

HEAT RECOVERY UNITS

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ARUMAK
79%



ARUMAK LP
78%



CIRKEDO ECC
84%



CEPHIRUS-2 EEC
77%



KOXA
70%



MAKNA EEC
85%



ARUMAK LP EEC
79%






































































ARUMAK EEC
80%



DOMEX EEC
92%

SELECTION CHART

	AC	AC	AC	EEC	EEC	EEC	EEC	EEC	EEC
									
	ARUMAK LP	ARUMAK	KOXA	CEPHIRUS-2 EEC	ARUMAK LP EEC	ARUMAK EEC	DOMEX EEC	MAKNA EEC	CIRKEDO EEC
ErP 2018									
EUROVENT (exchanger)									
EXCHANGER									
IMPELLER	Forward	Forward	Backward	Forward	Forward	Forward	Backward	Backward	Backward
MOTOR									
AIRFLOW (m³/h)	500-4200	430-3700	8000-14000	600-6700	400-4000	430-2600	1000-5400	8000-13000	1200-8000
CONFIGURATION									
WATER/ELECTRICAL COIL	-	BA / BE 	-	-	-	BA / BE 	BA / BE 	BA / BE 	BA / BE 
CONTROL	CTRL-F CTRL-DPH	CTRL-DPH CTRL MAX ²	CTRL-MAX	CTRL-MAX	CTRL-F CTRL-DPH	CTRL-DPH	CTRL-MAX	CTRL DPH, CTRL MAX ²	CTRL DPH, CTRL MAX ²
BY PASS	Partial	Total	-	Total	Partial	Total	Total	Total	Total
FILTERS	F7/F7 F7+F9/F7	F7/F7 F7+F9/F7	F7/F7	F7/F7	F7/F7 F7+F9/F7	F7/F7 F7+F9/F7	F7/F7 F7+F9/F7	F7/F7 F7/M5	F7/F7 F7/M5
EFFICIENCY %	78 	79 	70 	77 	79 	80 	92 	85 	84 

CONTROLS FUNCTIONS

		CTRL-F	CTRL-DPH	CTRL-MAX	CTRL-MAX ²
FAN ADJUSTMENT	Manual speed	✓	✓	✓	✓
	Constant airflow (CAV)		✓	✓	✓
	Variable airflow: monozone application		✓	✓	✓
	CO ₂ / HR / VOC 0-10 V external. Variable flow (VAV)		✓	✓	✓
	Management of the airflow by detection of presence		✓	✓	✓
	Constant pressure: Multizone application (COP)		✓	✓	✓
	Night management		✓	✓	✓
REGULATION OF THE TEMPERATURE	Regulation on blowing / recovery temperature		✓	✓	✓
	Regulation on ambient temperature		✓	✓	✓
	Regulation of the electric coil/ hot water coil		✓	✓	✓
	Possibility to manage 2 coils simultaneously for the dehumidification function				✓
HEAT RECOVERY	By-pass management (free cooling/ free heating)	✓	✓	✓	✓
FILTERS	Indication of filter clogging	✓	✓	✓	✓
SECURITY OF THE UNIT	Post-ventilation(machine equipped with electric coil)		✓	✓	✓
	Thermal protection of fans		✓	✓	✓
	Thermal protection of electric batteries		✓	✓	✓
	Frost protection water bobbin		✓	✓	✓
	Exchanger with frost protection		✓	✓	✓
	Energy recovery in VMC in ERP 2018		✓	✓	✓
	Forcing dehumidification function (under request)				✓
Remote status messages: active dehumidification function (under request)				✓	
PROGRAMMING	Day / night and weekend		✓	✓	✓
	Automatic summer / winter change			✓	✓
	Modulating bypass management				✓
	Automatic prevention of exchanger cooling through bypass regulation				✓
COMMUNICATION	Modbus RTU - RS 485			✓	✓
	Remote display and/or Modbus protocol (under request)-100 meters			✓	
TEMPERATURE INFORMATION	Outside/interior temperature		✓	✓	✓