IRF 150 T

INLINE MIXED FLOW REVERSIBLE FAN
WITH BUILT-IN TIMER
for air Exhaust and Supply

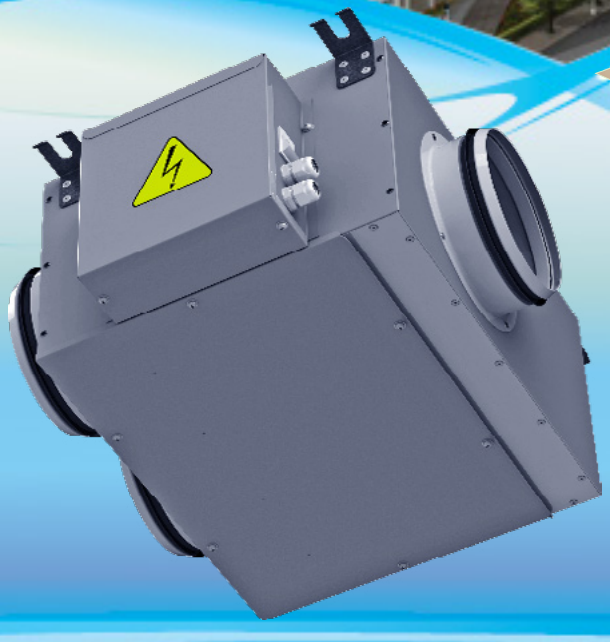
Premium 3 Quality WARRANTY years

COMPLEX PROBLEMS
ONE SIMPLE SOLUTION

MIXED FLOW REVERSIBLE FAN WITH BUILT-IN TIMER

SOLUTION FOR RESIDENTIAL VENTILATION

ENERGY STAR



fartf
fresh air reversible & transfer fans

WWW.FARTF.COM

INTERTEK ETL LISTED C US

HVI MEMBER

2100 HVI CERTIFIED

IRF 150 T FAN is designed to handle your FRESH AIR and BATHROOM EXHAUST needs

Why FARTF IRF 150 T ?

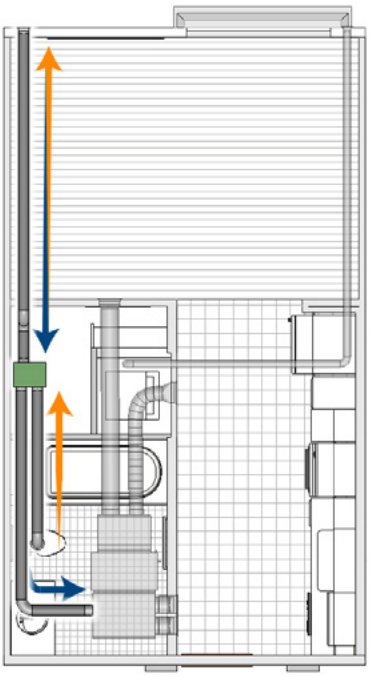
- One fan providing ventilation for bathrooms, kitchen (when applicable), and ASHRAE fresh air requirements.
- One duct replacing the bathrooms, kitchen (when applicable) and outside air ducts.
- Penetrations to the exterior for bathrooms, kitchen (when applicable) & OSA will be reduced to only one.
- The amount of Drop ceilings will be reduced due to eliminating ducts.
- The amount of Lined joist bays will be reduced due to eliminating ducts.
- Eliminates clearance requirements between outside air and bathrooms/kitchen (low rise).
- Three-year warranty from time of installation.

ENERGY EFFICIENT
INLINE REVERSIBLE FAN WITH BUILT-IN TIMER

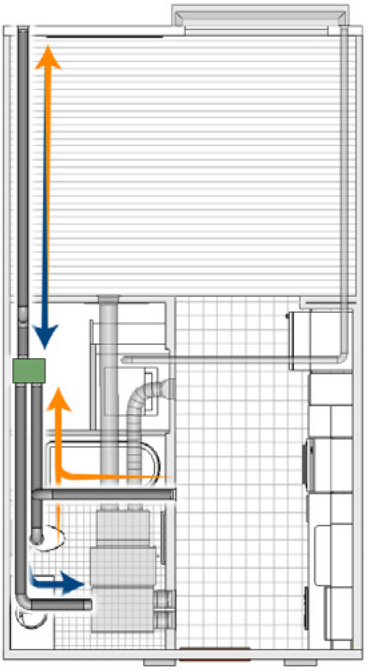
BENEFITS

- HIGH PERFORMANCE: **up to 204 CFM**
- ENERGY EFFICIENT: **37.7 W**
- DUCT COMPATIBILITY: **Ø 6”**
- ONE FAN FOR SUPPLY AND EXHAUST NEEDS
- ONE DUCT TO DISCHARGE AND SUPPLY
- MOTOR WITH THERMAL OVERLOAD PROTECTION
- LONG-LIFE BALL BEARING (up to 40 000 hours)
- BUILT IN AUTOMATIC CONTROL BOARD
- BUILT-IN CYCLIC TIMER (FROM 0 TO 60 MIN)
- LED ALARM INDICATION WITH AUDIO SIGNAL
- BUILT-IN SERVICE DOOR FOR EASY MAINTENANCE
- COMPACT SIZE FOR LIMITED SPACES
- VIBRATION FREE OPERATION
- CORROSION FREE
- EASY INSTALLATION
- ETL / HVI / ENERGY STAR LISTED

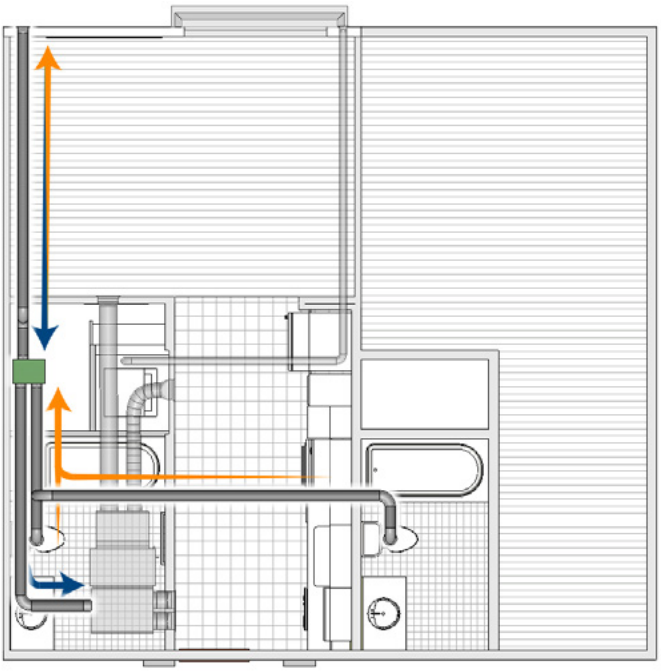
APPLICATION EXAMPLE



RESIDENTIAL UNIT
1 BATH



RESIDENTIAL UNIT
1 BATH + KITCHEN



RESIDENTIAL UNIT
2 BATH

INNOVATIVE DESIGN

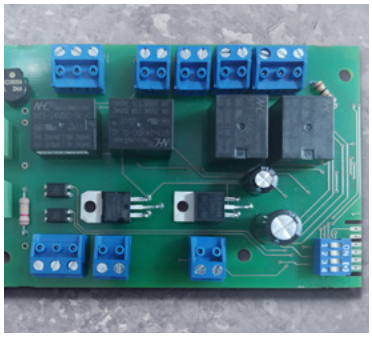
UNIQUE CONSTRUCTION

The combination of supply and exhaust, along with a low profile housing, makes this fan suitable for low ceilings and tight spaces.

NEWLY DESIGNED IMPELLERS

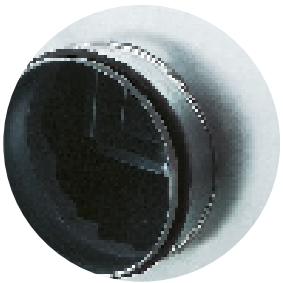
Specifically designed impellers provide a powerful, yet smooth and quiet airflow.

BUILT-IN CONTROLLER



Integrated controller provides automatic switching between supply and exhaust modes in accordance with code requirements. DIP switch of cyclic timer is located on the control board.

ATTENTION TO DETAILS



Collars with a rubber sealant prevent air leakage and pressure loss.

EASY TO INSTALL

The fan casing is equipped with mounting brackets for easy installation.

EASY TO CLEAN

The fan is equipped with a service door and removable ventilator block for easy maintenance.

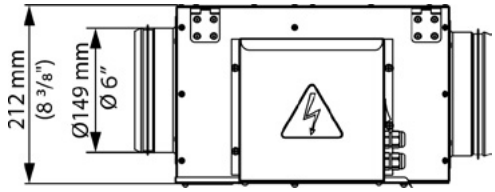
TYPICAL 2 BEDROOM UNIT PLAN CONVENTIONAL DESIGN V. FARTF IRF-150 (HIGH RISE)

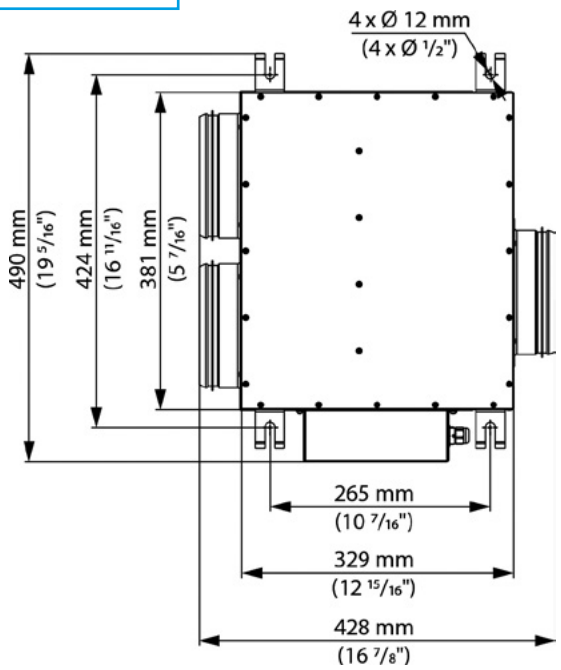
Components	Using FARTF Fan	Conventional
Fartf Fan IRF-150	1	0
Outside Air Fan	0	1
Bathroom Fan #1	0	1
Bathroom Fan #2	0	1
Penetrations to the Exterior	1	3
Clearance from Bathroom Exhaust and OSA	0	10’ apart
Drop Ceiling/Lining Joist Bay	40% less**	40% more**

** Approximate numbers as each case could vary.

IRF-150 PRODUCT SHEET

Dimensions



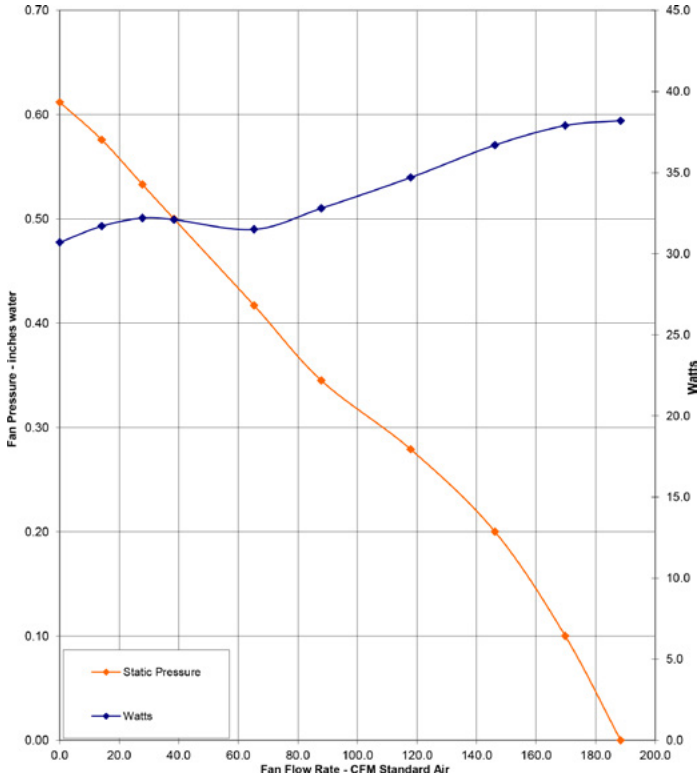


Performance

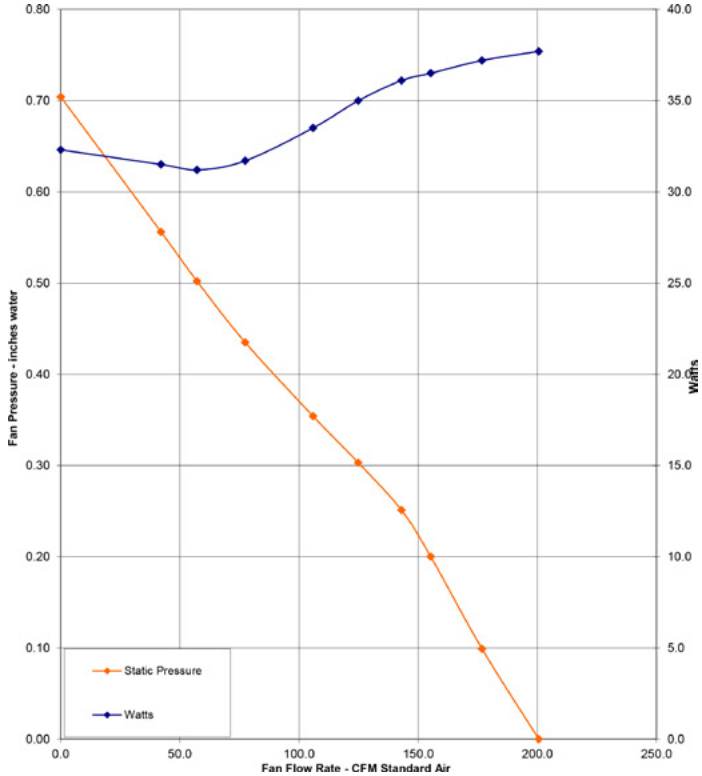
Model	Energy Star	Mode	RPM*	Duct dia	Watts*	Amps*	CFM vs. Static Pressure (Ps) in WG					Max. Ps	Volts / Hz
							0”	0.1”	0.2”	0.35”	0.5”		
IRF-150	V	exhaust	2351	6”	37,1	0,32	194	175	150	87	47	0,62	120 / 60
		supply	2371		37,7	0,34	204	183	160	120	70	0,7	

* The parameters RPM, Watts, Amps are indicated at 0.2 in WG static pressure.

Exhaust



Supply



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