

**EXAMPLE COMMERCIAL CODE****B X AL 08 N 2100 C 1 AE SC ABBP 380 P 2 T****SERIES (B)**

B-F: Cross-Flow  
 A: Cross-Flow high efficiency  
 E: FIT- Exhagonal shape  
 ERP: Stock cubes  
 P: Cross-Flow (Industrial application)

**COMMERCIAL GROUP (X)****PLATES MATERIAL (AL)**

AL: aluminium  
 AC: aluminium + acrylic protection  
 AB: aluminium B.BLUE  
 I6: AISI316Ti stainless steel

**MODEL (08)**

from 03 to 07 (A and B dedicated lines)  
 from 08 to 24 (universal A/B lines)  
 from 07 to 24 (F line)  
 From 0706 to 2422 (E Line)

**TEMPERATURE RANGE (N)**

**Aluminium material**  
 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)  
**Stainless steel**  
 N: -30°C +90°C (-22°F +194°F)  
 X: -30°C +300°C (-22°F +572°F)  
 Y: -30°C +600°C (-22°F +1112°F)  
 Z: -30°C +1500°C (-22°F +2732°F)

**OVERALL DIMENSION mm (2100)**

Max 2500 mm

**PLATES SPACING (C)**

U-R-S-N: special close spacing  
 C: close  
 M: medium  
 L: large  
 W-F: special large spacing

**NUMBERS OF MODULES (1)**

0: special  
 1: nr. 1 module  
 2: nr. 2 modules  
 ...

**OPTIONS (AE)**

**Casing**  
 RF: reinforced casing (available with AE only)  
 TV: epoxy painted casing (for all side plates)  
 XS: resistance to high differential pressure (for "F" series only)

**Side panles**

AE: bended side panels for duct installation  
 AR: straight side panels  
 AZ: reduced side panels (1mm)  
 AF: 20 mm banded side plates

**Corner profiles (available with AZ and AR side plates)**

CD: slide-in corner profiles (90°)  
 CS: beveled corner profiles (45°)

**SEALING**

SM: mechanical sealing (std for F series)  
 SC: additional sealing (std for B and A series)  
 NS: no silicon (available for SM and SC options)  
 DC: data center sealing  
 SV: horizontal plate configuration

**DAMPER SHAFT POSITION (A)**

0: no shaft  
 A-B: external command  
 C-D-E-F: internal command

**DAMPER SHAFT CHARACTERISTICS (B)**

0: No shaft unit : mm  
 mm 60 100 150 200 250  
 Ø12 A B C D E  
 Ø12 F G H  
 Ø16 M

0: no shaft unit : in  
 in 2.36 - 3.93 - 5.90 - 7.87 - 9.84  
 Ø0.47 A B C D E  
 Ø0.47 F G H  
 Ø0.62 M

**BY-PASS/DAMPER TYPE (BP)**

BS: lateral by-pass without damper  
 BZ: central by-pass without damper  
 BP: lateral by-pass with damper and external shaft  
 BD: lateral by-pass with damper and internal shaft  
 BC: central by-pass with damper and external shaft  
 BE: central by-pass with damper and internal shaft  
 BN: central by-pass without frame damper  
 VP: lateral by-pass with painted damper external shaft  
 VD: lateral by-pass with painted damper internal shaft  
 VC: central by-pass with painted damper external command  
 VE: central by-pass with painted damper internal command

**BY-PASS LENGTH IN mm (380)****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)

**NUMBER OF PLATE HEAT EXCHANGERS**

Number of plate heat exchangers (nr. of packages)

**WATER TIGHTNESS TEST**

T: water test