

## CHILLED WATER CASSETTE



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**Cooling capacity:**  
1,3 - 11 kW

**Airflow rate:**  
310 - 1820 m<sup>3</sup>/h

# ARMONIA

- Silent operation
- Low energy consumption with EC fan
- Optimized air distribution
- Easy installation and maintenance
- ABS or metallic diffuser
- Condensate pump with floating switch is supplied as standard
- 4-pipe units - With enhanced cooling coil



**ARMONIA** water cassettes cover any comfort air conditioning requirement and are available in :

### Standard version

- 7 capacity sizes for 2 pipe systems/2 pipes with additional electric heater
- 11 capacity sizes for 4 pipe systems

### EC version

- 5 capacity sizes for 2 pipe systems/2 pipes with additional electric heater
- 5 capacity sizes for 4 pipe systems
- Plastic and metallic diffusers fitting into 600 x 600 mm false ceiling standard modules.
- Infrared remote control, stand alone controls and master slave kit available.

### Main applications

- Light commercial buildings
- Offices
- Shops



CWC		600 x 600												800 x 800											
		020			120			220			320			420			850			620					
Speed		MIN	MED	MAX	MIN	MED	MAX	MIN	MED	MAX	MIN	MED	MAX	MIN	MED	MAX	MIN	MED	MAX	MIN	MED	MAX			
Airflow rate	m <sup>3</sup> /h	310	420	610	310	420	520	320	500	710	430	610	880	630	820	1140	710	970	1500	710	1280	1820			
Sound pressure level - Lp	dB(A)	24	31	40	24	31	36	24	36	44	32	40	50	24	31	39	25	31	44	25	39	49			
<b>2-pipe version</b>																									
Cooling capacity	kW	1,27	1,63	1,98	1,84	2,34	2,68	2,25	3,34	4,33	2,94	3,88	5,02	4,21	4,91	6,16	5,31	6,78	9,51	5,31	8,45	11,1			
Sensible cooling capacity		1,01	1,32	1,64	1,35	1,75	2,04	1,57	2,39	3,18	2,08	2,81	3,74	3,03	3,58	4,59	3,46	4,48	6,48	3,71	6,09	8,25			
Heating capacity		1,62	2,12	2,64	2,22	2,90	3,35	2,56	3,93	5,23	3,43	4,63	6,17	5,12	6,03	7,77	5,61	7,34	10,71	6,13	10,30	14,0			
<b>4-pipe version</b>		<b>040</b>			<b>140</b>			<b>240</b>			<b>340</b>			<b>440</b>			<b>540</b>			<b>640</b>					
Cooling capacity	kW	1,51	1,96	2,33	1,85	2,36	2,70	1,85	2,65	3,34	2,36	3,02	3,81	4,14	5,03	6,34	4,52	5,66	7,71	4,52	6,93	8,89			
Sensible cooling capacity		1,15	1,55	1,90	1,34	1,71	1,98	1,34	1,98	2,56	1,75	2,29	2,97	2,96	3,65	4,69	3,25	4,15	5,83	3,25	5,18	6,84			
Heating capacity		1,96	2,54	3,03	2,43	3,02	3,46	2,43	3,46	4,40	3,10	3,97	4,95	5,91	7,19	9,10	6,45	8,10	11,0	6,45	9,98	12,7			
<b>4-pipe version Optimized cooling</b>								<b>260</b>			<b>360</b>									<b>560</b>			<b>660</b>		
Cooling capacity	kW							2,09	3,06	3,93	2,72	3,53	4,53							4,99	6,33	8,77	4,99	7,84	10,2
Sensible cooling capacity								1,49	2,24	2,95	1,97	2,62	3,46							3,53	4,55	6,49	3,53	5,73	7,68
Heating capacity								1,98	2,71	3,35	2,46	3,06	3,79							5,23	6,42	8,56	5,23	7,74	9,80

CWC EC		600 x 600												800 x 800					
					120			220			320			420			520		
Speed		MIN	MED	MAX	MIN	MED	MAX	MIN	MED	MAX	MIN	MED	MAX	MIN	MED	MAX			
Airflow rate	m <sup>3</sup> /h	310	420	610	310	420	520	430	610	880	630	820	1140	710	1280	1820			
Sound pressure level - Lp	dB(A)	24	30	38	24	34	45	28	41	51	24	30	39	25	38	48			
<b>2-pipe version</b>																			
Cooling capacity	kW				1,84	2,17	2,75	2,24	3,05	4,33	2,56	3,87	5,02	4,21	5,15	6,33	5,29	7,72	10,75
Sensible cooling capacity					1,35	1,61	2,09	1,57	2,17	3,18	1,81	2,81	3,74	3,03	3,77	4,72	3,69	5,53	7,94
Heating capacity					2,22	2,67	3,44	2,55	3,58	5,24	2,96	4,63	6,2	5,11	6,35	8,01	5,89	8,83	12,73
<b>4-pipe version</b>					<b>140</b>			<b>260</b>			<b>360</b>			<b>440</b>			<b>560</b>		
Cooling capacity	kW				1,85	2,18	2,77	2,09	2,81	3,93	2,38	3,53	4,53	4,3	5,28	6,51	4,98	7,17	9,87
Sensible cooling capacity					1,34	1,6	2,08	1,49	2,04	2,95	1,71	2,62	3,46	3,08	3,84	4,83	3,52	5,2	7,4
Heating capacity					2,43	2,85	3,62	1,98	2,53	3,35	2,2	3,06	3,79	6,14	7,54	9,36	5,22	7,16	9,51