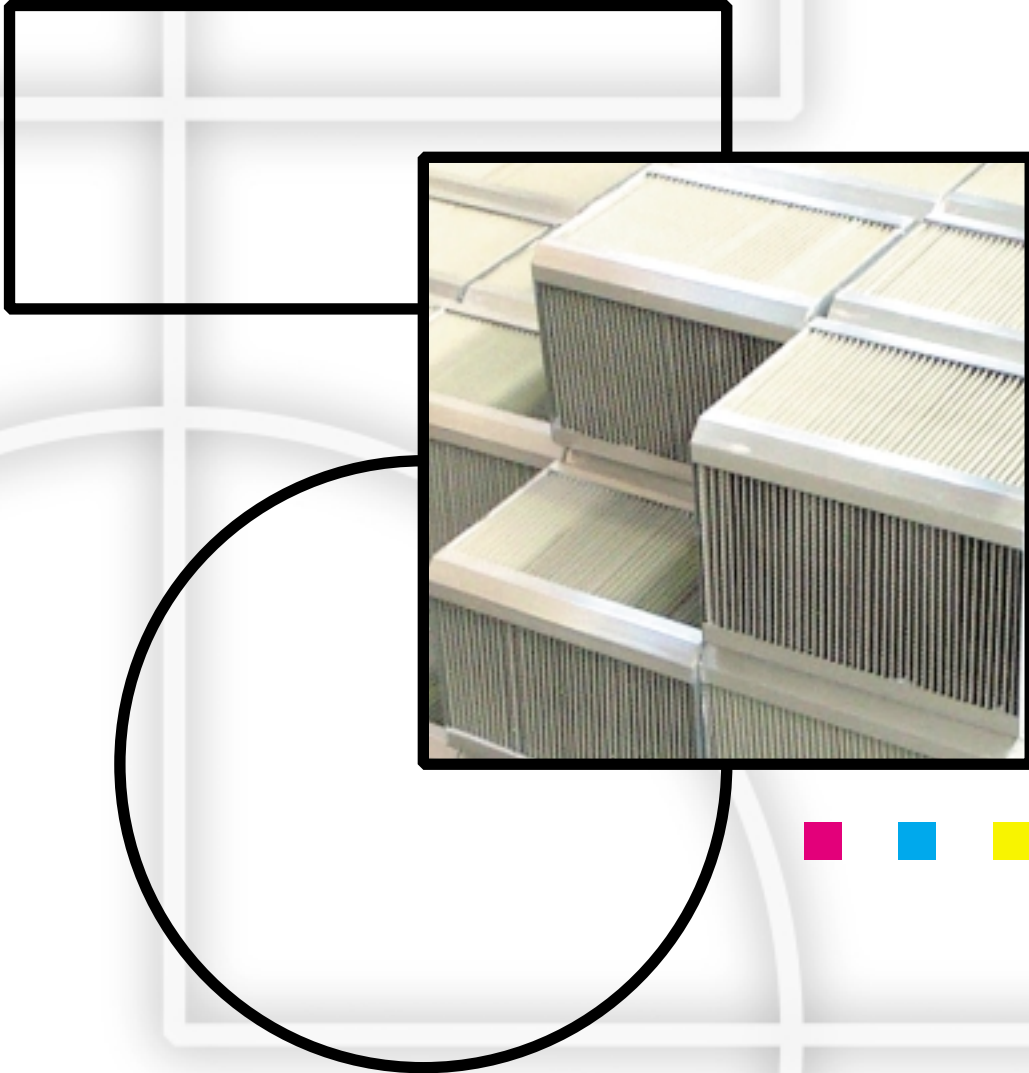


Recuperator Stock Cubes



Characteristics, Description and Sketch

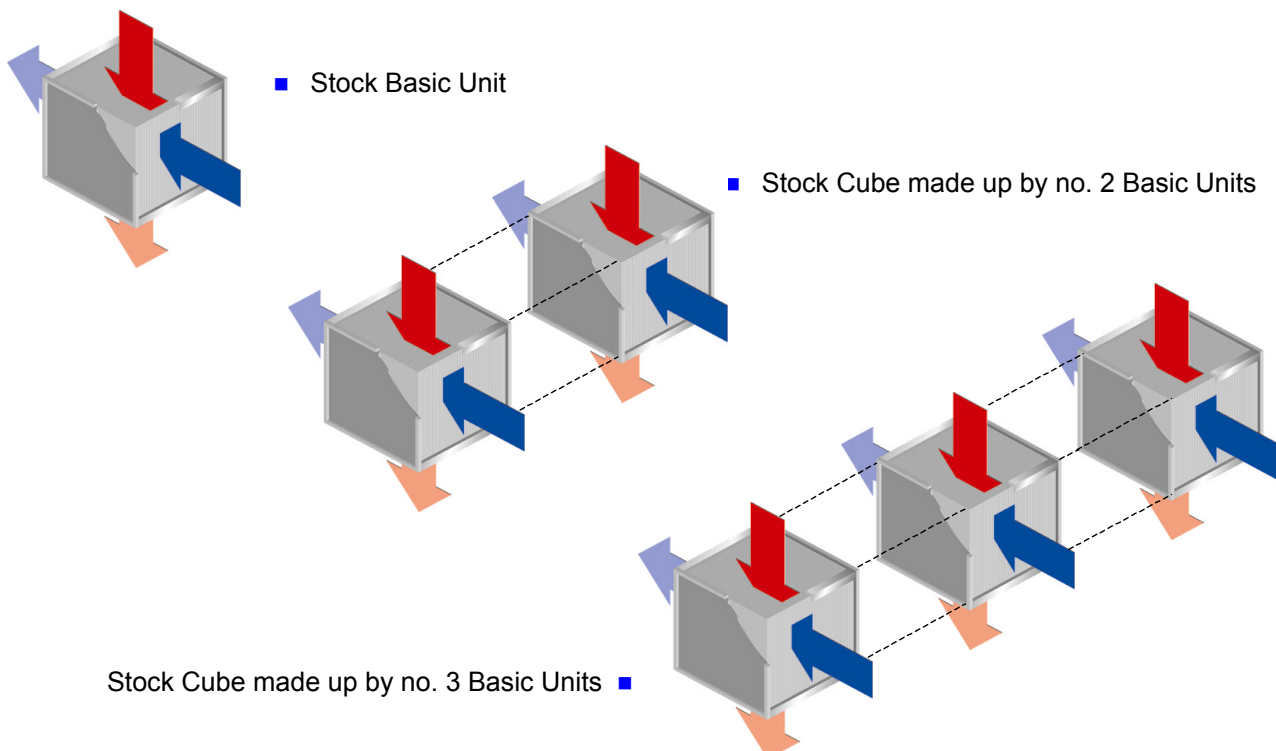
Characteristics

- B Series
- Models available 04 - 05 - 06
- Length from 200 to 1800 mm
- M (Medium) plate spacing for model 04 and L (Large) for models 05 e 06
- Working Temperature -30°C $+90^{\circ}\text{C}$
- Max differential pressure 1500 Pa
- Aluminum exchanger plates
- Aluzink reduced side plates
- Aluminum standard corner profile
- Additionally sealed exchanger block
- No silicon sealant

Description

- Recuperator Stock Cubes are made up by combining more basic units (in evidence in the data list) for each model.
- Special rubber gaskets or sealing are necessary to ensure tightness between the side plates.
- Reported performances must be considered indicative as they could change according to working conditions. For a correct technical evaluation, Recuperator offers at your disposal the calculation program Win Reco.

Sketch



Data and Price List

Model 04	Dimensions			Air Flow m³/h	η %	ΔP Pa	Net Price
	mm	mm	mm				
■ B AL 04 N 020 M S AZ SC	400	x 400	x 200	1000	51	190	
■ B AL 04 N 030 M S AZ SC	400	x 400	x 300	1500			
■ B AL 04 N 040 M S AZ SC	400	x 400	x 400	2000			
■ B AL 04 N 050 M S AZ SC	400	x 400	x 500	2500			
B AL 04 N 060 M S AZ SC	400	x 400	x 600	3000			
B AL 04 N 070 M S AZ SC	400	x 400	x 700	3500			
B AL 04 N 080 M S AZ SC	400	x 400	x 800	4000			
B AL 04 N 090 M S AZ SC	400	x 400	x 900	4500			
B AL 04 N 100 M S AZ SC	400	x 400	x 1000	5000			
B AL 04 N 110 M S AZ SC	400	x 400	x 1100	5500			
B AL 04 N 120 M S AZ SC	400	x 400	x 1200	6000			
B AL 04 N 130 M S AZ SC	400	x 400	x 1300	6500			
B AL 04 N 140 M S AZ SC	400	x 400	x 1400				
B AL 04 N 150 M S AZ SC	400	x 400	x 1500	7500			

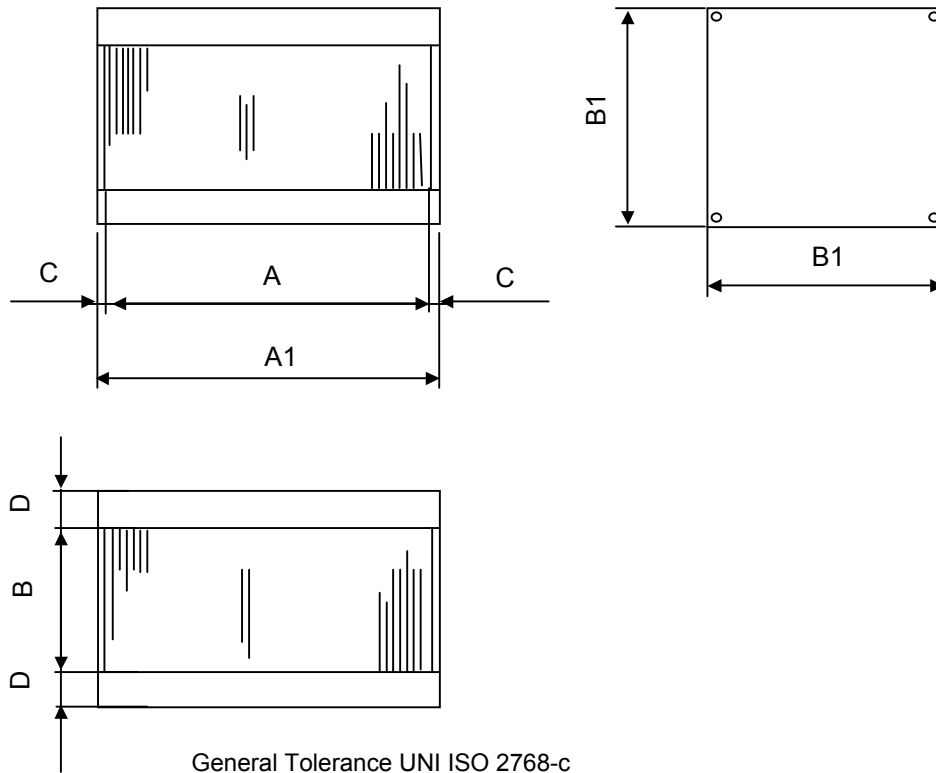
Model 05	Dimensions			Air Flow m³/h	η %	ΔP Pa	Net Price
	mm	mm	mm				
■ B AL 05 N 030 L S AZ SC	500	x 500	x 300	1800	51	190	
■ B AL 05 N 040 L S AZ SC	500	x 500	x 400	2400			
■ B AL 05 N 050 L S AZ SC	500	x 500	x 500	3000			
B AL 05 N 060 L S AZ SC	500	x 500	x 600	3600			
B AL 05 N 070 L S AZ SC	500	x 500	x 700	4200			
B AL 05 N 080 L S AZ SC	500	x 500	x 800	4800			
B AL 05 N 090 L S AZ SC	500	x 500	x 900	5400			
B AL 05 N 100 L S AZ SC	500	x 500	x 1000	6000			
B AL 05 N 110 L S AZ SC	500	x 500	x 1100	6600			
B AL 05 N 120 L S AZ SC	500	x 500	x 1200	7200			
B AL 05 N 130 L S AZ SC	500	x 500	x 1300	7800			
B AL 05 N 140 L S AZ SC	500	x 500	x 1400	8400			
B AL 05 N 150 L S AZ SC	500	x 500	x 1500	9000			

Model 06	Dimensions			Air Flow m³/h	η %	ΔP Pa	Net Price
	mm	mm	mm				
■ B AL 06 N 040 L S AZ SC	600	x 600	x 400	3000	55	240	
■ B AL 06 N 050 L S AZ SC	600	x 600	x 500	3800			
■ B AL 06 N 060 L S AZ SC	600	x 600	x 600	4600			
B AL 06 N 080 L S AZ SC	600	x 600	x 800	6200			
B AL 06 N 090 L S AZ SC	600	x 600	x 900	7000			
B AL 06 N 100 L S AZ SC	600	x 600	x 1000	7800			
B AL 06 N 110 L S AZ SC	600	x 600	x 1100	8600			
B AL 06 N 120 L S AZ SC	600	x 600	x 1200	9400			
B AL 06 N 130 L S AZ SC	600	x 600	x 1300	10200			
B AL 06 N 140 L S AZ SC	600	x 600	x 1400	11000			
B AL 06 N 150 L S AZ SC	600	x 600	x 1500	11800			
B AL 06 N 160 L S AZ SC	600	x 600	x 1600	12600			
B AL 06 N 170 L S AZ SC	600	x 600	x 1700	13400			
B AL 06 N 180 L S AZ SC	600	x 600	x 1800	14200			



RECUPERATOR

Stock Cubes



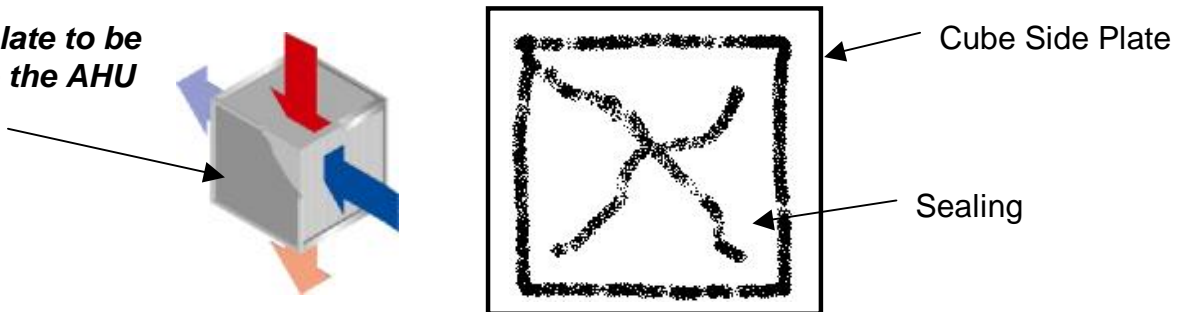
Stock basic units

	A mm	A1 mm	B mm	B1 mm	C mm	D mm
B AL 04 N 20 M S AZ SC	198	200	340	400	1	30
B AL 04 N 30 M S AZ SC	298	300	340	400	1	30
B AL 04 N 40 M S AZ SC	398	400	340	400	1	30
B AL 04 N 50 M S AZ SC	498	500	340	400	1	30
B AL 05 N 30 L S AZ SC	298	300	440	500	1	30
B AL 05 N 40 L S AZ SC	398	400	440	500	1	30
B AL 05 N 50 L S AZ SC	498	500	440	500	1	30
B AL 06 N 40 L S AZ SC	398	400	540	600	1	30
B AL 06 N 50 L S AZ SC	498	500	540	600	1	30
B AL 06 N 60 L S AZ SC	598	600	540	600	1	30

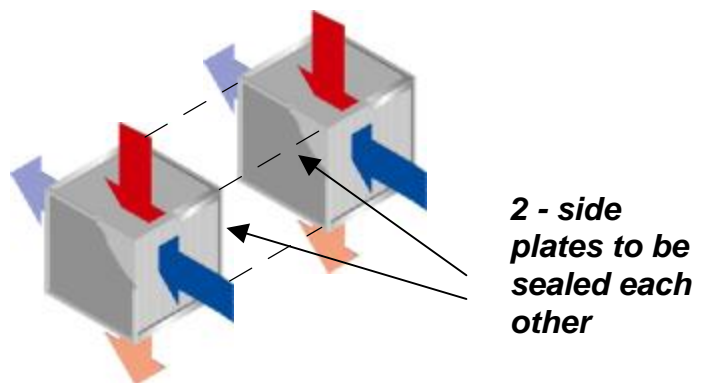
Recuperator stock cubes assembling in parallel

- A modular unit composed of 2 or 3 basic cubes can be easily assembled.
- When mounting a modular cube plate into an air handling unit, the only thing you have to do is to seal the side panels with sealing or rubber gaskets to ensure tightness between the side plates
- Each modular unit is packed in one box.
- In each box you find also a packing with some clips, to help the assembling
- Take off the modular units from the packing boxes
- From each basic cube, take away the side protection plastic (if present)
- Insert the first basic cube into the air handling unit sealing the side plate to the AHU (1) with standard silicon.

1 - side plate to be sealed to the AHU



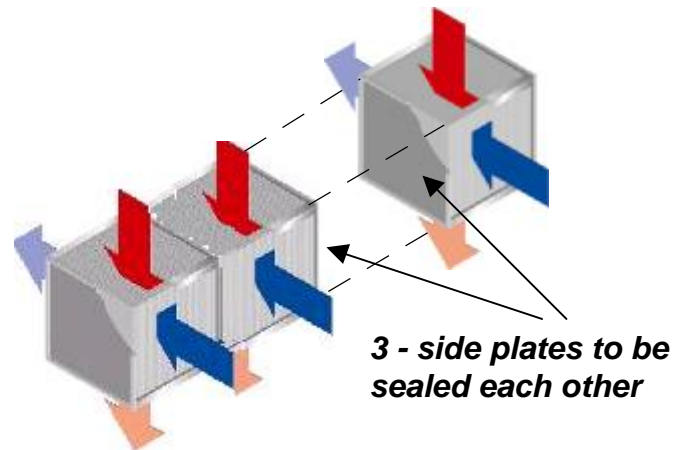
- Seal the second side plate of the first basic cube.
- Seal the side plate of the second basic cube and insert it into the air handling unit in parallel to the first basic cube. Keep pressed for some seconds.





Stock Cubes

- If you have to assemble three cubes, then seal the second side plate of the second basic cube.
- Seal the side plate of the third basic cube and insert it into the air handling unit in parallel to the second basic cube. Keep pressed for some seconds.



- **If necessary**, you can apply the supplied clips on the side plates to keep them pressed together during assembling. The application of these clips must be done keeping attention in not damaging the fins.

