Compressor

1

Mechanical
Flow Meter

Filter

Water
Separator

Filter

1/2"

Mechanical pressure
Gauge

Safety valve

6

To INT Supply

15mm OD/13mm ID   15mm OD/13mm ID

2

Yellow Tank
335 Litres

1/2"

3

SMC Filter

4

5

22mm OD/20mm ID   Copper

7

Bottled LN2 supply

22mm OD/20mm ID   22mm OD/20mm ID

3 um

Pressure switch

Electronic dew
point sensor

8

To JKT Supply

15mm OD/13mm ID   15mm OD/13mm ID

9

To WHT via LN2 Plant

22mm OD/20mm ID   22mm OD/20mm ID

10

Vent valve

Electronic vent valve

Valves by number

1   Valve 1/2" Output compressor

2   Valve 1/2" Main input accumulator tank

3   Main 1/2" Output accumulator tank

4   Valve 3/4" Input distribution manifold

5   Valve 3/4" Input distribution manifold

6   Valve 1/2" INT supply

7   Valve 3/4" Bottled N2 supply

8   Valve 1/2" JKT Supply

9   Valve 3/4" WHT Supply via LN2 plant

10   Valve 1/2" Tank bottom air vent

Legend

OD   Outside diameter of pipe
ID   Inside diameter of pipe
(m)   Metal pipe
(p)   Plastic pipe

x

Valve number 'x'

Water
Separator

Safety
Valve

Pressure
Gauge

Regulator/Filter

Flow
Meter

Compressor

Filter

INT

TITLE: INT Dry Air Distribution

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