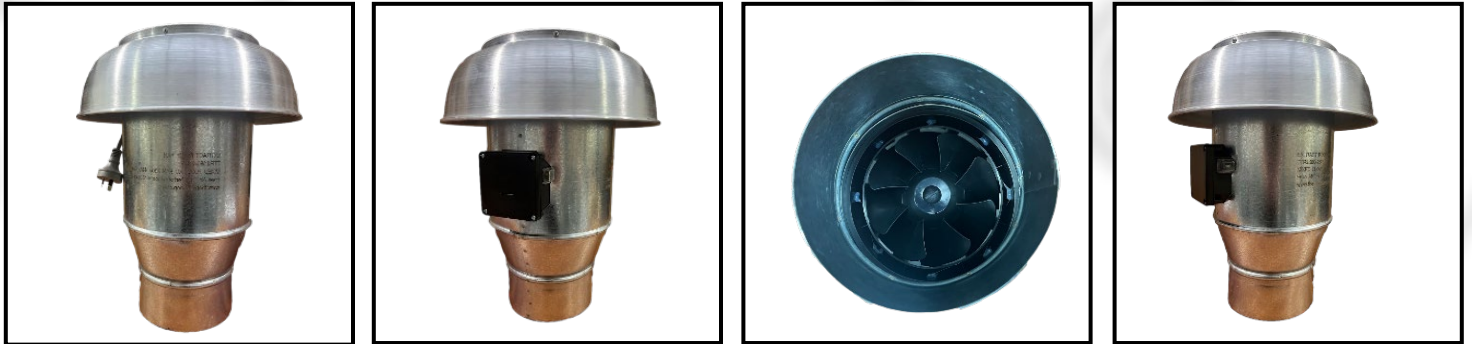


# Technical Data Sheet

## TT-RIL-150-EX-2S 150Ø Roof Fan



Roof Exhaust Mixed Flow Fan 150mm 2 Speed



The TT-RIL-150-EX-2S is a quiet and efficient roof exhaust fan designed for residential and light commercial ventilation applications. Featuring a high-performance mixed flow impeller, the unit delivers strong airflow performance with lower noise levels than traditional axial roof fans, making it ideal for bathrooms, kitchens, laundries and other wet areas where reliable extraction and quiet operation are important.

Designed as a complete roof-mounted ventilation solution, combining a fully weatherproof spun aluminium roof cowl with a mixed flow fan assembly to provide dependable year-round ventilation performance in New Zealand conditions. Minimizing indoor noise with the fan outside the mixed flow impeller provides improved airflow performance duct runs commonly found in residential and light commercial installations.

AIRFLOW ENGINEERING (SI) LTD THE HVAC SHOP  
UNIT 2, 3 LANGSTONE LANE, NORTHCOTE, CHRISTCHURCH  
PHONE +64 3 365 6278 EMAIL SALES@THEHVACSHOP.CO.NZ  
WWW.THEHVACSHOP.CO.NZ

## Fan Details

**Impellers:** Mixed flow impeller

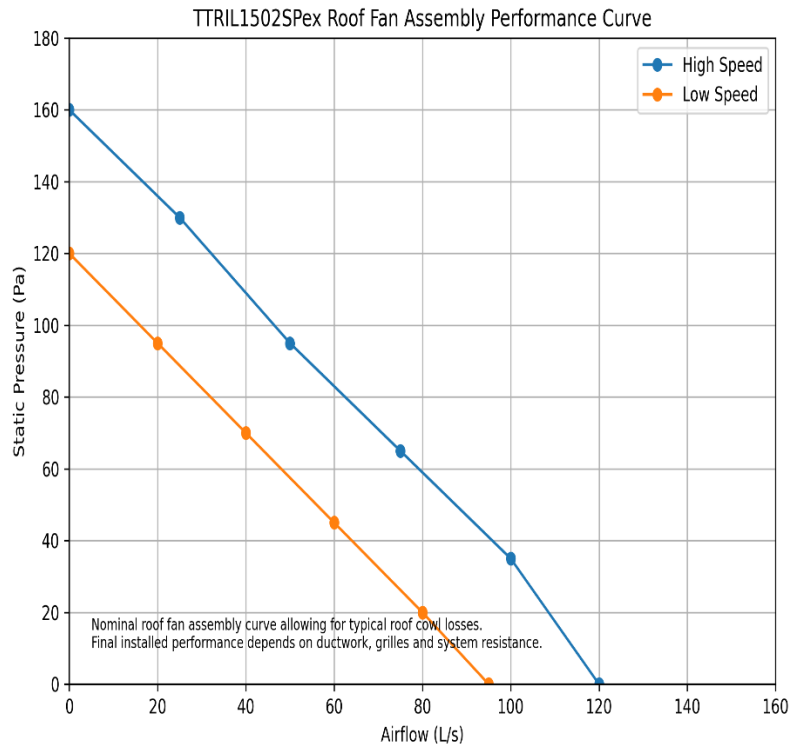
**Nominal Roof Fan Airflow:** 120 l/sec (High)

**Installed decibel rating:** 42 DB(A) @ 3m

**Speed Control:** 2 Speed Switch

**Casing:** Fully weatherproof galvanized

<b>Voltage</b>	230V
<b>Phase</b>	1Ø
<b>Frequency</b>	50Hz
<b>Motor Type</b>	Mixed Flow
<b>Input Power</b>	50W H / 44W L
<b>Current Draw</b>	0.22A / 0.19A
<b>Insulation Class</b>	Class B
<b>Protection Rating</b>	IP44
<b>Thermal Protection</b>	Manual reset
<b>Airflow Tested</b>	to ISO5801 Part 1:1997
<b>Noise Tested</b>	to BS848 Part 2:1985
<b>Complies with</b>	AS/NZS60335-2-80:2016 requirements for in-duct fans



## Features

- High-performance mixed flow impeller
- Quiet operation
- Roof-mounted design reduces indoor noise transmission
- Fully weatherproof construction
- Spun aluminium roof cowl
- 2-speed operation
- Suitable for short to medium duct runs
- Compact roof-mounted design
- Internal thermal overload protection
- Speed controllable on high-speed setting
- Galvanised steel construction
- Wiring can be run internally or externally down the tube
- Easy installation with no time-consuming upstands required

AIRFLOW ENGINEERING (SI) LTD THE HVAC SHOP  
UNIT 2, 3 LANGSTONE LANE, NORTHCOTE, CHRISTCHURCH  
PHONE +64 3 365 6278 EMAIL SALES@THEHVACSHOP.CO.NZ  
WWW.THEHVACSHOP.CO.NZ