/7°C and air to the condenser at 35°C  
 (2) Referred to hot water temperature 40/45°C and outdoor temperature at 7°C  
 (3) Referred to chilled water outlet temperature at 7°C and hot water outlet temperature at 45°C  
 (4) Sound pressure 1m far in free field conditions according to ISO3744 norms  
 POWER SUPPLY: 400.3.50+N

## TECHNICAL DATA AND NOMINAL PERFORMANCES

### MULTIPLO.SCREW.A axial fans

MODEL		180	220	260	320	360	410	480	545	625
		V2	V2	V2	V2	V2	V2	V2	V2	V2
Size		N8	N8	N9	U9	U9	U10	U10	U11	U12
<b>COOLING (1)</b>										
Cooling capacity	kW	182,0	219,0	262,0	320,0	353,0	414,0	480,0	546,0	626,0
Power input	kW	59,4	69,4	83,1	101,0	115,0	128,0	152,0	163,0	189,0
<b>HEATING (2)</b>										
Heating capacity	kW	215,0	259,0	305,0	338,0	418,0	473,0	560,0	636,0	711,0
Power input	kW	56,6	66,0	78,2	86,5	101,0	115,0	137,0	154,0	176,0
<b>COOLING + HEATING (3)</b>										
Cooling capacity	kW	186,0	224,0	268,0	333,0	373,0	423,0	508,0	561,0	646,0
Heating capacity	kW	245,0	294,0	352,0	434,0	490,0	563,0	666,0	734,0	855,0
Power input	kW	59,7	69,9	83,8	101,0	117,0	140,0	157,0	174,0	209,0
Compressors	n.	2	2	2	2	2	2	2	2	2
Gas circuits	n.	2	2	2	2	2	2	2	2	2
Weight	kg	1850	1916	2636	4368	4568	5100	5846	6348	7004
Sound pressure (4)	dB(A)	75,2	75,2	75,6	75,9	76,0	78,3	78,3	78,5	80,3

(1) Referred to chilled water temperature 12/7°C and air to the condenser at 35°C

(2) Referred to hot water temperature 40/45°C and outdoor temperature at 7°C

(3) Referred to chilled water outlet temperature at 7°C and hot water outlet temperature at 45°C

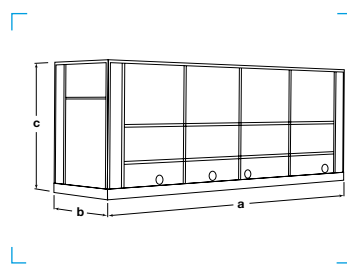
(4) Sound pressure 1m far in free field conditions according to ISO3744 norms

POWER SUPPLY: 400.3.50

## DIMENSIONS (mm)

### MULTIPLO "G"

Size	a	b	c
<b>G6</b> (axial)	3.600	1.290	1.690
<b>G7</b> (centrifugal)	3.600	1.290	2.010
<b>G8B</b> (axial)	5.170	1.290	1.730
<b>G8</b> (axial)	5.170	1.290	2.280
<b>G8</b> (centrifugal)	5.170	1.290	2.050



### MULTIPLO.SCREW "U-N"

Size	a	b	c
<b>N8</b>	4.400	1.800	1.990
<b>N9</b>	5.400	1.800	1.990
<b>U9</b>	4.510	2.130	2.430
<b>U10</b>	5.500	2.130	2.430
<b>U11</b>	6.490	2.130	2.430
<b>U12</b>	7.480	2.130	2.430

