



Hooded Roof Fans Profile Base

Supply or Extract



Call Toll Free: 1300 224 308

Hooded Roof Fans Profile Base

PERFORMANCE DATA

Performance Data	Model No.*	Fan Diameter mm	Motor Kw/RPM	Motor V/Ph	Current F.L.A.	Free Air Delivery
	7-40241 CI, TD, SS or SD	400	0.2/1440	240V/1Ph	1.4	1480
	7-40243 CI, TD, SS or SD	400	0.2/1440	415V/3Ph	1.1	1480
	7-60161 CI, TD, SS, DR or LS	600	0.37/960	240V/1Ph	3.0	3010
	7-60163 CI, TD, SS, DR or LS	600	0.37/960	415V/3Ph	1.3	3010
	7-60241 CI, TD, SS, DR or LS	600	1.1/1440	240V/1Ph	6.9	4300
	7-60243 CI, TD, SS, DR or LS	600	1.1/1440	415V/3Ph	3.3	4300
	7-80123 TD or SS	800	0.55/720	415V/3Ph	2.3	5400
	7-80163 TD or SS	800	1.1/960	415V/3Ph	3.4	6800
	7-12083 CI, TD, SS or LS	1200	2.0/480	415V/3Ph	7.0	12800
	7-12123 CI, TD, SS or LS	1200	2.2/720	415V/3Ph	7.8	14000

*Last 2 letters denote availavle profile. CI - Corrugated Iron; TD - Trimdek; SS - Super Six; DR - Double Rib; SD - Spandek; LS - Longspan.

INSTALLATION GUIDE FOR PROFILE BASE FANS

Step 1

Locate and mark area where fan is to be installed. Preferably between two perlins. Cut roof sheet 250mm (min) shorter than profile base. Loosen roof fixings of surrounding roof sheets.

Step 2

Slide in fan ensuring base underlaps on under side and overlaps on the lower side. Ensure base is supported by at least two perlins.

Step 3

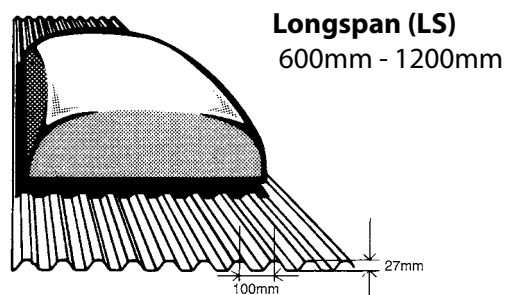
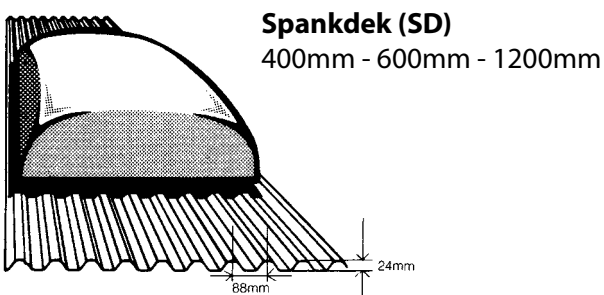
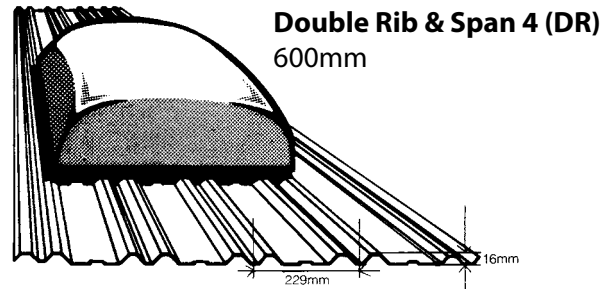
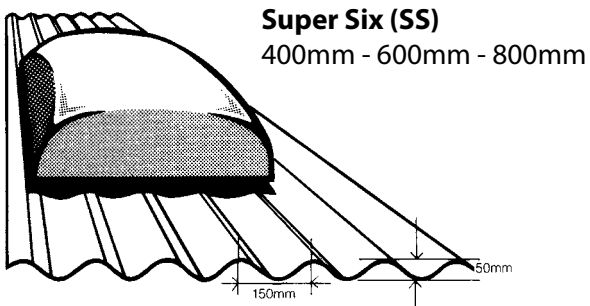
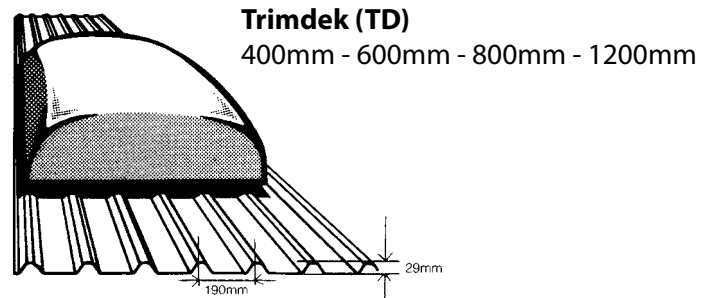
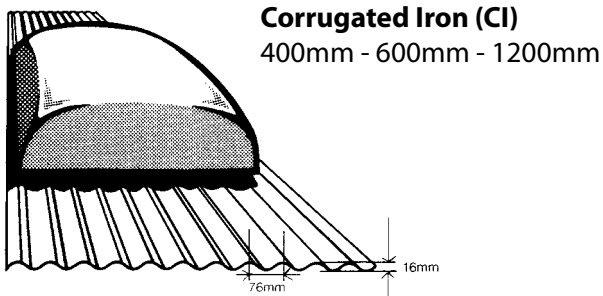
Ensure corrugations tie in. Run a 10-20mm thick bead of silicone sealant between profile base and roof sheet overlap. Fasten provile base to roof sheets *and* into perlins with appropriate roof fasteners.

Step 4

For ultra waterproof installation, use membrane type water sealant kit to flash along all four edges.

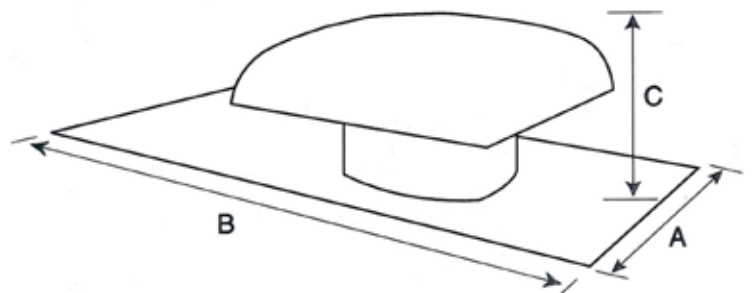


BASE PROFILES (to match your roof sheets)



HOODED ROOF FAN - PROFILE BASE

Diameter	A mm	B mm	C mm
400	850	1500	500
600	900	1450	500
800	1050	2100	2000
1200	1630	2000	850





Hooded Roof Fans Profile Base

General Description

The Fanquip Profile Base Hooded Roof Fan is manufactured in Australia to operate in the most demanding climatic conditions. The unique feature of these fans is the heavy duty fibreglass base which is moulded to match various popular roof profiles (e.g. Corrugated Iron and Trimdek). This allows the fans to be installed without the need of a fan base/upstand and installation time and costs are greatly reduced. The impeller is directly driven and can be used to extract or supply large volumes of air. The fibreglass spigot is reinforced with an alloy spigot ring, giving excellent rigidity and resistance to the weather. The fibreglass domed hood gives maximum weather protection and minimum resistance to airflow.

Options:

Motors can be rated for hazardous locations (i.e. flameproof Ex(e) or Ex(d), or wet/dusty conditions (hoseproof IP-56). Fibreglass can be finished in clients colour of choice. Being Australian made ensures all components are available at short notice.

Applications

Extensive range of applications in factories, plant rooms, workshops, processing plants and machinery. Used for extraction of heat, steam, dust, stale air and fumes.

Technical Advice

Industrial Fan Equipment Pty Ltd (Fanquip) has technical consultants available to give advice on the correct choice of Hooded Roof Fans for your needs.

Installation and Maintenance

The procedures as outlined in Fanquip installation, operation and maintenance instructions (separate leaflet), should be followed to ensure satisfactory performance and service life.

Warranty

Twelve months guarantee on mechanical and electrical componentry subject to satisfactory maintenance with assessment and rectification, if any, to take place after return by customer to Fanquip's workshop.

