Core Specifications

AIR RADIATORS

7/16/07	Tuba Ritab	11.1mm (7/14	21	
FPI 4, 5, 6, 6.5, 7, 8, 9, 10, 11, 12, 13, 14	Tube Size	12.2 x 2.6mm	,,	
	ROWS	CORE THICKNESS	FIN MATERIAL	FIN FINISH
	2	38		
	3	57	Capper.	
1 0 1 0 0 0 1 0 0 0	4	76	Brass,	
	5	95	HD Copper, Steel	Louvred, Dimpled
	6	115	Solder Coated	Dillipica
	7	134	Copper	
	8	152		

Maximum core height 1800mm. Check availability of core widths exceeding 1200mm











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		Flat Fin - Staggered Tu	bes			
		ULTRA T	Tube Pitch	12.7mm (1/2)	
		FPI 4, 5, 6, 6.5, 7, 8, 9, 10, 11, 12, 13, 14	Tube Size	12.2 x 2.0mm		
I	FIN FINISH		ROWS	CORE THICKNESS	FIN MATERIAL	FI Fini
			2	29		
er.			3	41		
s,			4	52		
iper,	Louvred, Dimoled		5	63	Copper,	
oated	Dillipled	영경 분부 영경 분부 명한	6	74	Brass, Solder Costed	Dimp
er			7	86	Copper	CODITIO
			8	97		



10 120

169

NISH						
	5/8	STC	Tube Pitch	15.9mm (5/8')	
	FPI	4.5, 5, 5.5, 6, 7, 9, 10, 11, 12, 14	Tube Size	12.2 x 2.6mm		
			ROWS	CORE THICKNESS	FIN MATERIAL	FIN FINISH
ouvred,	- 5		2	31		
npled	3	45				
		4	58			
	76		5	72		
	15		6	85		
	- 1		7	99	Copper,	
			8	113	Brass, Solder Coated	Dimple,
			9	126	Copper	
			10	140		

10	140
11	156
12	169
13	183
14	197
14	137
A 1 A 1 A	

FPI 4.5, 5, 5.5, 6, 7, 9, 10, 11, 12, 14	Tube Size	13.54 x 2.54n	m	
	ROWS	CORE THICKNESS	FIN MATERIAL	FIN FINISH
	2	31		
ynynynynyn	3	45		
	4	58		Dimple, Louvred, Flat
	5	72	Copper,	
	6	85	Brass, Solder Coated Copper	
Uniunununun	7	99		
20202020202020	8	113		
	9	126		
	10	1.40		



5/8 KAT	Tube Pitch	15.9mm (5/8	")	
FPI 4, 5, 6, 6.5, 7, 8, 9, 10, 11, 12, 13, 14	Tube Size	12.2 x 2.6mm		
0.00	ROWS	CORE THICKNESS	FIN MATERIAL	FIN FINISH
	3	58		
	4	77	Copper, Brass, HD Copper,	Dimpled, Double or single steel
	5	96		
	6	115		
	7	134	Steel, Solder Coated	
	8	153	Copper	facing
	9	172		
	10	191		



Coil Fin

COIL		Tube Pitch	31.75mm (1.2	57)	
FPI 10		Tube Size	12.7mmØ		
		ROWS	CORE THICKNESS	FIN MATERIAL	FIN FINISH
		2	55		
WAEN (CA)		3	82.5		Hydrophili
	O O	4	110		
		5	137	Aluminium	
		6	165		
		7	192.5		
		8	220		





the cooling group. Deep Hem

Air Radiators offers the Deep Hem feature on all plate fin radiator cores. piate the radiator cores. Deep Hem is a system where the faces of the core are folded back past the first row of tubes. This process significantly increases rigidity of both core faces, and extends service life, particularly in applications where the core surfaces are regularly impacted by foreign objects or high pressure power-wash.

CKET WATER				
13 - 18	Tube Size	16, 26, 36, 38	54.5mm	
	ROWS	CORE THICKNESS	FIN MATERIAL	FIN HEIGHT
	1	17.5		6, 8 or 4.75
	1	27.5	Aluminium	9 or 4.75
	1	36		6 or 8
	2	36		6 or 8
	1	38		7 or 8
	1	54.5		6, 8 or 4.75
	2	54.5		6 or 4.75
	3	54.5		6, 8 or 4.75
nm Fin is also know as SL Fin	2	56		9
75mm Fin is also know as XF Fin	4	73		6, 8 or 4.75
IARGE AIR COOLER				
13 - 18	Tube Size	36, 54.5, 73m	m	
A REAL PROPERTY AND ADDRESS OF TAXABLE PARTY.	powe	CORE	FIN	FIN







South Australia

Thailand

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Air Radiators (Thailand) Ltd. 7/284 Moo 6 Amata City Industrial Estat

Mabyangporn, Pluakdaeng, Rayong 21140

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If the core type you are after is not represented above, please contact Air Radiators.



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13 Walters Way, Forrestfield, Western Australia, Australia 6058 airradiators.com

CT 8.4	Tube Pitch	8.4mm		
FPI 14	Tube Size	16 x 2mm		
LAAAAAAAAA	ROWS	CORE THICKNESS	FIN MATERIAL	FIN FINISH
****	2	38		
	3	58	Copper	Lours
	4	77.5	Hernmed	LOUVIE
	5	96.6		
VAVAVAVAVAVAVA	P			
CT 10 S	Tube Pitch	10mm		
FP1 12 - 24	Tube Size	13 x 2mm or 1	2 x 2mm	
AAAAAAAAAAAA	ROWS	CORE THICKNESS	FIN MATERIAL	FIN FINIS
et e	1	16		
************	2	29		
		44.5	Copper	

T 12 J	Tube Pitch	12mm	
PI 8-18	Tube Size	13 x 2mm or 1	2 x 2mm
	ROWS	CORE THICKNESS	FIN MATERIA
****	2	29	
	3	44.5	HD Copp
	4	60	Hemme
	5	75.5	
PPPPPPPPP			
т	Tube Pitch	15mm	





Aluminium Tube

Brass Tube

0.254mm (0.01") smooth only.







7/16 STC

FINISH



Ultra Fused is the leading tube-to-header joint technology in copper/ brass radiator core design. This ground breaking development has revolutionized the mechanical performance capability of plate and serpentine fin radiator core construction. Ultra Seal - setting new standards in Charged Air Cooling. Ultra Seal is a flexible tube to header joining system that accommodates core exp ntraction through temperature cycling and also absorbs vibration construction. Liltra Seal delivers ontimum nerformance The fusion welded joint at the junction of





Ideal for super heavy duty cooling defence equipment and power generation applications such as locomotive engines, haul trucks and power generation. Extremely strong tube-to-header construction is combined with thick-walled brass tube for maximum strength and







Header Types

RECESSED

TURF

THICKNESS

0.178mm (0.007")

0.22mm

(0.01")

HEADER MATERIAL

Rrace

SUB HEADER

Pressed Corner Radius (mm)

HEADER

Brass

SUB HEADER

Pressed Corner Radius (mm)

5 10 12 16 (fabricated radius also available)

None Corner

Corner Full

10, 16

TURN UP

TURF

0.178mm

(0.007")

0.22mm (0.01")

Full

Type

HEADER

THICKNESS

0.9

10

Tune

HEADER

THICKNESS

1.0

None

HEADER THICKNESS

1.2 mm

1.6mm

6 0mm

2.5mm

1.2 mm Phosphor Bronze

TABBED (PTR)

TURF

THICKNESS

0.178mm (0.007")

0.22mm reworking

(0.01")

HEADER MATERIAL

90/10 Brass

(Red Brass) to facilitate

SUB HEADER

Pressed Corner Radius (mm)

5.5, 8.5, 10, 13

40 45 55

HEADER

MATERIAL

Resco

SUB HEADER

BOXED

Corner Full

HEADER MATERIAL

Brass

TURF

THICKNESS

0.178mm (0.007")

0.22mm

(0.01")

Cutter width

Corner Full

Tune

HEADER

THICKNESS

0.6

Type

HEADER

1.0

1.2

1.6

2.5

HEADER PLATE

Louvred

FIN FINISH

Louwred

FIN FINISH

60

5 75.5

4