

DATASHEET

C65E

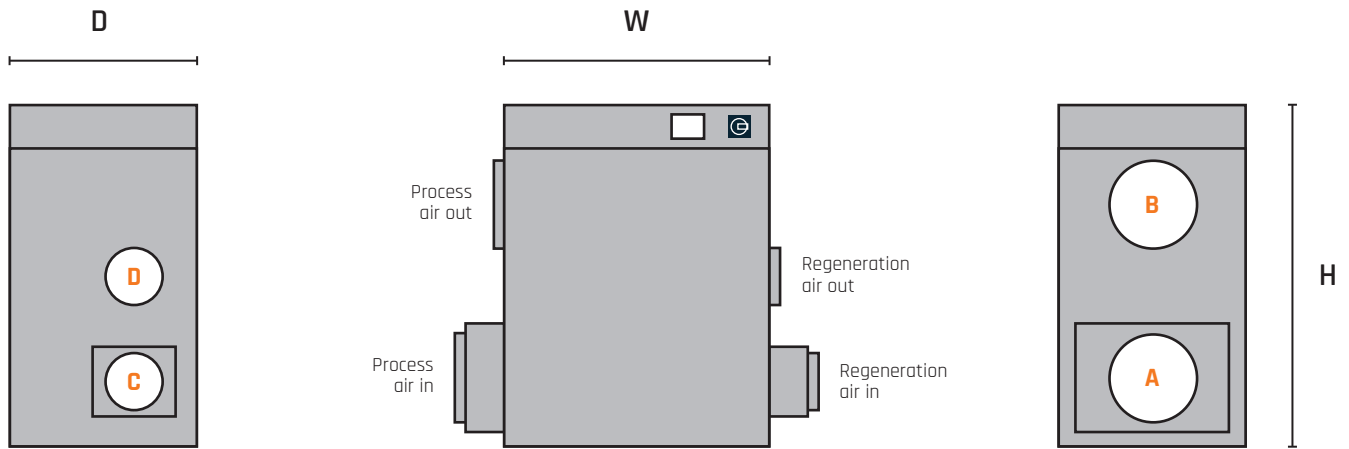
The C65E delivers high-capacity adsorption dehumidification for scalable solutions, combining robust performance with stainless steel surfaces designed for hygienic and easy-to-clean installations.

MONITORING AND CONTROL SETUPS	BASIC A	PLC B	PLC C
Built in heat regeneration	X	X	X
Hour counter to monitor running time	X	X	X
Overheating alarm	X	X	X
Manually adjustable process fan (*by potentiometer, **by PLC screen)	X*	X*	X**
Manually adjustable regeneration fan (*by potentiometer, **by PLC screen)	X*	X**	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 process air fan from the PLC interface			X
Extra external humidity sensor (R/H% and dew point) up to two external humidity sensors can be connected (single sensor included)			X
Monitoring and automatic adjustment of air flows			X
Quiet program			X
Custom program			X
Energy-saving program			X
ADDITIONAL FUNCTIONALITIES			
Process sensors upgrade			X
Specific humidity (g/kg) measurement			X
Energy+ saving program (for process applications)			X

COTES MODULAR

TECHNICAL DATA

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



COTES MODULAR	C65E			
	8	11	15	19

TECHNICAL DATA		8	11	15	19
DRY AIR	m³/h	1900	2600	3700	3700
REGENERATION AIR	m³/h	340	450	670	940
SUPPLY/CONNECTIONS	V/PH	400V-50Hz / 3xPH+N+PE	400V-50Hz / 3xPH+N+PE	400V-50Hz / 3xPH+N+PE	400V-50Hz / 3xPH+N+PE
REGENERATION AIR HEATER	kW	10.2	14.4	20.4	28.8
CONNECTED LOAD	kW	11.4	17.8	23.8	33.8
CURRENT CONSUMPTION	A	16.4	25.7	34.4	48.8
MAXIMUM FUSE SIZE	A	63	63	63	63
EXT. PRESSURE PROCESS AIR	Po	400	400	400	400
EXT. PRESSURE REGENERATION AIR	Po	400	400	400	400
MOISTURE REMOVAL CAPACITY	kg/h	7.8/9.2	11.1/12.9	15.4/17.9	19.1/22.5
MAX. MOISTURE REMOVAL CAPACITY WITH HR	kg/h	9.6	13.8	18.4	23.1
SOUND LEVEL (Preliminary data)	dB	<66	<73	<73	<75

DIMENSIONS AND WEIGHT		8	11	15	19	
W	WIDTH	mm	1204	1204	1204	1204
D	DEPTH	mm	783	783	783	783
H	HEIGHT	mm	1718	1718	1718	1718
	WEIGHT (ELECTRICAL)	kg	295	320	325	330
	WEIGHT (STEAM)	kg	320	365	365	370

DUCT CONNECTIONS		8	11	15	19	
A	PROCESS AIR INLET	mm	Ø400	Ø400	Ø400	Ø400
B	PROCESS AIR OUTLET	mm	Ø400	Ø400	Ø400	Ø400
C	REGENERATION AIR INLET	mm	Ø250	Ø250	Ø250	Ø250
D	REGENERATION AIR OUTLET	mm	Ø250	Ø250	Ø250	Ø250