

DATASHEET

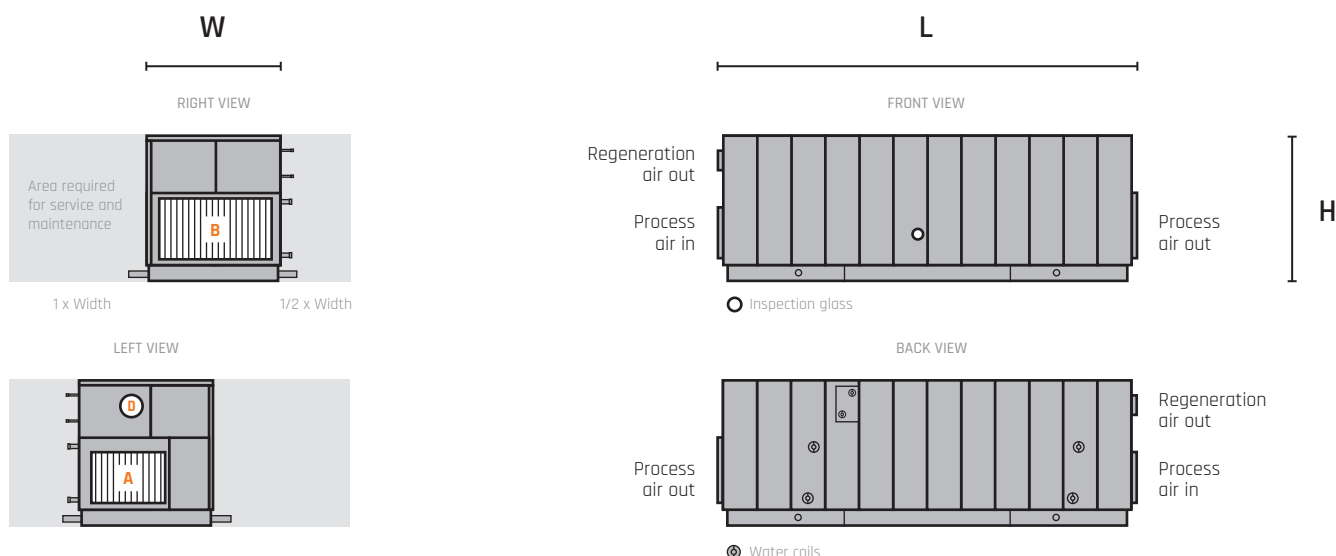
COTES EXERGIC TECHNOLOGY - SUSTAINABLE BATTERY DRY ROOMS

With Cotes Exergic Technology, you can utilize a combination of sustainable energy sources to achieve considerable energy cost savings and large carbon footprint reductions. All you need for Cotes Exergic Technology to work is hot water heated by a sustainable energy source.

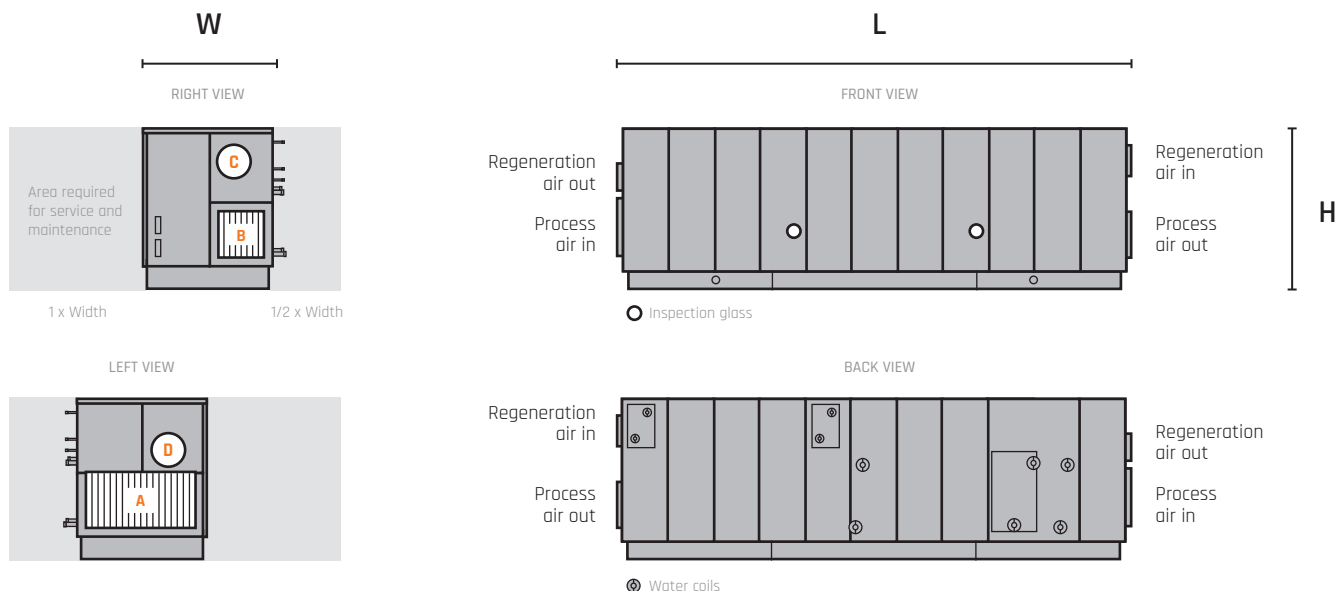
Cotes Ultradry dehumidifiers always include one intake module and one main module. The combination of which provides up to -120°C dew point.

TECHNICAL DATA

MAIN MODULE



INTAKE MODULE



COTES ULTRADRY 3-STAGE DEHUMIDIFIERS

TECHNICAL DATA

			MAIN MODULES	
			MAIN-1250 1R	MAIN-1940 1R
TECHNICAL DATA				
MINIMUM AIRFLOW		m³/h	3300	8000
MAXIMUM AIRFLOW		m³/h	15000	34000
MAXIMUM CONNECTED LOAD		kW	67	122
DIMENSIONS AND WEIGHT				
W	WIDTH	mm	1750	2450
L	LENGTH	mm	6800	7400
H	HEIGHT	mm	2150	3100
	WEIGHT	kg	2700	4800
DUCT CONNECTIONS				
A	PROCESS AIR INLET	mm	1000 x 600	1500 x 900
B	PROCESS AIR OUTLET	mm	1500 x 900	2150 x 1170
D	REGENERATION AIR OUTLET	mm	Ø250	Ø400

			INTAKE MODULES			
			INTAKE-850 2R	INTAKE-1050 2R	INTAKE-1250 2R	INTAKE-1800 2R
TECHNICAL DATA						
MINIMUM AIRFLOW		m³/h	1500	2300	3300	6900
MAXIMUM AIRFLOW		m³/h	5000	9000	12000	20000
MAXIMUM CONNECTED LOAD		kW	42	51	114	167
DIMENSIONS AND WEIGHT						
W	WIDTH	mm	1150	1450	1750	2450
L	LENGTH	mm	6200	6800	6800	6800
H	HEIGHT	mm	1650	1950	2150	2650
	WEIGHT	kg	2200	3000	3800	5600
DUCT CONNECTIONS						
A	PROCESS AIR INLET	mm	900 x 450	1000 x 600	1495 x 795	1500 x 1100
B	PROCESS AIR OUTLET	mm	600 x 600	600 x 600	595 x 595	1000 x 1000
C	REGENERATION AIR INLET	mm	Ø250	Ø315	Ø400	Ø555
D	REGENERATION AIR OUTLET	mm	Ø315	Ø315	Ø400	Ø500

ADDITIONAL FUNCTIONALITIES

Internal electrical cabinet
H14 supply air filters (OPTION)
Process flow direction

DATASHEET

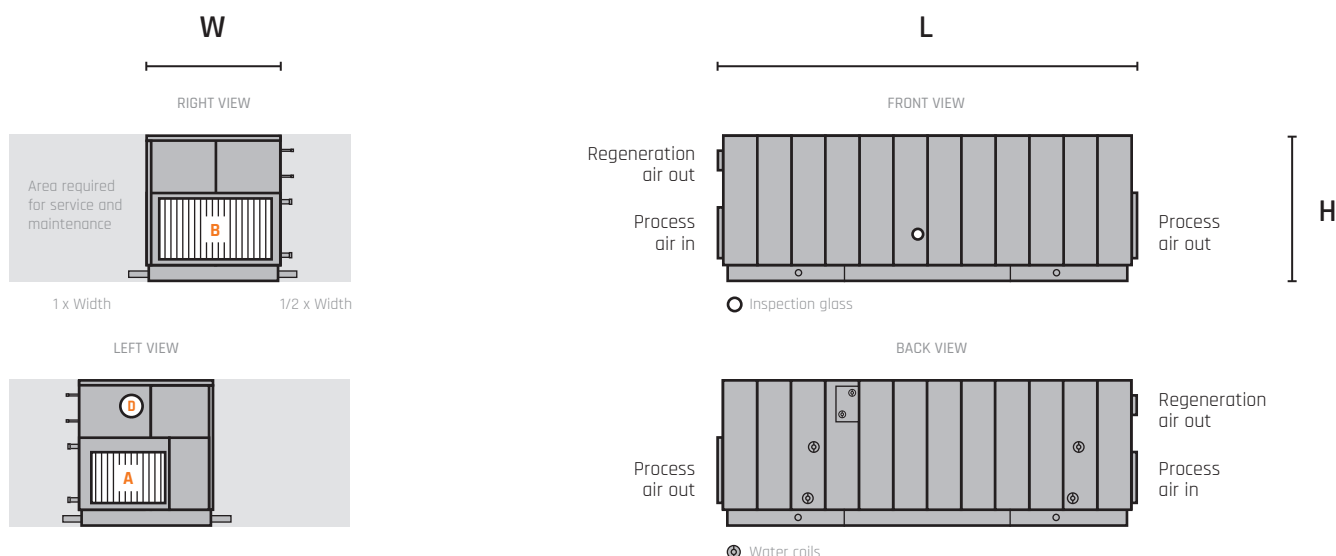
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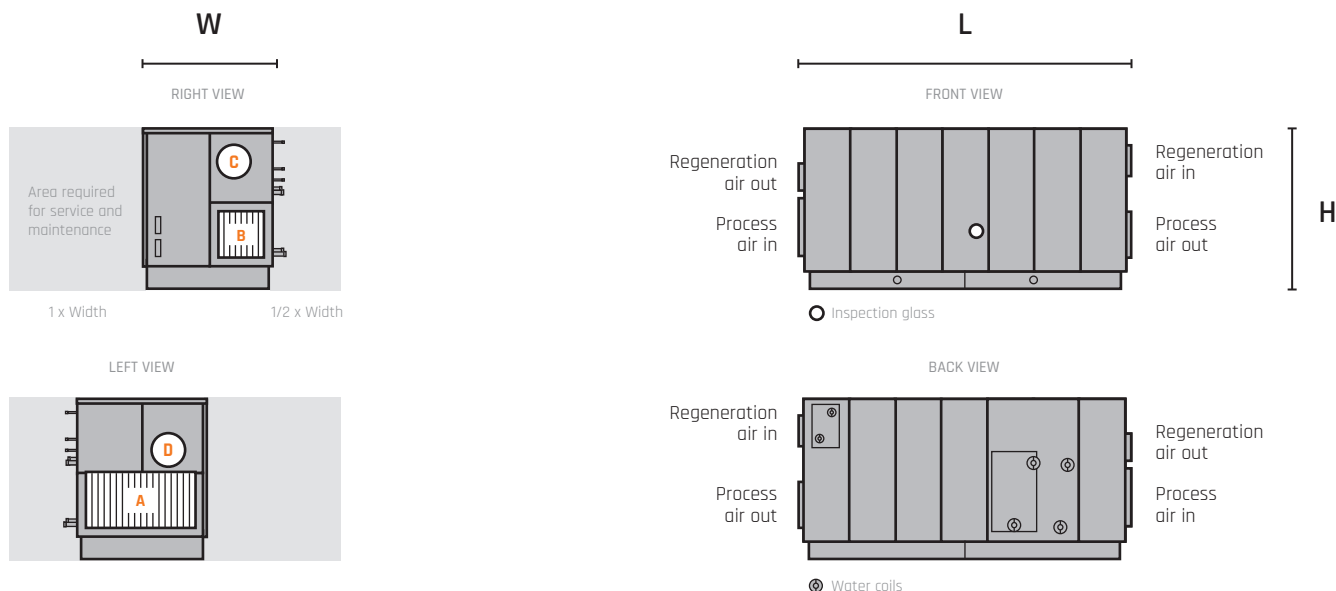
Cotes Ultradry dehumidifiers always include one intake module and one main module. The combination of which provides up to -120°C dew point.

TECHNICAL DATA

MAIN MODULE



INTAKE MODULE



COTES ULTRADRY 2-STAGE DEHUMIDIFIERS

TECHNICAL DATA

			MAIN MODULES	
			MAIN-1250 1R	MAIN-1940 1R
TECHNICAL DATA				
MINIMUM AIRFLOW		m³/h	3300	8000
MAXIMUM AIRFLOW		m³/h	15000	34000
MAXIMUM CONNECTED LOAD		kW	67	122
DIMENSIONS AND WEIGHT				
W	WIDTH	mm	1750	2450
L	LENGTH	mm	6800	6800
H	HEIGHT	mm	2150	3100
	WEIGHT	kg	2700	4800
DUCT CONNECTIONS				
A	PROCESS AIR INLET	mm	1000 x 600	1500 x 900
B	PROCESS AIR OUTLET	mm	1500 x 900	2150 x 1170
D	REGENERATION AIR OUTLET	mm	Ø250	Ø400

			INTAKE MODULES			
			INTAKE-850 1R	INTAKE-1050 1R	INTAKE-1250 1R	INTAKE-1800 1R
TECHNICAL DATA						
MINIMUM AIRFLOW		m³/h	1500	2300	3300	6900
MAXIMUM AIRFLOW		m³/h	5000	9000	12000	18000
MAXIMUM CONNECTED LOAD		kW	24	30	63	98
DIMENSIONS AND WEIGHT						
W	WIDTH	mm	1150	1450	1750	2450
L	LENGTH	mm	3700	4300	4300	4900
H	HEIGHT	mm	1650	1950	2150	2650
	WEIGHT	kg	1400	2000	2500	3800
DUCT CONNECTIONS						
A	PROCESS AIR INLET	mm	900 x 450	1000 x 600	1495 x 795	1500 x 1100
B	PROCESS AIR OUTLET	mm	600 x 600	600 x 600	595 x 595	1000 x 1000
C	REGENERATION AIR INLET	mm	Ø250	Ø315	Ø400	Ø555
D	REGENERATION AIR OUTLET	mm	Ø315	Ø315	Ø400	Ø500

ADDITIONAL FUNCTIONALITIES

Internal electrical cabinet
H14 supply air filters (OPTION)
Process flow direction