

OTI



# W E E R

other

## BRAT-MC 0011÷0121



## Condensing unit

4,9 - 32,9 kW

## Unit Description

Outdoor split-system unit working with R410A refrigerant for connection with direct expansion coils or remote exchangers, with hermetic rotary scroll compressor and axial-flow fans. External panels and basement and base in galvanised sheet steel with paint finish.

## Versions

B	base version
SL	super-low noise version

## Features

Coil protection grid for models 0011÷0061.

Structure and base in hot-dip galvanised steel with epoxy powder paint finish.

External access to control with anti-tamper device.

Finned coils made with copper pipes and aluminium fins with large exchange surface area, tested for leaks with dried air at 30 bar.

User interface with display.

Phase sequence controller for models 0071÷0121

## Main accessories

- Rubber anti-vibration mounting kit
- Coil protection grid for models 0071÷0121
- External main switch kit
- HSW10 remote keyboard

**NEW!**



## BRAT-MC / B

Models		0011	0021	0025	0031	0041	0021	0025	0031
<b>COOLING ONLY VERSION</b>									
Nominal Cooling capacity (1)	kW	5,6	6,6	7,5	9,6	12,7	6,1	7,5	9,3
Total absorbed power (1)	kW	1,9	2,2	2,5	3,4	4,1	2,0	2,4	3,2
Absorbed current	A	9,2	9,8	12,4	15,6	18,7	4,2	4,4	5,9
Operational weight	kg	80	85	100	105	125	85	100	105
No. fans	N.	1	1	1	1	2	1	1	1
Airflow	m <sup>3</sup> /h	2400	3500	3500	4200	6800	3500	3500	4200
Compressor type		SCROLL	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A	R410A	R410A
Sound pressure level (2)	dB(A)	51	52	52	52	54	52	52	52
Sound power	dB(A)	65	66	66	66	69	66	66	66
Electrical power supply	V-Ph-Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	230V~50Hz	400V-3N~50Hz	400V-3N~50Hz	400V-3N~50Hz
<b>DIMENSION</b>									
L	mm	900	900	900	900	900	900	900	900
H	mm	640	640	940	940	1240	640	940	940
P	mm	370	370	370	370	370	370	370	370

Models		0041	0051	0061	0071	0091	0101	0121
<b>COOLING ONLY VERSION</b>								
Nominal Cooling capacity (1)	kW	12,7	14,3	16,5	20,8	23,5	29,5	35,8
Total absorbed power (1)	kW	4,3	4,7	5,3	6,9	7,9	8,4	11,4
Absorbed current	A	8,4	9,0	9,7	14,6	15,8	21,7	24,6
Operational weight	kg	125	145	155	245	250	320	325
No. fans	N.	2	2	2	1	1	2	2
Airflow	m <sup>3</sup> /h	6800	6800	6400	9800	9800	14000	14000
Compressor type		SCROLL	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A	R410A
Sound pressure level (2)	dB(A)	54	54	54	61	61	63	63
Sound power	dB(A)	69	69	69	76	76	79	79
Electrical power supply	V-Ph-Hz	400V-3N~50Hz	400V-3N~50Hz	400V-3N~50Hz	400V-3N~50Hz	400V-3N~50Hz	400V-3N~50Hz	400V-3N~50Hz
<b>DIMENSION</b>								
L	mm	900	900	900	1450	1450	1450	1450
H	mm	1240	1240	1390	1200	1200	1700	1700
P	mm	370	370	420	550	550	550	550

Note:

1 Saturated intake temperature = 5°C; Condenser air (in) = 35°C.

2 Noise level measured at 1 m in open field conditions

## BRAT-MC / SL

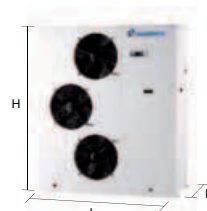
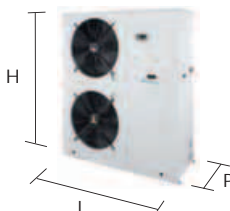
Models		0071	0091	0101	0121
<b>COOLING ONLY VERSION</b>					
Nominal Cooling capacity (1)	kW	20,1	22,7	27,8	33,4
Total absorbed power (1)	kW	6,9	8,0	8,8	11,8
Absorbed current	A	12,4	13,6	18,6	21,5
Operational weight	kg	245	250	320	325
No. fans	N.	2	2	3	3
Airflow	m <sup>3</sup> /h	7000	7000	10500	10500
Compressor type		SCROLL	SCROLL	SCROLL	SCROLL
Refrigerant		R410A	R410A	R410A	R410A
Sound pressure level (2)	dB(A)	59	59	60	60
Sound power	dB(A)	74	74	76	76
Electrical power supply	V-Ph-Hz	400V-3N~50Hz	400V-3N~50Hz	400V-3N~50Hz	400V-3N~50Hz
<b>DIMENSION</b>					
L	mm	1450	1450	1450	1450
H	mm	1200	1200	1700	1700
P	mm	550	550	550	550

Note:

1 Saturated intake temperature = 5°C; Condenser air (in) = 35°C..

2 Noise level measured at 1 m in open field conditions

## Dimension



other

# HCAT 0152÷0604



## Versions

B	base version
HT	high efficiency, high outdoor temperature version
LN	low noise version
SL	super-low noise version

## Features

### TOTAL VERSATILITY

Condensing units with scroll compressors in 4 versions, designed to satisfy all service system and application requirements.

### CONTINUAL FAN SPEED CONTROL

The standard bi-compressor type HCAT units come fitted with continual fan speed control to guarantee more flexibility and adaptability

### INTEGRAL SAFETY DEVICES

Standard units are all fitted with high and low pressure switches, high-pressure safety valve and magnetothermal circuit breakers on loads (bi-compressor unit only)

## Condensing unit

38 - 160 kW

### Unit Description

Outdoor split-system unit for connection with direct expansion coils or remote exchangers, with hermetic rotary scroll compressors, axial-flow fans, compressor inlet and outlet valves with servicing plugs and liquid tap. External panels in Peraluman and base in galvanised sheet steel with paint finish. Refrigerant R407C, units with two and four-compressors, two refrigerant circuits.



## HCAT / B

Models		0152	0182	0202	0252	0302	0412	0512	0524	0604
<b>COOLING</b>										
Cooling capacity (1)	kW	37,7	47,0	54,7	66,5	79,8	112	139	141	160
Total power input (1)	kW	14,5	17,9	20,3	25,3	29,6	39,4	47,8	55,6	64,7
<b>COMPRESSORS</b>										
No. Compressors/No. Circuits	N.	2/2	2/2	2/2	2/2	2/2	2/2	2/2	4/2	4/2
<b>NOISE LEVELS</b>										
Sound power (2)	dB(A)	78	79	79	81	81	85	85	94	94
Sound pressure (3)	dB(A)	46	47	47	49	49	53	53	62	62
<b>SIZE</b>										
A	mm	1695	2195	2195	2745	2745	3245	3245	3110	3110
B	mm	1120	1120	1120	1120	1120	1120	1120	2220	2220
H	mm	1420	1420	1420	1420	1420	1620	1620	1700	1700
Operating weight	kg	510	570	600	675	775	910	980	1520	1600

Note:

- 1 Saturated intake temperature = 5°C; Condenser air (in) = 35°C.
- 2 Sound power on the basis of measurements made in compliance with ISO 9614 and Eurovent 8/1 for Eurovent certified units; in compliance with ISO 3744 for non-certified units.
- 3 Average sound pressure level, at 10m distance, unit in a free field on a reflective surface; non-binding value obtained from the sound power level.

## HCAT / HT

Models		0524	0604
<b>COOLING</b>			
Cooling capacity (1)	kW	146	170
Total power input (1)	kW	53,3	60,3
<b>COMPRESSORS</b>			
No. Compressors/No. Circuits	N.	4/2	4/2
<b>NOISE LEVELS</b>			
Sound power (2)	dB(A)	94	94
Sound pressure (3)	dB(A)	62	62
<b>SIZE</b>			
A	mm	3110	3110
B	mm	2220	2220
H	mm	1700	2150
Operating weight	kg	1620	1700

Note:

- 1 Saturated intake temperature = 5°C; Condenser air (in) = 35°C.
- 2 Sound power on the basis of measurements made in compliance with ISO 9614 and Eurovent 8/1 for Eurovent certified units; in compliance with ISO 3744 for non-certified units.
- 3 Average sound pressure level, at 10m distance, unit in a free field on a reflective surface; non-binding value obtained from the sound power level.

## HCAT / LN

Models		0524	0604
<b>COOLING</b>			
Cooling capacity (1)	kW	134	152
Total power input (1)	kW	54,6	64,5
<b>COMPRESSORS</b>			
No. Compressors/No. Circuits	N.	4/2	4/2
<b>NOISE LEVELS</b>			
Sound power (2)	dB(A)	86	86
Sound pressure (3)	dB(A)	54	54
<b>SIZE</b>			
A	mm	3110	3110
B	mm	2220	2220
H	mm	1700	1700
Operating weight	kg	1520	1600

Note:

- 1 Saturated intake temperature = 5°C; Condenser air (in) = 35°C.
- 2 Sound power on the basis of measurements made in compliance with ISO 9614 and Eurovent 8/1 for Eurovent certified units; in compliance with ISO 3744 for non-certified units.
- 3 Average sound pressure level, at 10m distance, unit in a free field on a reflective surface; non-binding value obtained from the sound power level.

## HCAAT / SL

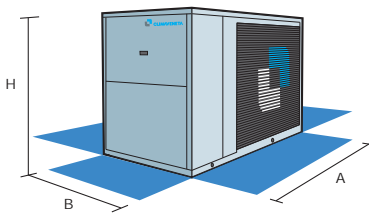
Models		0524	0604
<b>COOLING</b>			
Cooling capacity (1)	kW	132	152
Total power input (1)	kW	54,1	63,3
<b>COMPRESSORS</b>			
No. Compressors/No. Circuits	N.	4/2	4/2
<b>NOISE LEVELS</b>			
Sound power (2)	dB(A)	79	79
Sound pressure (3)	dB(A)	47	47
<b>SIZE</b>			
A	mm	3110	3110
B	mm	2220	2220
H	mm	1700	2150
Operating weight	kg	1620	1700

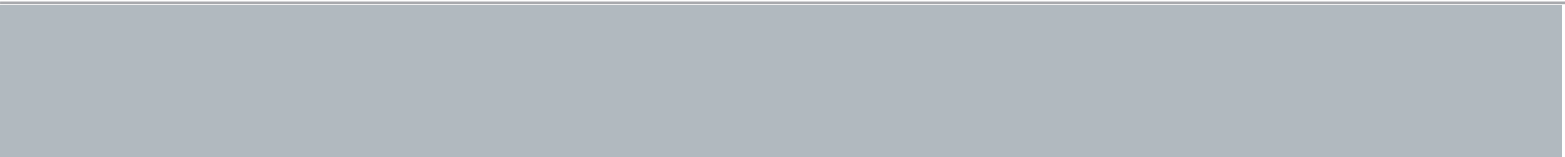
**Note:**

- 1 Saturated intake temperature = 5°C; Condenser air (in) = 35°C.
- 2 Sound power on the basis of measurements made in compliance with ISO 9614 and Eurovent 8/1 for Eurovent certified units; in compliance with ISO 3744 for non-certified units.
- 3 Average sound pressure level, at 10m distance, unit in a free field on a reflective surface; non-binding value obtained from the sound power level.

**Minimum clearance required**

		0524-0604
Switchboard side	mm	600
Switchboard opposite side	mm	600
Condensation coil side	mm	1000







other

# MCAT 0501÷1422



## Versions

B	base version
HT	high efficiency, high outdoor temperature version
LN	low noise version
SL	super-low noise version

## Features

### TOTAL VERSATILITY

Condensing units with scroll compressors in 4 versions, designed to satisfy all service system and application requirements.

### SEMI-HERMETIC RECIPROCATING COMPRESSORS

The MCAT units are fitted with semi-hermetic reciprocating compressors with the possibility of extra capacity control step

### INCORPORATED LIQUID RECEIVER

Standard units are all fitted with liquid receiver to ensure best operation of the condensing section

## Condensing unit

119 - 325 kW

### Unit Description

Outdoor split-system unit for connection with direct expansion coils or remote exchangers. Semi-hermetic reciprocating compressors, axial-flow fans, liquid receiver, compressor inlet and outlet valves with servicing plugs and liquid tap. External panels in Peraluman and base in galvanised sheet steel with paint finish. Refrigerant R407C, units with 1 or 2 compressors, single or double circuits.



## MCAT / B

Models		0501	0601	0502	0602	0702	0802	0822	1002	1202	1222	1422
<b>COOLING</b>												
Cooling capacity (1)	kW	119	141	115	134	160	188	203	236	282	297	325
Total power input (1)	kW	46,7	55,9	42,8	51,2	68,2	81,0	80,3	93,9	112	*	*
<b>COMPRESSORS</b>												
No. Compressors/No. Circuits	N.	1/1	1/1	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2
<b>NOISE LEVELS</b>												
Sound power (2)	dB(A)	*	*	*	*	*	*	*	*	*	*	*
Sound pressure (3)	dB(A)	*	*	*	*	*	*	*	*	*	*	*
<b>SIZE</b>												
A	mm	3110	3110	3110	3110	3110	3110	3110	3110	4110	*	*
B	mm	2220	2220	2220	2220	2220	2220	2220	2220	2220	*	*
H	mm	1540	1540	1540	1540	1540	1540	1990	1990	1990	*	*
Operating weight	kg	1260	1310	1350	1420	1500	1610	1690	1870	2060	*	*

Note:

- 1 Saturated intake temperature = 5°C; Condenser air (in) = 35°C.
- 2 Sound power on the basis of measurements made in compliance with ISO 9614 and Eurovent 8/1 for Eurovent certified units; in compliance with ISO 3744 for non-certified units.
- 3 Average sound pressure level, at 10m distance, unit in a free field on a reflective surface; non-binding value obtained from the sound power level.

## MCAT / HT

Models		0501	0601	0502	0602	0702	0802	0822	1002	1202	1222	1422
<b>COOLING</b>												
Cooling capacity (1)	kW	127	149	122	143	174	211	223	256	305	321	351
Total power input (1)	kW	46,6	55,5	43,2	51,5	63,9	76,5	77,3	89,5	109		
<b>COMPRESSORS</b>												
No. Compressors/No. Circuits	N.	1/1	1/1	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2
<b>NOISE LEVELS</b>												
Sound power (2)	dB(A)	*	*	*	*	*	*	*	*	*		
Sound pressure (3)	dB(A)	*	*	*	*	*	*	*	*	*		
<b>SIZE</b>												
A	mm	3110	3110	3110	3110	3110	4110	4110	4110	5110		
B	mm	2220	2220	2220	2220	2220	2220	2220	2220	2220		
H	mm	1540	1540	1540	1540	1990	1990	1990	1990	1990		
Operating weight	kg	1330	1390	1430	1500	1640	1880	1890	2100	2340		

Note:

- 1 Saturated intake temperature = 5°C; Condenser air (in) = 35°C.
- 2 Sound power on the basis of measurements made in compliance with ISO 9614 and Eurovent 8/1 for Eurovent certified units; in compliance with ISO 3744 for non-certified units.
- 3 Average sound pressure level, at 10m distance, unit in a free field on a reflective surface; non-binding value obtained from the sound power level.

## MCAT / LN

Models		0501	0601	0502	0602	0702	0802	0822	1002	1202	1222	1422
<b>COOLING</b>												
Cooling capacity (1)	kW	115	135	111	129	154	179	195	226	271	285	312
Total power input (1)	kW	48,0	57,7	43,9	52,6	70,2	83,7	82,5	97,4	115		
<b>COMPRESSORS</b>												
No. Compressors/No. Circuits	N.	1/1	1/1	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2
<b>NOISE LEVELS</b>												
Sound power (2)	dB(A)	*	*	*	*	*	*	*	*	*		
Sound pressure (3)	dB(A)	*	*	*	*	*	*	*	*	*		
<b>SIZE</b>												
A	mm	3110	3110	3110	3110	3110	3110	3110	3110	4110		
B	mm	2220	2220	2220	2220	2220	2220	2220	2220	2220		
H	mm	1540	1540	1540	1540	1540	1540	1990	1990	1990		
Operating weight	kg	1260	1310	1350	1420	1500	1610	1690	1870	2060		

Note:

- 1 Saturated intake temperature = 5°C; Condenser air (in) = 35°C.
- 2 Sound power on the basis of measurements made in compliance with ISO 9614 and Eurovent 8/1 for Eurovent certified units; in compliance with ISO 3744 for non-certified units.
- 3 Average sound pressure level, at 10m distance, unit in a free field on a reflective surface; non-binding value obtained from the sound power level.

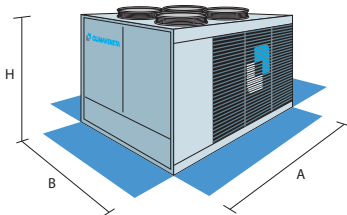
## MCAT / SL

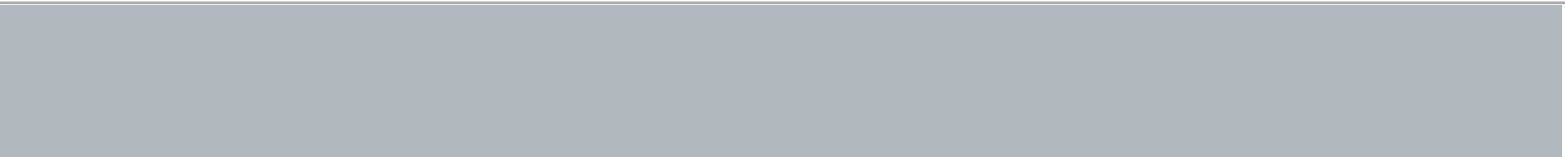
Models		0501	0601	0502	0602	0702	0802	0822	1002	1202	1222	1422
COOLING												
Cooling capacity (1)	kW	114	140	110	129	154	187	203	230	280	295	323
Total power input (1)	kW	49,0	56,7	44,9	53,3	67,9	80,9	79,9	95,4	113		
COMPRESSORS												
No. Compressors/No. Circuits	N.	1/1	1/1	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2
NOISE LEVELS												
Sound power (2)	dB(A)	*	*	*	*	*	*	*	*	*		
Sound pressure (3)	dB(A)	*	*	*	*	*	*	*	*	*		
SIZE												
A	mm	3110	3110	3110	3110	4110	4110	4110	4110	5110		
B	mm	2220	2220	2220	2220	2220	2220	2220	2220	2220		
H	mm	1540	1990	1540	1990	1990	1990	1990	1990	1990		
Operating weight	kg	1370	1450	1460	1560	1780	1880	1890	2100	2340		

- Note:
- 1 Saturated intake temperature = 5°C; Condenser air (in) = 35°C.
  - 2 Sound power on the basis of measurements made in compliance with ISO 9614 and Eurovent 8/1 for Eurovent certified units; in compliance with ISO 3744 for non-certified units.
  - 3 Average sound pressure level, at 10m distance, unit in a free field on a reflective surface; non-binding value obtained from the sound power level.

### Minimum clearance required

		0501-1422
Switchboard side	mm	1500
Switchboard opposite side	mm	1100
Condensation coil side	mm	2000





altro

# NCE 118A÷428C

## Versioni

B	base version
LN	base version
SL	super-low noise version



## Remote condenser with axial fans

### Unit Description

Remote condensers with axial-type fans for outdoor installation. Installation may be vertical with a horizontal air outflow or, using special brackets, horizontal with an upward air outflow. The very low noise, adjustable-speed fans are excellent for use for both industrial and commercial applications.



## NCE/B

Models		118A	218A	318A	328A	118B	218B	318B	328B
<b>NOMINAL CHARACTERISTICS</b>									
Nominal capacity (1)	kW	55	110	160	301	68	135	197	389
Total power input (1)	kW	11,7	23	38	77,6	15,8	30,1	42,9	87,6
<b>VENTILATION</b>									
Air flow	m <sup>3</sup> /h	21200	42400	63600	123600	19600	39000	58800	114000
Sound power (2)	dB(A)	81	84	86	89	81	84	86	89
<b>SIZE</b>									
L (3)	mm	1880	3230	3230	5930	1880	3230	4580	4580
P (3)	mm	800	800	800	800	800	800	800	800
H (3)	mm	1370	1370	1370	1370	1370	1370	1370	1370
Weight	kg	145	279	413	680	157	302	447	742

Models		418B	428B	118C	218C	318C	328C	418C	428C
<b>NOMINAL CHARACTERISTICS</b>									
Nominal capacity (1)	kW	270	511	75	150	228	430	300	566
Total power input (1)	kW	60,2	110	18,3	33,9	48,1	97,8	67,9	123
<b>VENTILATION</b>									
Air flow	m <sup>3</sup> /h	78400	152000	18400	36800	55200	106200	73600	141600
Sound power (2)	dB(A)	86	90	81	84	86	89	86	90
<b>SIZE</b>									
L (3)	mm	4580	5930	1880	3230	4580	4580	5930	5930
P (3)	mm	800	800	800	800	800	800	800	800
H (3)	mm	1370	1370	1370	1370	1370	1370	1370	1370
Weight	kg	592	982	168	324	481	804	637	1065

Note:

- 1 Outdoor air temperature = 30°C; delta temperature condenser side = 17°C
- 2 Sound power on the basis of measurements made in compliance with ISO 3744.
- 3 Without legs kit configuration ; horizontal air flow

## NCE/LN

Models		118A	218A	318A	328A	118B	218B	318B	328B
<b>NOMINAL CHARACTERISTICS</b>									
Nominal capacity (1)	kW	49	97	141	264	58	116	169	331
Total power input (1)	kW	12,2	23,9	39,5	81,2	16,7	31,6	44,8	50,5
<b>VENTILATION</b>									
Air flow	m <sup>3</sup> /h	17000	34000	51000	97800	15500	31000	46500	88800
Sound power (2)	dB(A)	75	78	80	83	75	78	80	83
<b>SIZE</b>									
L (3)	mm	1880	3230	4580	4580	1880	3230	4580	4580
P (3)	mm	800	800	800	800	800	800	800	800
H (3)	mm	1370	1370	1370	1370	1370	1370	1370	1370
Weight	kg	145	279	413	680	157	302	447	742

Models		418B	428B	118C	218C	318C	328C	418C	428C
<b>NOMINAL CHARACTERISTICS</b>									
Nominal capacity (1)	kW	169	435	63	125	191	354	191	466
Total power input (1)	kW	49,7	115	19,5	35,9	50,9	105	57,6	130
<b>VENTILATION</b>									
Air flow	m <sup>3</sup> /h	46500	118400	14400	28800	43200	81000	43200	108000
Sound power (2)	dB(A)	80	84	75	78	80	83	80	84
<b>SIZE</b>									
L (3)	mm	4580	5930	1880	4580	4580	5930	5930	5930
P (3)	mm	800	800	800	800	800	800	800	800
H (3)	mm	1370	1370	1370	1370	1370	1370	1370	1370
Weight	kg	447	982	168	324	481	804	481	1065

Note:

- 1 Outdoor air temperature = 30°C; delta temperature condenser side = 17°C
- 2 Sound power on the basis of measurements made in compliance with ISO 3744.
- 3 Without legs kit configuration ; horizontal air flow

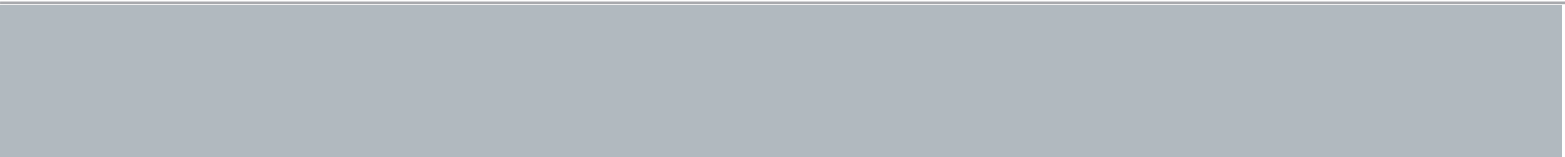
## NCE/SL

Models		216A	218A	316A	318A	328A	418A	428A	216B
<b>NOMINAL CHARACTERISTICS</b>									
Nominal capacity (1)	kW	45	79	67	115	215	158	295	49
Total power input (1)	kW	12,6	25,5	15,8	31,6	64,7	46	94,2	14,3
<b>VENTILATION</b>									
Air flow	m <sup>3</sup> /h	11600	24400	17400	36600	69600	48800	92800	10400
Sound power (2)	dB(A)	68	71	70	73	76	74	77	68
<b>SIZE</b>									
L (3)	mm	2630	3230	3770	4580	4580	5930	4580	2630
P (3)	mm	600	600	600	600	600	600	600	600
H (3)	mm	1230	1230	1230	1230	1230	1230	1230	1230
Weight	kg	150	279	221	413	680	547	900	166

Models		318B	328B	418B	428B	528B	218C	328C	418C
<b>NOMINAL CHARACTERISTICS</b>									
Nominal capacity (1)	kW	133	259	182	340	430	95	273	190
Total power input (1)	kW	40,4	71	51,7	106	115	28,9	80,5	57,6
<b>VENTILATION</b>									
Air flow	m <sup>3</sup> /h	33000	62400	44000	83200	104000	20200	57600	40400
Sound power (2)	dB(A)	73	76	74	77	78	71	76	74
<b>SIZE</b>									
L (3)	mm	4580	4580	5930	4580	7280	3230	4580	5930
P (3)	mm	600	600	600	600	600	600	600	600
H (3)	mm	1230	1230	1230	1230	1230	1230	1230	1230
Weight	kg	447	742	592	982	1222	324	804	637

Note:

- 1 Outdoor air temperature = 30°C; delta temperature condenser side = 17°C
- 2 Sound power on the basis of measurements made in compliance with ISO 3744.
- 3 Without legs kit configuration ; horizontal air flow





altro

# FCE 218A÷828C

## Versioni

B	base version
LN	base version
SL	super-low noise version



Remote condenser with axial fans

75,8 - 1088 kW

### Unit Description

Remote condensers with axial-type fans for outdoor installation. Installation may be vertical with a horizontal air outflow or, using special brackets, horizontal with an upward air outflow. The very low noise, adjustable-speed fans are excellent for use for both industrial and commercial applications.



## FCE/B

Models		218A	228A	218B	228B	318B	328B	428B	518B	528B
<b>NOMINAL CHARACTERISTICS</b>										
Nominal capacity (1)	kW	78,8	150	98,1	182	123	237	386	259	894
Total power input (1)	kW	22,9	42,7	28	48,6	30,9	61,5	103	70,8	231
<b>VENTILATION</b>										
Air flow	m <sup>3</sup> /h	42400	82400	39200	76000	58800	114000	152000	98000	190000
Sound power (2)	dB(A)	84	87	84	87	86	89	90	88	91
<b>SIZE</b>										
L (3)	mm	3230	3230	3230	3230	4580	4580	5930	7280	7280
P (3)	mm	800	800	800	800	800	800	800	800	800
H (3)	mm	1370	2390	1370	2390	1370	2390	2390	1370	2390
Weight	kg	279	462	302	502	447	742	982	737	1222

Models		628B	828B	228C	328C	418C	428C	518C	528C	628C
<b>NOMINAL CHARACTERISTICS</b>										
Nominal capacity (1)	kW	534	755	203	329	219	440	293	506	572
Total power input (1)	kW	137	204	56,2	87	59,4	121	78,4	130	140
<b>VENTILATION</b>										
Air flow	m <sup>3</sup> /h	228000	236800	70800	106200	73600	141600	92000	177000	212400
Sound power (2)	dB(A)	91	94	87	89	87	90	88	91	92
<b>SIZE</b>										
L (3)	mm	8630	11330	3230	4580	5930	5930	7280	7280	8630
P (3)	mm	800	800	800	800	800	800	800	800	800
H (3)	mm	2390	2390	2390	2390	1370	2390	1370	2390	2390
Weight	kg	1461	1942	543	804	637	1065	794	1325	1585

Note:

- 1 Outdoor air temperature = 30°C; delta temperature condenser side = 17°C
- 2 Sound power on the basis of measurements made in compliance with ISO 3744.
- 3 Without legs kit configuration ; horizontal air flow

## FCE/LN

Models		218A	228A	328A	218B	228B	318B	328B	428B	518B	528B
<b>NOMINAL CHARACTERISTICS</b>											
Nominal capacity (1)	kW	77,1	147	220	95,3	177	120	265	374	252	436
Total power input (1)	kW	23,6	44,2	69,3	29,2	50,6	32	78,5	107	74,3	121
<b>VENTILATION</b>											
Air flow	m <sup>3</sup> /h	34000	65200	97800	31000	59200	46500	88800	118400	77500	148000
Sound power (2)	dB(A)	78	81	83	78	81	80	83	84	82	85
<b>SIZE</b>											
L (3)	mm	3230	3230	4580	3230	3230	4580	4580	5930	7280	7280
P (3)	mm	800	800	800	800	800	800	800	800	800	800
H (3)	mm	1370	2390	2390	1370	2390	1370	2390	2390	1370	2390
Weight	kg	279	462	680	302	502	447	742	982	737	1222

Models		628B	828B	228C	328C	418C	428C	518C	528C	628C
<b>NOMINAL CHARACTERISTICS</b>										
Nominal capacity (1)	kW	521	732	197	318	214	423	283	489	556
Total power input (1)	kW	143	213	59	92,3	62,9	129	82,5	137	147
<b>VENTILATION</b>										
Air flow	m <sup>3</sup> /h	177600	236800	54000	81000	57600	108000	72000	135000	162000
Sound power (2)	dB(A)	86	88	81	83	81	84	82	85	86
<b>SIZE</b>										
L (3)	mm	8630	11330	3230	4580	5930	5930	7280	7280	8630
P (3)	mm	800	800	800	800	800	800	800	800	800
H (3)	mm	2390	2390	2390	2390	1370	2390	1370	2390	2390
Weight	kg	1461	1942	543	804	637	1065	794	1325	1585

Note:

- 1 Outdoor air temperature = 30°C; delta temperature condenser side = 17°C
- 2 Sound power on the basis of measurements made in compliance with ISO 3744.
- 3 Without legs kit configuration ; horizontal air flow

## FCE/SL

Models		318A	416A	418A	428A	318B	328B	418B	428B	518B	528B	628B
NOMINAL CHARACTERISTICS												
Nominal capacity (1)	kW	94,8	75,8	131	252	114	215	148	287	196	274	433
Total power input (1)	kW	29,4	24,2	39,4	74,3	34,7	62,5	43,6	80,7	59,2	107	124
VENTILATION												
Air flow	m <sup>3</sup> /h	36600	23200	48800	92800	33000	82200	44000	83200	55000	104000	124800
Sound power (2)	dB(A)	73	71	74	77	73	76	74	77	75	78	79
SIZE												
L (3)	mm	4580	4910	5930	5930	4580	4580	5930	5930	7280	7280	8630
P (3)	mm	800	600	800	800	800	800	800	800	800	800	800
H (3)	mm	1370	1230	1370	2390	1370	2390	1370	2390	1370	2390	2390
Weight	kg	413	292	547	900	447	742	592	982	737	1222	1461

Models		728B	828B	228C	328C	418C	428C	528C	628C	728C	828C
NOMINAL CHARACTERISTICS											
Nominal capacity (1)	kW	511	575	156	225	173	321	396	481	544	647
Total power input (1)	kW	147	162	48	66,9	52,2	91	119	140	152	183
VENTILATION											
Air flow	m <sup>3</sup> /h	145600	1664000	38400	76200	40400	76800	96000	115200	134400	153600
Sound power (2)	dB(A)	79	80	74	76	74	77	78	79	79	80
SIZE											
L (3)	mm	9980	11330	3230	4580	5930	5930	7280	8630	9980	11330
P (3)	mm	800	800	800	800	800	800	800	800	800	800
H (3)	mm	2390	2390	2390	2390	1370	2390	2390	2390	2390	2390
Weight	kg	1702	1942	543	804	637	1065	1325	1585	1845	2106

Note:

- 1 Outdoor air temperature = 30°C; delta temperature condenser side = 17°C
- 2 Sound power on the basis of measurements made in compliance with ISO 3744.
- 3 Without legs kit configuration ; horizontal air flow

