

THE FLEXIBLE RANGE



DATASHEET

Cotes Flexible solutions are tailored to specific customer requirements and to very different challenges and conditions as they are specifically designed to handle large amounts of humidity.

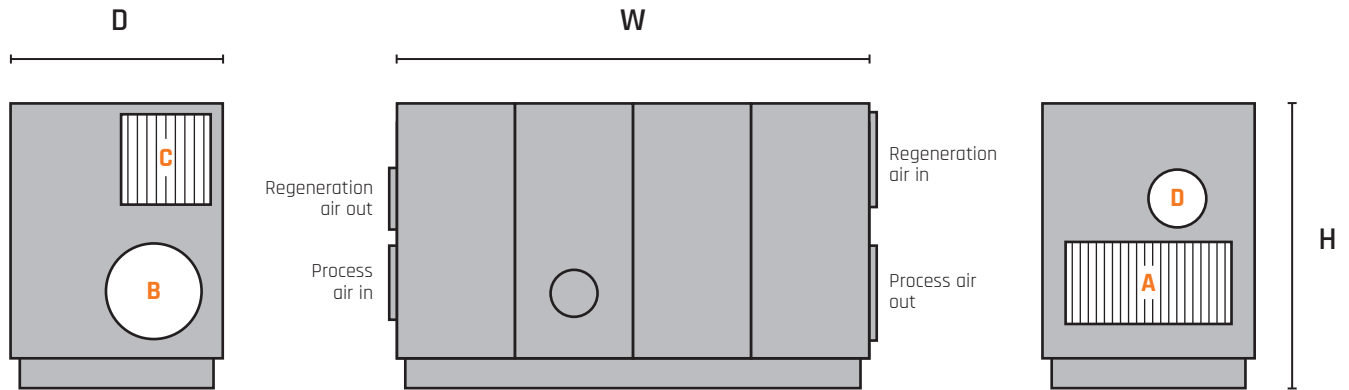
Flexible units can be built according to different control demands. As default, the dehumidifier will be built to satisfy the “Basic Package”. If the default package, the “Basic Package” does not fulfil the customers requirements, the package must be upgraded.

MONITORING AND CONTROL SETUPS	BASIC PACKAGE	ADVANCED PACKAGE	
		EXPANSION 01	EXPANSION 02
Hour counter to monitor running time	X	X	X
Overheating alarm	X	X	X
Manually adjustable process fan	X	X	X
Manually adjustable regeneration air fan	X		
External humidity sensor (RH%)		X	X
Service indicator to monitor maintenance requirements		X	X
Datalogging for tracking conditions		X	X
Service alarm monitoring		X	X
5.7-inch touch display		X	X
Filter and rotor service alarm		X	X
Control of regeneration air fan from the PLC interface		X	X
Measurement and control after dew point (option)		X	X
Timer, day/night timer and cycle timer		X	X
Network connectivity (optional)		X	X
Monitoring and control via smartphone app (optional)		X	X
Control of regeneration air fan from the PLC interface		X	X
Control of process air fan from the PLC interface		X	X
Extra external humidity sensor (RH% and dew point) up to two external humidity sensors can be connected (single sensor included)		X	X
Monitoring and automatic adjustment of process air		X	X
Quiet program		X	X
Custom program		X	X
Energy-saving program		X	X
Process sensor upgrade (internal conditions)			X
Specific humidity (g/kg) measurement			X
Energy+ saving program (for process applications)			X

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TECHNICAL DATA

Performance data is based on nominal conditions 20°C, 60%RH.



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		CRT 12000	CRP 12000	CRT 18000	CRP 18000	CRT 25000	CRP 25000	CRP 30000

TECHNICAL DATA

DRY AIR	m ³ /h	12000	12000	18000	18000	25000	25000	30000
REGENERATION AIR	m ³ /h	2600	4000	4000	5700	5700	8000	9800
VOLTAGE/PHASES	V/Ph	400/3PH+PE	400/3PH+PE	400/3PH+PE	400/3PH+PE	400/3PH+PE	400/3PH+PE	400/3PH+PE
REGENERATION AIR HEATER	kW	84	135	135	180	180	255	315
CONNECTED LOAD	kW	92	146	149	197	195	278	345
MOISTURE LEVEL CAPACITY	kg/h	62.6	92.2	98.3	128.7	132.5	181.5	220.0

DIMENSIONS AND WEIGHT

W	WIDTH	mm	3049	3660	3046	3657	3657	3657	4268
D	DEPTH	mm	1710	1710	1910	1910	2410	2410	2410
H	HEIGHT	mm	2030	2030	2230	2230	253	2530	2830
	WEIGHT	kg	1500	1700	1950	2500	3000	3500	4000

DUCT CONNECTIONS

A	PROCESS AIR INLET	mm	1500 x 800	1500 x 800	1500 x 900	1500 x 900	2000 x 1000	2000 x 1000	2000 x 1200
B	PROCESS AIR OUTLET	mm	Ø560	Ø560	Ø800	Ø800	Ø1000	Ø1000	Ø1000
C	REGENERATION AIR INLET	mm	600 x 600	600 x 600	800 x 800	800 x 800	800 x 800	800 x 800	800 x 800
D	REGENERATION AIR OUTLET	mm	Ø400	Ø400	Ø400	Ø400	Ø500	Ø500	Ø500

All information is provisional, depending on exact specification and equipment ordered, and is subject to change without further notice.