

Atrea®

Leader in ventilation and heat recovery



Instruction manual








Instructions for disassembling individual components of DUPLEX air handling units




*Information pursuant to EU Regulations No. 1253 and 1254/2014
Information requirements for RVUs pursuant to Requirement 4(2), point 3*



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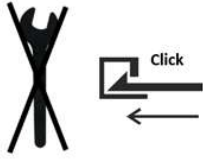




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Section of unit with photo		Description and disassembly procedure						Tools used	
Motor EBM-PAPST 		Use a flat-blade screwdriver to separate the motor from the unit. Next, disconnect the control connector. Use a TORX wrench to separate the semi-spiral housing from the motor.						wrench TORX wrench 	
		Unit jednotky							
		EASY	EASY2	EC4 / ECV4	EC5 / ECV5	R / RDH	Pro	Slim	others
Fan type	104.EC1	400 Easy		370 EC4 390 ECV4	370 EC5 280 ECV5 380 ECV5	RA4 RB4 RK4 RK5			
	105.EC1			180 EC4 190 ECV4	170 ECV5				
	106.EC1			510 EC4 520 ECV4		RA4 RB4 RDH4			
	107.EC1					RK4 RK5 RDH4			KAPPA 4V
	115.EC1	250 Easy 300 Easy							
	124.EC1		500 Easy2		570 EC5 580 ECV5	RA5 RB5 RDH5	570 Pro-X		
	125.EC1		200 Easy2 300 Easy2				370 Pro-X		
	301.EC1				220 EC5 CG		150 Pro 160 Pro-V 230 ProMax 260 ProMax-V 220 Pro CG		
	302.EC1						150 Pro 160 Pro-V 230 ProMax 260 ProMax-V	150 Slim	
	303.EC1						350 Pro 360 Pro-V 410 ProMax 400 ProMax-V		
	304.EC1						350 Pro 360 Pro-V 410 ProMax 400 ProMax-V		
	305.EC1						550 Pro 560 Pro-V 630 ProMax 620 ProMax-V		
	306.EC1						550 Pro 560 Pro-V 630 ProMax 620 ProMax-V		

Section of unit with photo	Description and disassembly procedure						Tools used	
<p style="text-align: center;">Servo drive</p>	<p>Use a flathead screwdriver to loosen all the servo mounts from the board and remove them.</p>						<p style="text-align: center;">Wrench</p> 	
	EASY	EASY2	EC4 / ECV4	EC5 / ECV5	R / RDH	Pro	Slim	others
<p>By-pass damper servo drive</p> 	<p>250 Easy 300 Easy 400 Easy</p>	<p>180 EC4 370 EC4 510 EC4 190 ECV4 390 ECV4 520 ECV4</p>	<p>170 EC5 370 EC5 570 EC5 280 ECV5 380 ECV5 580 ECV5 220 EC5 CG</p>	<p>RA4 RB4 RK4 RA5 RB5 RK5 RDH4 RDH5</p>	<p>150 Pro 350 Pro 550 Pro 160 Pro-V 360 Pro-V 560 Pro-V 370 Pro-X 570 Pro-X 230 ProMax 410 ProMax 620 ProMax 260 ProMax-V 400 ProMax 610 ProMax 220 Pro CG</p>	<p>150 Slim</p>		
<p>Circulation damper servo drive</p> 				<p>RA4 RB4 RK4 RA5 RB5 RK5 RDH4 RDH5</p>				

Section of unit with photo	Description and disassembly procedure						Tools used	
Control board 	Unscrew the main cover with a screwdriver, then remove the motherboard from the case using a TORX screwdriver or a regular screwdriver.						Screwdriver TORX wrench 	
	EASY	EASY2	EC4 / ECV4	EC5 / ECV5	R / RDH	Pro	Slim	others
Unit control board 	250 Easy 300 Easy 400 Easy	200 Easy2 300 Easy2 500 Easy2	180 EC4 370 EC4 510 EC4 190 ECV4 390 ECV4 520 ECV4	170 EC5 370 EC5 570 EC5 280 ECV5 380 ECV5 580 ECV5 220 EC5 CG	RA4 RB4 RK4 RA5 RB5 RK5 RDH4 RDH5	150 Pro 350 Pro 550 Pro 160 Pro-V 360 Pro-V 560 Pro-V 370 Pro-X 570 Pro-X 230 ProMax 410 ProMax 620 ProMax 260 ProMax-V 400 ProMax 610 ProMax 220 Pro CG	150 Slim	
solid state	250 Easy 300 Easy 400 Easy	200 Easy2 300 Easy2 500 Easy2	180 EC4 370 EC4 510 EC4 190 ECV4 390 ECV4 520 ECV4	170 EC5 370 EC5 570 EC5 280 ECV5 380 ECV5 580 ECV5 220 EC5 CG	RA4 RB4 RK4 RA5 RB5 RK5 RDH4 RDH5	150 Pro 350 Pro 550 Pro 160 Pro-V 360 Pro-V 560 Pro-V 370 Pro-X 570 Pro-X 230 ProMax 410 ProMax 620 ProMax 260 ProMax-V 400 ProMax 610 ProMax 220 Pro CG	150 Slim	

Section of unit with photo	Description and disassembly procedure						Tools used	
Heat recovery block	<p>The heat recovery unit is mechanically secured at its edges with a thumb screw. Loosening the tight fastening of the heat recovery unit allows the heat exchanger to be removed from the unit.</p>						<p>Manual disassembly</p> 	
							Unit type	
	EASY	EASY2	EC4 / ECV4	EC5 / ECV5	R / RDH	Pro	Slim	others
<p>Heat recovery block</p> 	<p>250 Easy 300 Easy 400 Easy</p>	<p>200 Easy2 300 Easy2 500 Easy2</p>	<p>180 EC4 370 EC4 510 EC4 190 ECV4 390 ECV4 520 ECV4</p>	<p>170 EC5 370 EC5 570 EC5 280 ECV5 380 ECV5 580 ECV5 220 EC5 CG</p>	<p>RA4 RB4 RK4 RA5 RB5 RK5 RDH4 RDH5</p>	<p>150 Pro 350 Pro 550 Pro 160 Pro-V 360 Pro-V 560 Pro-V 370 Pro-X 570 Pro-X 230 ProMax 410 ProMax 620 ProMax 260 ProMax-V 400 ProMax 610 ProMax 220 Pro CG</p>	<p>150 Slim</p>	

Section of unit with photo	Description and disassembly procedure						Tools used		
<p data-bbox="177 376 316 405">Control panel</p>	<p data-bbox="379 315 1182 371">The main cover is mounted in a removable frame. After removing the latches, you can access the control board.</p>						<p data-bbox="1230 219 1437 248">Manual disassembly</p> 		
	EASY	EASY2	EC4 / ECV4	EC5 / ECV5	R / RDH	Pro	Slim	others	
<p data-bbox="220 573 272 602">CPA</p> 	<p data-bbox="379 725 464 801">250 Easy 300 Easy 400 Easy</p>	<p data-bbox="515 725 616 801">200 Easy2 300 Easy2 500 Easy2</p>	<p data-bbox="651 680 751 846">180 EC4 370 EC4 510 EC4 190 ECV4 390 ECV4 520 ECV4</p>	<p data-bbox="786 680 903 846">170 EC5 370 EC5 570 EC5 280 ECV5 380 ECV5 580 ECV5 220 EC5 CG</p>	<p data-bbox="922 658 975 869">RA4 RB4 RK4 RA5 RB5 RK5 RDH4 RDH5</p>	<p data-bbox="1058 573 1190 954">150 Pro 350 Pro 550 Pro 160 Pro-V 360 Pro-V 560 Pro-V 370 Pro-X 570 Pro-X 230 ProMax 410 ProMax 620 ProMax 260 ProMax-V 400 ProMax 610 ProMax 220 Pro CG</p>	<p data-bbox="1201 748 1278 777">150 Slim</p>		
<p data-bbox="220 965 272 994">CPB</p> 	<p data-bbox="379 1117 464 1193">250 Easy 300 Easy 400 Easy</p>	<p data-bbox="515 1117 616 1193">200 Easy2 300 Easy2 500 Easy2</p>	<p data-bbox="651 1072 751 1238">180 EC4 370 EC4 510 EC4 190 ECV4 390 ECV4 520 ECV4</p>	<p data-bbox="786 1072 903 1238">170 EC5 370 EC5 570 EC5 280 ECV5 380 ECV5 580 ECV5 220 EC5 CG</p>	<p data-bbox="922 1050 975 1261">RA4 RB4 RK4 RA5 RB5 RK5 RDH4 RDH5</p>	<p data-bbox="1058 965 1190 1346">150 Pro 350 Pro 550 Pro 160 Pro-V 360 Pro-V 560 Pro-V 370 Pro-X 570 Pro-X 230 ProMax 410 ProMax 620 ProMax 260 ProMax-V 400 ProMax 610 ProMax 220 Pro CG</p>	<p data-bbox="1201 1140 1278 1169">150 Slim</p>		
<p data-bbox="204 1357 288 1386">aTouch</p> 		<p data-bbox="515 1509 616 1585">200 Easy2 300 Easy2 500 Easy2</p>		<p data-bbox="786 1458 903 1624">170 EC5 370 EC5 570 EC5 280 ECV5 380 ECV5 580 ECV5 220 EC5 CG</p>	<p data-bbox="922 1491 975 1590">RA5 RB5 RK5 RDH5</p>	<p data-bbox="1058 1357 1190 1738">150 Pro 350 Pro 550 Pro 160 Pro-V 360 Pro-V 560 Pro-V 370 Pro-X 570 Pro-X 230 ProMax 410 ProMax 620 ProMax 260 ProMax-V 400 ProMax 610 ProMax 220 Pro CG</p>	<p data-bbox="1201 1532 1278 1561">150 Slim</p>		
<p data-bbox="220 1749 272 1778">aDot</p> 		<p data-bbox="515 1895 616 1971">200 Easy2 300 Easy2 500 Easy2</p>		<p data-bbox="786 1850 903 2016">170 EC5 370 EC5 570 EC5 280 ECV5 380 ECV5 580 ECV5 220 EC5 CG</p>	<p data-bbox="922 1883 975 1982">RA5 RB5 RK5 RDH5</p>	<p data-bbox="1058 1749 1190 2130">150 Pro 350 Pro 550 Pro 160 Pro-V 360 Pro-V 560 Pro-V 370 Pro-X 570 Pro-X 230 ProMax 410 ProMax 620 ProMax 260 ProMax-V 400 ProMax 610 ProMax 220 Pro CG</p>	<p data-bbox="1201 1924 1278 1953">150 Slim</p>		

Section of unit	Description and disassembly procedure						Tools used	
Control panel 	The main cover is mounted in a removable frame. After removing the latches, you can access the control board.						Manual disassembly 	
							Unit type	
	EASY	EASY2	EC4 / ECV4	EC5 / ECV5	R / RDH	Pro	Slim	others
CP 18 RD, CP 19 RD 		180 EC4 370 EC4 510 EC4 190 ECV4 390 ECV4 520 ECV4		RA4 RB4 RK4 RDH4				
CP Touch 			170 EC5 370 EC5 570 EC5 280 ECV5 380 ECV5 580 ECV5 220 EC5 CG	RA5 RB5 RK5 RDH5				
CP 10 RT 			170 EC5 370 EC5 570 EC5 280 ECV5 380 ECV5 580 ECV5 220 EC5 CG					

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