KOPRON

K.C.P

1x06DC

THIS **P**NEUMATIC **C**ONNECTION **K**IT (1X06DC) INCLUDES:

- **21 BLUE PIPES, LENGTH 45 cm (A).**
- **2 BLUE PIPES, LENGTH 140 cm (B).**
- **6 RED PIPES LENGTH 40 cm (C).**
- **5 RED PIPES LENGTH 100 cm (D).**
- **1 RED PIPE, LENGTH 170 cm (E).**
- **1 BLACK PIPE, LENGTH 400 cm (F).**
- **3 15m ROLLS OF NYLON PIPING BLUE, RED, BLACK (L/M/N).**
- **1 IN-LINE FLOW CONTROL VALVE**
- **11 "T" PNEUMATIC CONNECTORS.**
- **2 "UNION" CONNECTOR.**

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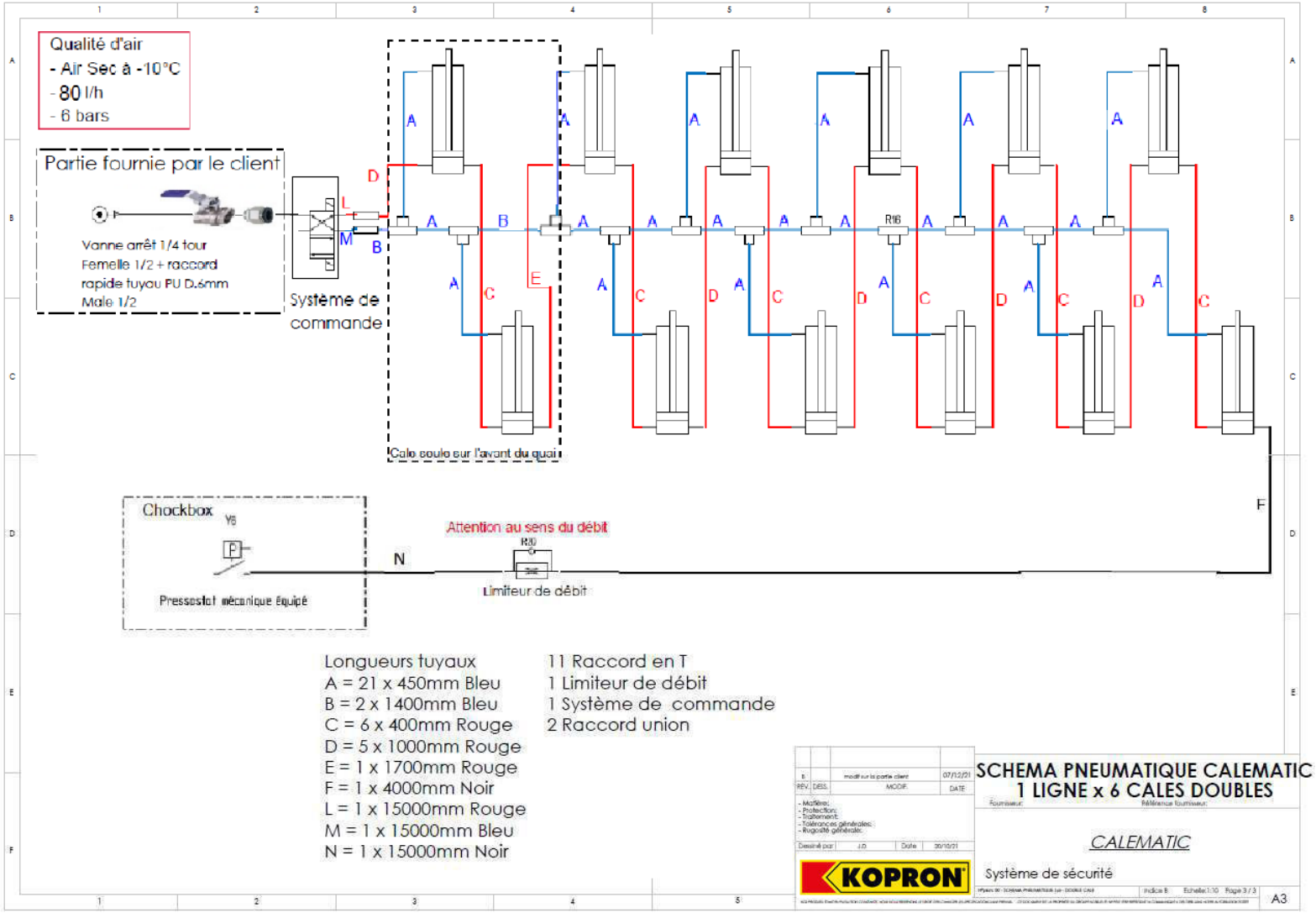
CONNECTION DIAGRAM



Longueurs tuyaux
A = 21 x 450mm Bleu
B = 2 x 1400mm Bleu
C = 6 x 400mm Rouge
D = 5 x 1000mm Rouge
E = 1 x 1700mm Rouge
F = 1 x 4000mm Noir
L = 1 x 15000mm Rouge
M = 1 x 15000mm Bleu
N = 1 x 15000mm Noir

11 Raccord en T
1 Limiteur de débit
1 Système de commande
2 Raccord union

SCHEMA PNEUMATIQUE CALEMATIC
1 LIGNE x 6 CALES DOUBLES

CALEMATIC

Système de sécurité

A3

USING THE PNEUMATIC CONNECTION KIT

***Before starting, check that the depth of the trenches, as measured from the concrete base to the metal chock-support brackets, is at least 31cm.**

- Check that your connection kit is complete.
- Remove the chocks from the concrete pit, or unload them from the pallet
- Pass the three 15m pipes (**Raising, lowering** and **return**) through the duct which links the pit to the warehouse (interior),

  Leave 1.5 m of pipes out of the pit for the **Raising** and **lowering.** The **return** pipe has to go up to the end of the pit.
- Connect the pipes to the air cylinders. The connection tubes must pass through the lower sections of the chocks. (See photos)
- Check that the tubes on all of the connectors are fully inserted into the quick release connectors, it should not disconnect if pulled.
- Connect the Raising tube to the connectors at the base of the air cylinders.
- Connect the Lowering tube to the connectors at the top of the air cylinders.
- Connect the Return tube from the flow control valve (traffic lights option) to the raising quick release connector on the air cylinder located furthest from the duct inlet.

Warning: respect the direction on the flow control valve, there are arrows indicating this. The flow control valve restricts the air flow going to the pressure switch inside the building. It is factory set to 4 bars (unscrewed by 2 turns from its closed state), this should be sufficient but if necessary this can be readjusted once the installation is complete.

- Return the chocks into the pit, be careful not to crush the pipes which should remain free, and must not be blocked against the sides of the chocks.

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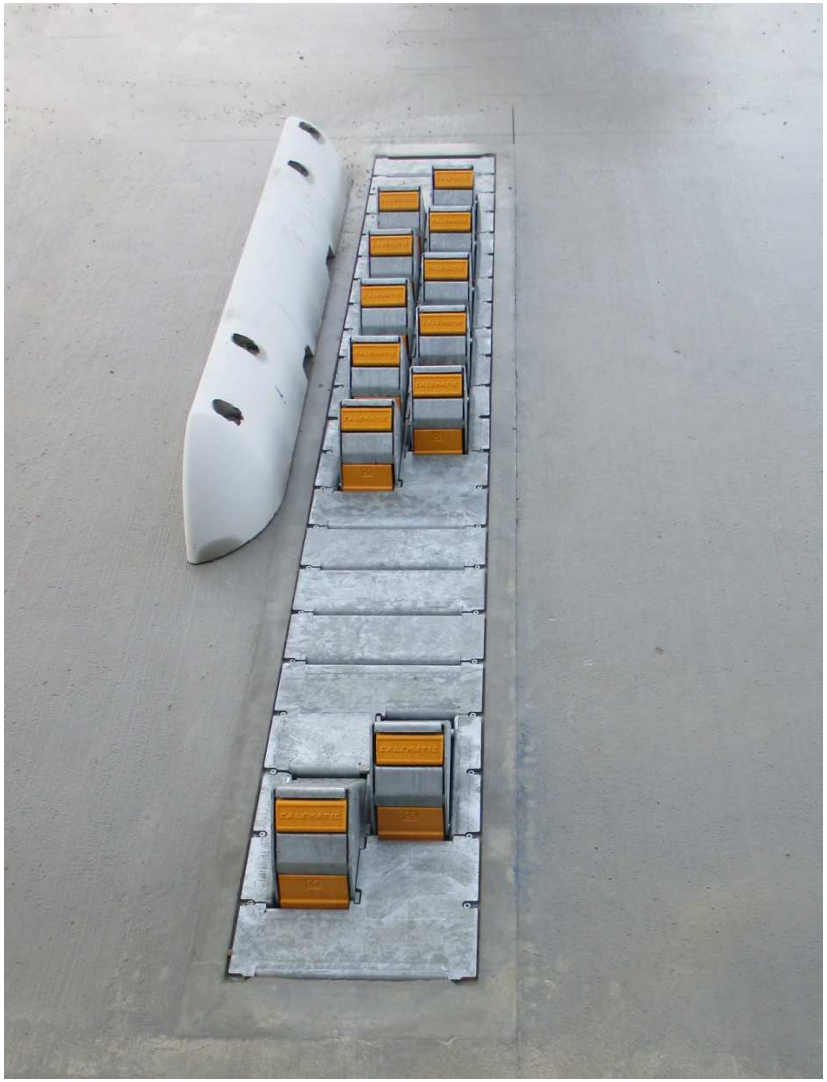
POSITION OF THE CHOCKS BEFORE CONNECTION

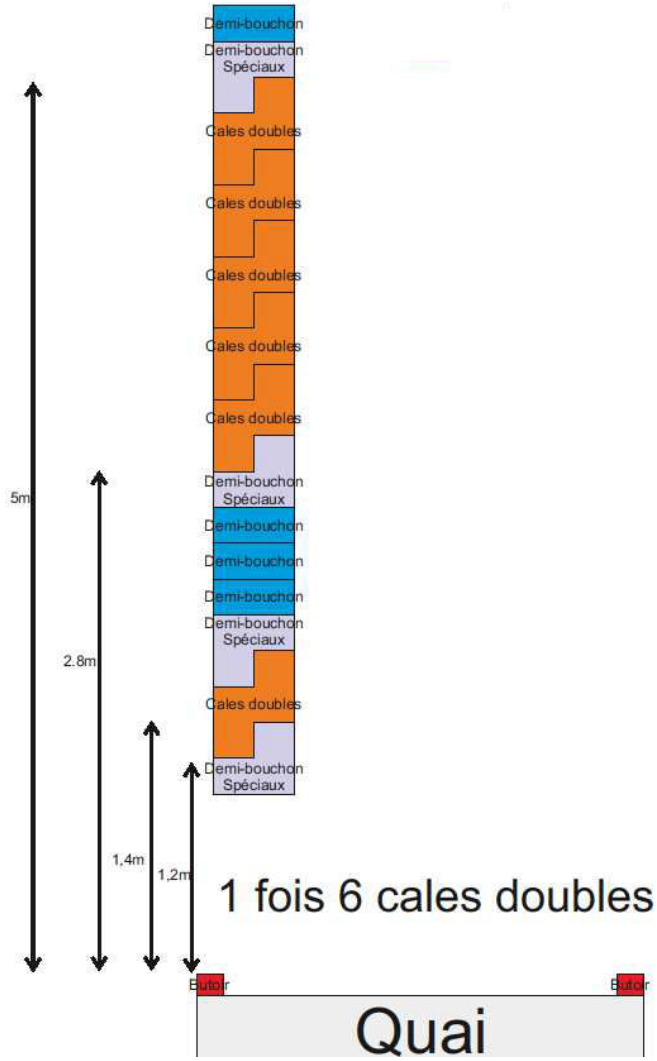
The pipes connected to the air cylinders must run beneath the chocks and the three pipes should be fixed with tape or similar.

CHOCK
POSITIONING EXAMPLE



POSITIONING EXAMPLE

WARNING: CERTAIN CONFIGURATIONS MAY VARY. (This example is for installations including container trailer)



Demi-Bouchon:
Half-cover plate

Cale double:
Double chock

1 fois 6 cales doubles:
1 set of 6 double chocks

Quai:
Loading bay

Butoir:
Bumper