



FLUSH HEAD WITH JETS (PPHT2)

Sold either as part of the flush sampling kit (ABS019F) or individually, it is used when sampling is required through a ceiling tile.

It is the perfect solution when differing hole sizes are required in the same pipe run.

The head features a standard 10mm central hole, into which can be inserted a choice of 8 jets with different sizes of sampling hole including:

2.0/2.5/3.0/3.5/4.0/4.5/5.0/5.5/6.0mm

The required size jet is simply twisted off the strip and push fit into the head (no cement required)

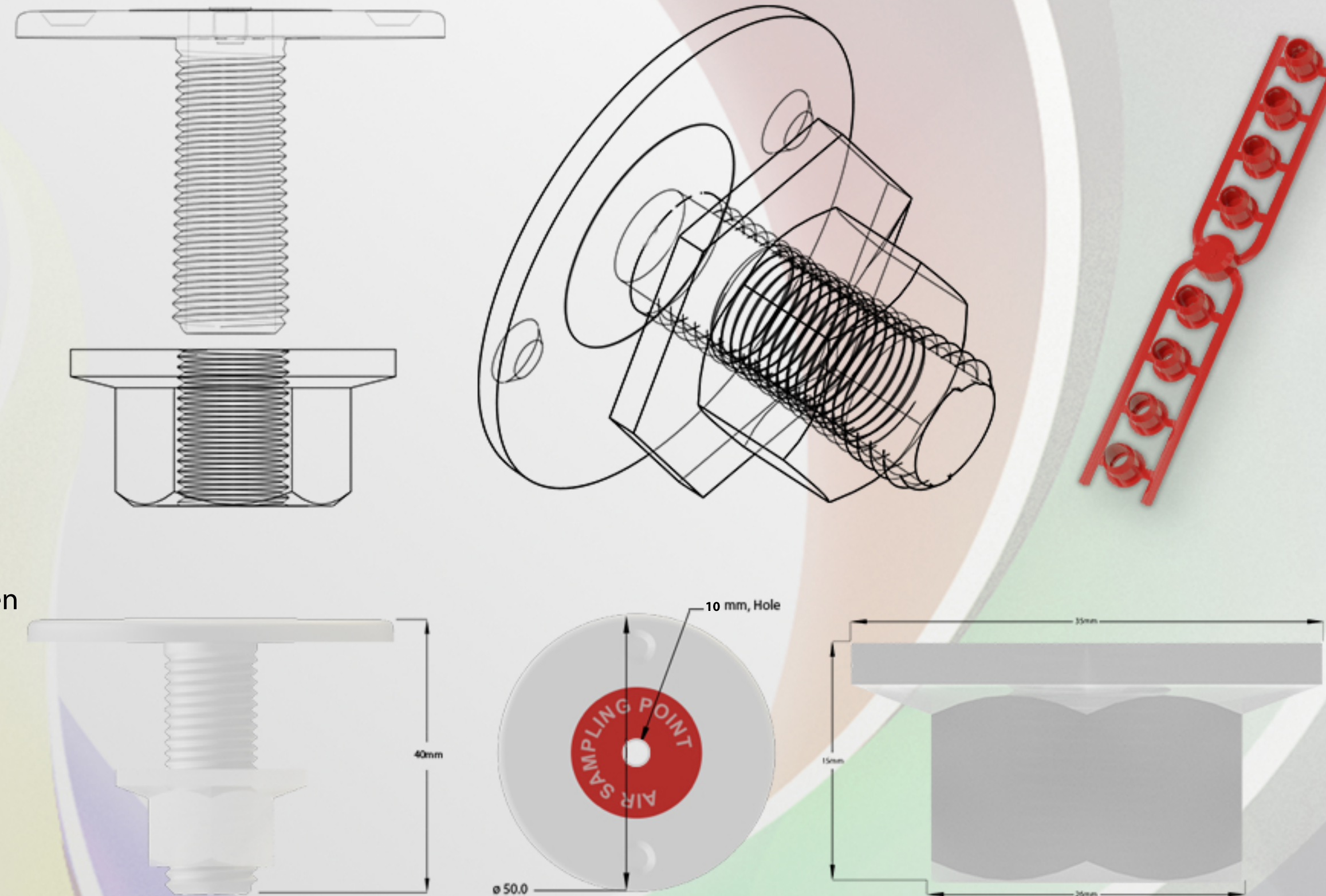
Installation Instructions:

A 15mm hole is required in the ceiling tile, the head is then secured to the ceiling with the nut/washer (supplied) or with 2x6mm screws (not supplied).

The 10mm connecting nylon tubing is then pushed into the sampling head from the rear. The locating for the tubing is concentric, therefore pushing the tubing firmly home ensures a secure and airtight fit.

Do not paint, Only install with Bisson pipe,
Do not obstruct the sampling holes.

Part No.	PPHT2
Jets color	RED
Sticker Text	"Air Sampling Point"
Diameter Tolerance	+/- 0.15mm



RAW MATERIAL DATA

Kumho ABS 750
Acrylonitrile Butadiene Styrene

Physical:
Specific Gravity 1.04
Test Method ASTM D792

Melt Mass - Flow Rate (MFR)
200°C/21.6 kg 47 g/10 min
200°C/5.0 kg 4.1 g/10 min
220°C/10.0 kg 34 g/10 min
Test Method ASTM D1238

Molding Shrinkage -
Flow 0.0040 to 0.0070 in/in
Test Method ASTM D955

Mechanical:
Tensile Strength
Yield, 73°F (23°C)
1.97 in (50.0mm)
6670 psi
Test Method ASTM D638

Tensile Elongation
Yield, 73°F (23°C)
1.97 in (50.0 mm), 15%
Test Method ASTM D638

Flexural Modulus
Yield, 73°F (23°C)
0.118 in (3.00 mm)
312000 psi
Test Method ASTM D638

Flexural Strength
Yield, 73°F (23°C)
0.118 in (3.00 mm)
9230 psi
Test Method ASTM D790

Impact
Notched Izod Impact
73°F(23°C), 0.126 in (3.20 mm), 5.5 ft-lb/in
73°F(23°C), 0.252 in (6.40 mm), 4.8 ft-lb/in
Test Method ASTM D256

Hardness
Rockwell Hardness (R-Scale) 108
Test Method ASTM D785

Thermal
Deflection Temperature Under Load
264 psi (1.8 MPa), Unannealed 185°F/85°C
Test Method ASTM D648

Vicat Softening Temperature 203°F/95°C
Test Method ASTM D1525

Flamibility
Flame Rating
0.0630 in (1.60 mm) HB
0.0866 in (2.20 mm) HB
0.126 in (3.20 mm) HB
Test Method UL 94

RAW MATERIAL DATA

Nylon

NFM 10x7.5 -
OD Tol's +0.03/-0.09mm
Burst Pressure 995 PSI / 68 bar
Bend Radius 40mm
Weight/30m 1.08kgs

NEM 10x8 -
OD Tol's +0.02/-0.10mm
Burst Pressure 772 PSI / 53 bar
Bend Radius 50mm
Weight/30m 0.87kgs

Temperature Range -
-40°C to +70°C, Occasional use up to
+130°C, Brittle point: -70°C

Technical information for use as
a guide only.

Pressure values given are based on
the short term burst pressure at 20°C
based on a 3:1 safety factor.
Any increase in temperature above
20°C will result in a decline in working
pressure values.

Products and specifications are subject
to improvements and change without
notice.

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