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DRAFT SET - A
COMPACT DEHUMIDIFIER
BRY COOL 500

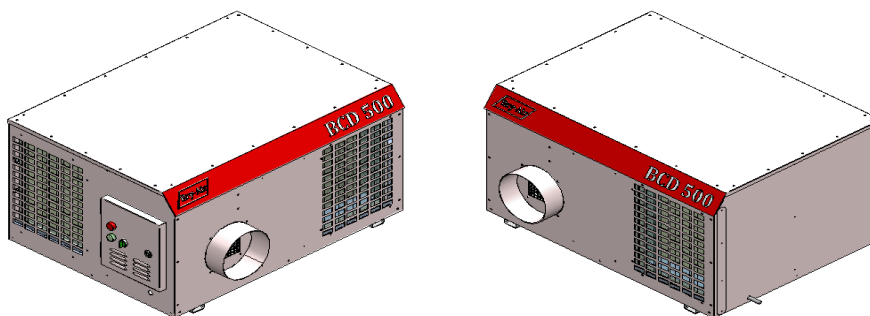
BRY COOL WITH HIGH PERFORMANCE, **ECG DRY** METAL SILICATE FLUTED
 DESICCANT SYNTHESISED ROTOR

FEATURE HIGHLIGHTS

- | | |
|--|---|
| <p>High efficiency and reliability</p> <ul style="list-style-type: none"> * The Dehumidifier is manufactured in an ISO 9001 and ISO 14001 compliant work environment. * It provides significant drying capability in a small package. * The unit utilizes a refrigerant circuit in conjunction with a heat reactivated desiccant wheel to provide efficient drying capability. * Uses environmentally friendly refrigerant R-410a. * Compact size for installations in small spaces. * CNC fabricated unit(s) with Precoated Steel Construction * Rotor media has high performance metal silicates synthesized in situ. * Rotor incorporates robust internal structure with GI * Edge hard face coating on rotor ensures long life and good sealing for media and seals. * Rotor is non-flammable with organics < 2%. * Process & Reactivation air flow sector is insulated * Unique SWTC flat seal design; minimized air leakage * Process and react with centrifugal AC motors for 500 CMH units. <p>Necessary control and safeties</p> <ul style="list-style-type: none"> * High Pressure & Low Pressure Switch in Refrigeration Cycle. * Electrical interlocking of fan, motors and rotor drive. | <p>Easy to operate</p> <ul style="list-style-type: none"> * Suitable for continuous operation <p>Easy to install</p> <ul style="list-style-type: none"> * Several mounting and installation options * Small footprints; low volume/weight per CMH. <p>Easy to maintain</p> <ul style="list-style-type: none"> * Quick and easy to service * Rotor is water washable |
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COMPACT DEHUMIDIFIER - BRY COOL SPECIFICATION

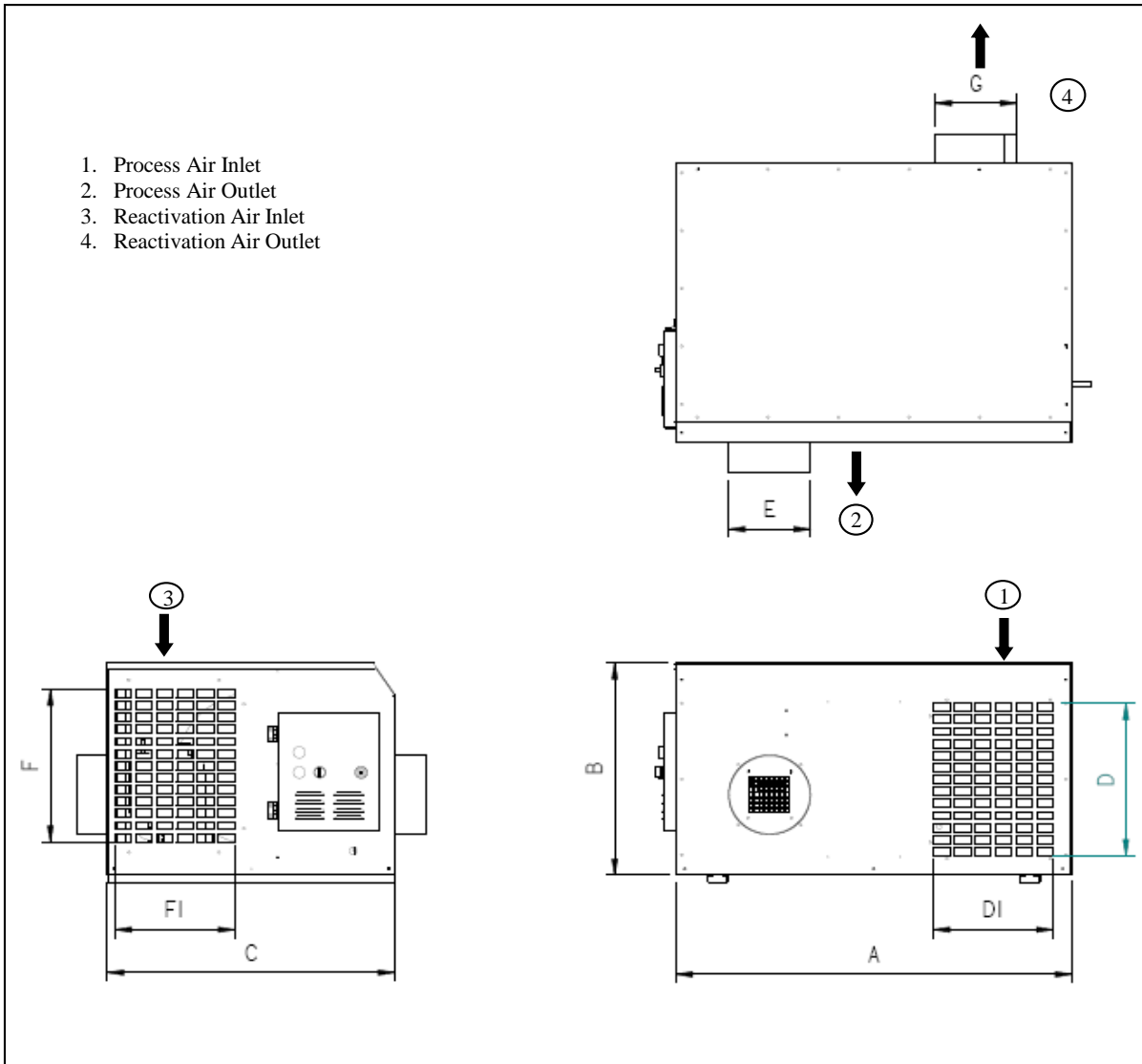
MODEL	PROCESS	PROCESS	PROCESS	REACT.	REACT.	REACT.	COMPRESSOR		POWER * REQD. (v/Ø/Hz.)	APPROX. WEIGHT Kg.
	AIR FLOW	ESP	MOTOR	AIR FLOW	ESP	MOTOR	REFRIGERATION CAPACITY	INPUT		
	CMH	(Pa.)	KW	CMH	(Pa.)	(KW)	KW	KW		
BRY COOL-500	500	150	0.25	500	150	0.25	2.67	0.9	230 /1/ 50	100



ALL DATA SUBJECT TO CHANGE WITHOUT NOTICE



DIMENSIONAL DATA & DUCT CONNECTION (mm)

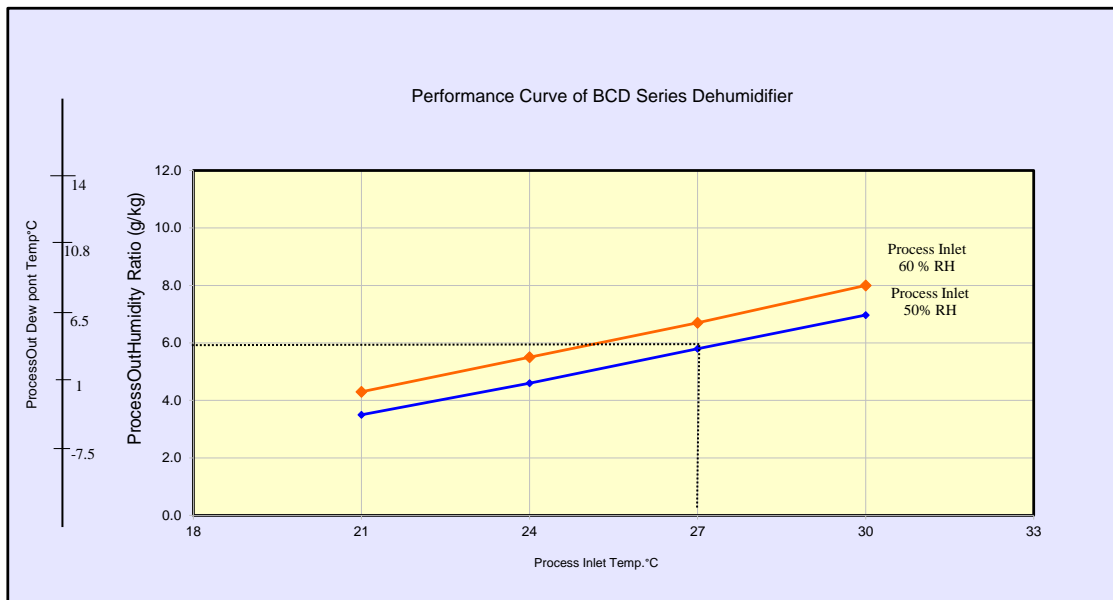


MODEL	UNIT DIMENSIONAL DATA (mm)			Process Duct Connection (mm)			Reactivation Duct Connection (mm)		
				Inlet		Outlet	Inlet		Outlet
	A	B	C	D	D1	ØE	F	F1	ØG
BRY COOL-500	955	530	695	380	290	200	380	290	200

Note : All dimensions in mm.

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Example : Conditions :

Process Inlet Temp. PI = 27°C
 Process Inlet W at 50% RH PI = 11.2 g/kg

Chart data :

Process outlet W at 50% RH PO = 5.8 g/kg

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Process Inlet Temp. PI = 27°C
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