

This figure is a technical drawing of a COIL EVAP FLAT 375H 1095L 4R 12FPI 9.52DIA BF 1STG. It includes a detailed view of the coil assembly, showing dimensions such as 160mm length, 39mm diameter, and 19.2 ID.x 15 LG. The drawing also shows a side view of the coil with dimensions like 25mm, 50mm, 25mm, 50mm, 50mm, 50mm, 50mm, 50mm, 50mm, 80mm, 40mm, 12.7mm, and 291mm. A sensor pocket is shown brazed to the header. The drawing is labeled with 'BRAZE DISC Ø25 X2.5' and 'SWAGE 19.2 ID.x 15 LG'. The drawing is titled 'COIL EVAP FLAT 375H 1095L 4R 12FPI 9.52DIA BF 1STG'.

NOTES

- ALL DIMENSION IN mm.
- GENERAL TOLERANCES
 - FIN LENGTH UP TO 1016mm ±1.5 ,GREATER =±3mm
 - ALL TUBES ±3mm
 - HOLE DIA+0.1-0
 - FLAT PATTERN±0.5mm
 - FOLDS(each)±0.5mm
 - ANGLES & SQUARENESS ±1°
- ALL SHEETMETAL DIMENSIONS ARE OUTSIDE
- END PLATE - 1.5mm GALV.
- FINS - 0.115mm ALUMINIUM FOIL LOUVERED RIPPLED EDGE WITH HYDROPHILIC COATED (BLUEFIN)
- COIL TUBES - CU 9.52 X 0.28 X 0.15 (OUTSIDE DIA. X BOTTOM WALL X RIDGE HEIGHT) RIFLE BORE ENHANCED.
- ROW SPACING (HORIZONTAL) 21.65
- TUBE CENTRES 25.0
- HEADERS
 - HEADER A . 1 OFF X CU 19.05 X 1.22
- DISTRIBUTORS
 - DISTRIBUTOR A = CHATLEFF 3863-13-36-08
- NO CIRCLE ALLOWED ON THE DISTRIBUTOR LEADS, WAVE FORM IS ACCEPTED
- ALL WALL SECTIONS - R410A OPERATING PRESSURE.
- ALL VALVE CORES MUST SUIT R410a REFRIGERANT.
- COIL TESTING PRESSURE OF 4500 kPa WITH NITROGEN, DRY AIR OR HELIUM
- CHARGE COIL WITH NITROGEN 70 kPa -100 kPa AFTER TESTING.
- FOR TESTING AND CHARGING COIL REMOVE Ø9.53 STEM AND NUT FROM DISTRIBUTOR AND REPLACE WITH O-RING AND NUT.
- HEADER SEALED WITH BRAZED DISC AND ACCESS VALVE TO BE PROVIDED TO FACILITATE CHARGE OF NITROGEN & GAUGE CONNECTION.
- ALL SENSOR POCKET CU 9.52 x 0.75 OR 0.91 x 35 LONG TUBE.
- CLEARANCE HOLES Ø12 PROVIDED ON THE FIRST FOUR HOLES OF FIRST HAIRPIN AND LAST TWO HOLES FOR LAST TUBE PER CIRCUIT.

SUMMARY

- FACE AREA= 0.411m²
- FPI = 12
- FL X FH = 1095 X 375
- ROWS = 4
- No R/BENDS= 26
- TUBES PER CIRC = 7 / 9
- NO. OF CIRC = 8

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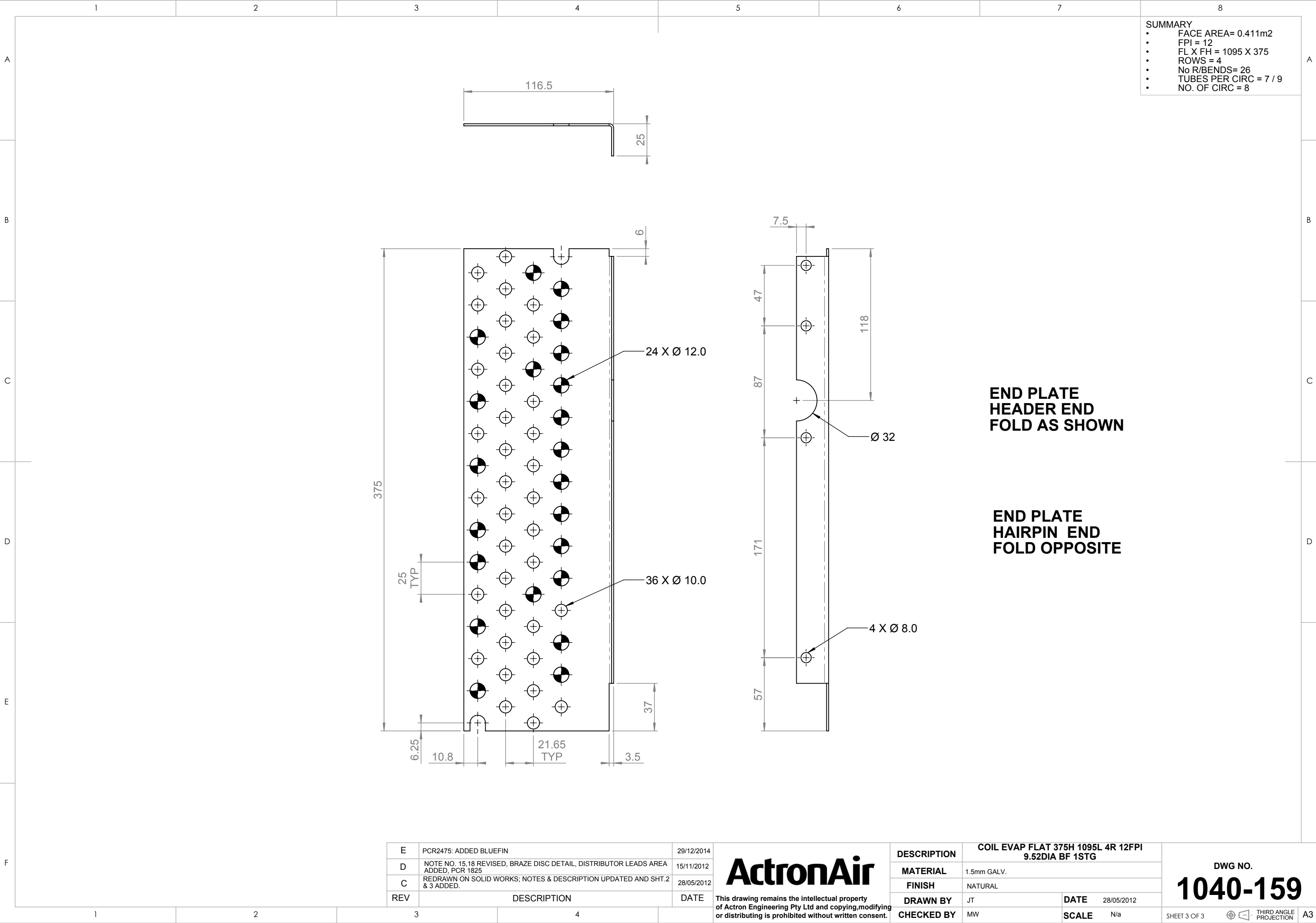
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DESCRIPTION	COIL EVAP FLAT 375H 1095L 4R 12FPI 9.52DIA BF 1STG	
MATERIAL	SEE NOTES	
FINISH	SEE NOTES	
DRAWN BY	JT	DATE 28/05/2012
CHECKED BY	MW	SCALE N/a

REV	DESCRIPTION	DATE
E	PCR2475: ADDED BLUEFIN	29/12/2014
D	NOTE NO. 15.18 REVISED, BRAZE DISC DETAIL, DISTRIBUTOR LEADS AREA ADDED, PCR 1825	15/11/2012
C	REDRAWN ON SOLID WORKS; NOTES & DESCRIPTION UPDATED AND SHT.2 & 3 ADDED.	28/05/2012

DWG NO. 1040-159

SHEET 2 OF 3 THIRD ANGLE PROJECTION A3



E	PCR2475: ADDED BLUEFIN	29/12/2014
D	NOTE NO. 15,18 REVISED, BRAZE DISC DETAIL, DISTRIBUTOR LEADS AREA ADDED, PCR 1825	15/11/2012
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DESCRIPTION	COIL EVAP FLAT 375H 1095L 4R 12FPI 9.52DIA BF 1STG	
MATERIAL	1.5mm GALV.	
FINISH	NATURAL	
DRAWN BY	JT	DATE 28/05/2012
CHECKED BY	MW	SCALE N/a

DWG NO.	1040-159
SHEET 3 OF 3	
THIRD ANGLE PROJECTION	A3