

RECUPERATOR THE HEAT EXCHANGER



Example Commercial Code for Plate Heat Exchangers

B	X	AL	08	N	2100	C	1	...	A	E	...	SC	A	B	B	P	380	P	2	T
1	2	3	4	5	6	7	8	9	10	11	12	13								

1 SERIES

B-F: Cross-Flow
A: Cross-Flow high efficiency
E: Counter-Flow Exstream (+)
V: Cross flow with PVC fins

2 COMMERCIAL GROUP

3 PLATES MATERIAL

AL: Aluminium
AC: Aluminium + epoxy protection
AB: Aluminium B-Blue
I6: AISI316Ti stainless steel

4 MODEL

A/B series from 03 to 24
F series from 07 to 36
E series from 0806 to 20XM

5 TEMPERATURE RANGE

N: -30°C +90°C (-22°F +194°F)
D: -30°C +150°C (-22°F +302°F)
V: -30°C +200°C (-22°F +392°F)

6 OVERALL DIMENSION IN mm

7 PLATES SPACING

X-U-R-S-N-C-M-L-W-F (from closer to larger)
Please refer to the table for the conversion in mm or inch

8 NUMBERS OF MODULES

1: Nr. 1 module
2: Nr. 2 modules

9 OPTIONS

TV: Epoxy painted casing (for all side plates)
TA: Aluminium casing
TW: Aluminium painted casing
XS: Resistance to high differential pressure (for "F" series only)

10 DELIVERY

A: Standard
N: Pre-assembled (from model 14)
I: Not assembled (from model 14)

11 SIDE PLATES

Z: Reduced side panels (1mm)
R: Straight side panels
E: Bended side panels
F: Reduced bended side panels (20 mm) - from model 07

12 CORNER PROFILES (AVAILABLE WITH AZ AND AR SIDE PLATES)

CD: Slide-in corner profiles (90°)
CS: Beveled corner profiles (45°)

13 SEALING

SM: Mechanical sealing (std for F series)
SC: Additional sealing (std for B and A series)
DC: Indirect evaporative cooling sealing
SV: Horizontal plate configuration
NS: No silicon (available for temperature range "N" only)

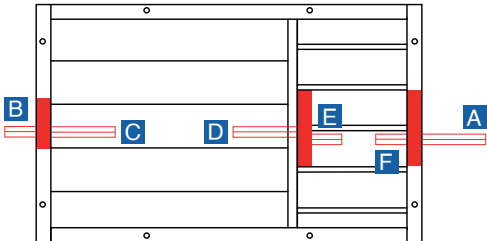


B	X	AL	08	N	2100	C	1	...	A	E	...	SC	A	B	B	P	380	P	2	T
14	15	16	17	18	19	20	21													

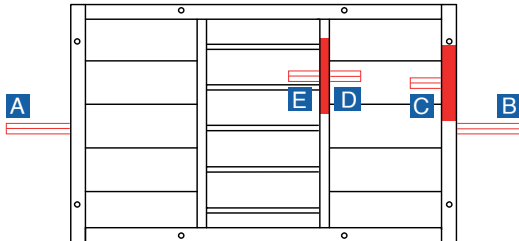
14 DAMPER SHAFT POSITION

0: No Shaft

Lateral bypass



Central bypass



15 DAMPER SHAFT CHARACTERISTICS

0: No shaft

(in mm)	Length S	60	90	100	150	180	200	250
Shape	Side Ø							
Square	8	O		P				
Square	12	A		B	C		D	E
Square	15					S	R	
Round	12	F	N	G	H		I	L
Round	16			M				

16 DAMPER MATERIAL

B: Aluminum

V: Painted aluminum

F: Without plastic parts

Z: Painted aluminum without plastic parts

A: Atex

17 BYPASS TYPE

P-D: Lateral bypass

S: Lateral bypass without damper

R-I: Lateral bypass with single opening

T-H: Lateral bypass with complete opening

C-E: Central bypass

Z: Central bypass without damper

G: Central bypass with single opening

K: Central bypass with complete opening

N: Central bypass without frame

18 BYPASS LENGTH IN mm

19 INSTALLATION OF PLATE HEAT EXCHANGERS

X: Without dampers

P: With damper (nr.of dampers = nr.of plate heat exchangers)

S: With damper (nr.of damper = 1)

Z: With damper (nr.of dampers = nr.of plate heat exchangers/2)

20 NUMBER OF PLATE HEAT EXCHANGERS

Number of plate heat exchangers (nr. of packages)

21 LEAKAGE TEST

Technical details to be agreed



Recuperator S.p.A.
a socio unico
via Valfurva, 13
20027 Rescaldina
Milano, Italy

tel. +39 0331 185 31
fax +39 0331 185 3000
recuperator@recuperator.eu
recuperator@pec.recuperator.net
www.recuperator.eu

C.F./P.I. 01816030157
Cap. Soc. € 500.000 i.v.
Registro Imprese
MI - 01816030157
REA MI - 870619



member of CAREL group