

TRV

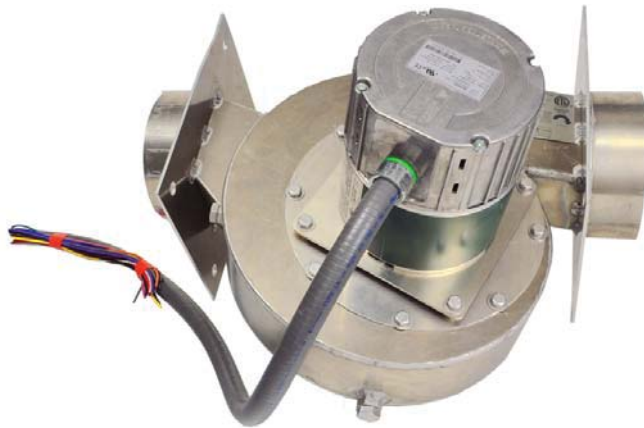
Draft Inducer

REV. A140129



US DRAFT CO.

A division of R.M. Manifold Group, Inc.



Applications

Special gas vents serving Category I, II, III, & IV appliances • Pressure rated chimneys and L Vents serving Building Heating Appliances burning gas or liquid fuel

Performance

Capacities range up to 5,400CFM and up to 6"W.C. of static pressure

Listings and Ratings

UL 378, Standard for Draft Equipment • UL 705, Standard for Power Ventilators • Listed up to 575°F for Continuous Operation • Rated up to 750°F for Intermittent Operation

Warranty

Two year mechanical warranty



Intertek

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Description

Model TRV mechanical draft fan is ETL listed for all types of gas utilization equipment • suitable for indoor use • Designed for vertical or horizontal installation • Provides a negative pressure in the manifold or gas vent system upstream of the inducer to ensure safe appliance operation • Drain holes to prevent condensate accumulation are located around the unit • Direct drive motor for quiet, belt-free operation

Construction

The housing and dynamically balanced forward curved (FC), backward inclined (BI) or backward curved (BC) impeller are available in 5052 Aluminum or 316L SS • Truline™ advanced design construction

Motor

Electronically commutated (E) 120/240VAC, 1φ totally enclosed air over (TEAO) • Inverter Duty 208 or 480VAC 3φ permanent magnet (P) totally enclosed non-ventilated (TENV) • Inverter Duty 208 or 480VAC 3φ induction (I) totally enclosed fan cooled (TEFC)

Standard Equipment

- Three foot flexible conduit
- Motor isolation plate
- Integrated inlet ring
- 1/2" NTP threaded drains

Ordering Matrix

T9FXX-AA

XX = SIZE 4, 8, 15, 25, 50

AA = MATERIAL AL (Aluminum), S6 (316L Stainless Steel)

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Project Name:

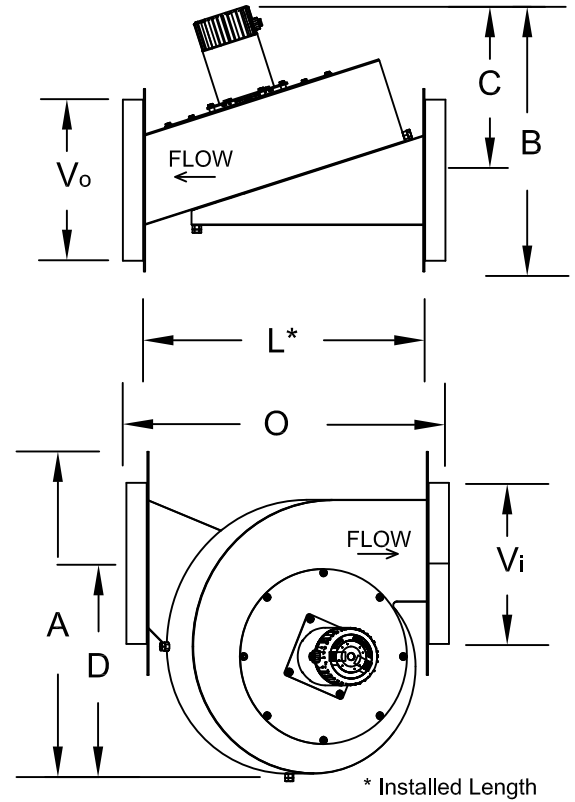
Location:

Engineer:

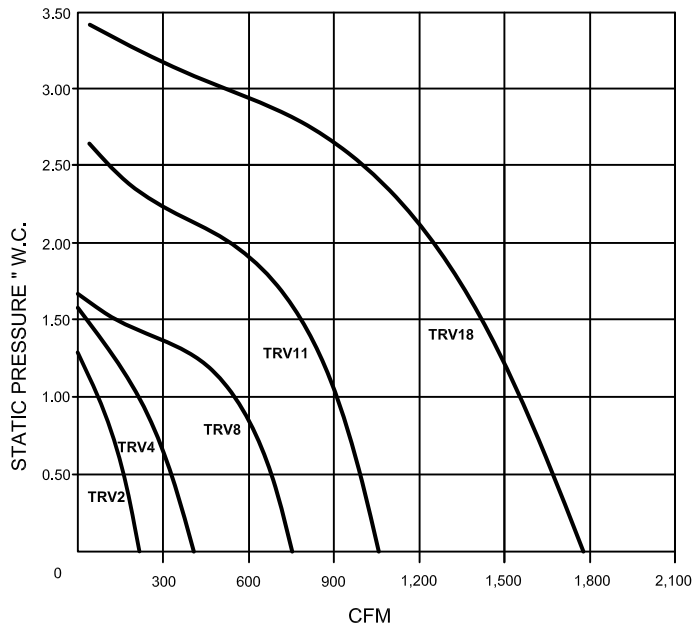
Contractor:

Dimensional Information

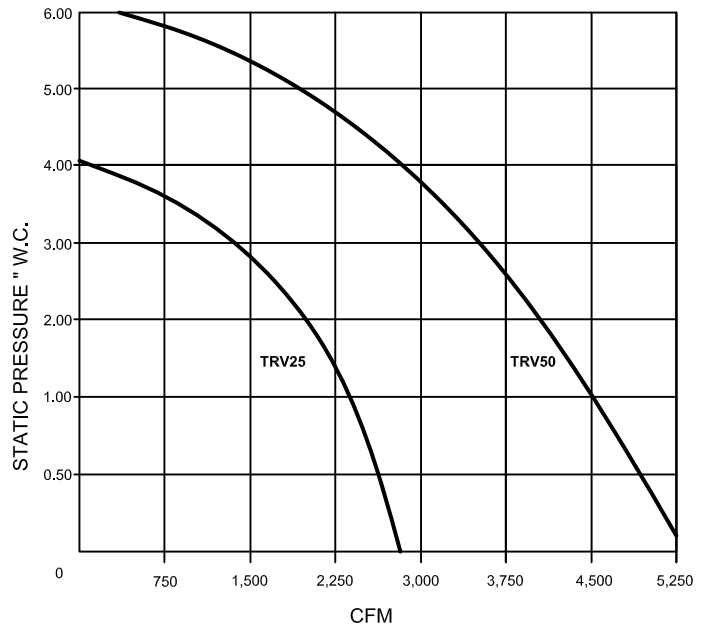
Model	TRV2	TRV4	TRV8	TRV11	TRV18	TRV25	TRV50
A	15 7/8"	19"	21"	21"	31 5/8"	31 5/8"	46"
B	14 7/8"	17 3/4"	22 5/8"	22 5/8"	26"	26"	49 1/4"
C	10 7/8"	11 3/4"	14 5/8"	14 5/8"	17"	17"	39"
D	5"	6"	12"	12"	20 7/8"	20 7/8"	33 7/8"
L	15 3/8"	16 1/2"	18 3/8"	18 3/8"	27 7/8"	27 7/8"	64 1/8"
O	19 3/8"	20 1/2"	22 3/8"	22 3/8"	31 7/8"	31 7/8"	68 1/8"
Vi	5 7/8"	7 7/8"	9 7/8"	11 7/8"	15 7/8"	15 7/8"	19 7/8"
Vo	5 7/8"	7 7/8"	9 7/8"	11 7/8"	15 7/8"	15 7/8"	19 7/8"
WEIGHT _{AL}	25 Lb.	25 Lb.	30 Lb.	30 Lb.	45 Lb.	68 Lb.	155 Lb.
WEIGHT _S	35 Lb.	35 Lb.	50 Lb.	50 Lb.	65 Lb.	88 Lb.	175 Lb.
VOLTAGE	120	120	120	208-230	230/208/480	208/480	208/480
AMPS.	3.3	3.3	6.8	6.8	6.8/3.2/1.6	9.77/4.89	13.0/6.5
HP	1/4	1/4	1/2	3/4	3/4-1	3	5
PHASE	1	1	1	1	1/3/3	3	3
RPM	1800	1800	1450	1800	1800	2950	1800
IMPELLER	FC	FC	FC	FC	BI	BI	BC
MOTOR	E	E	E	E	E/I	P	I



Performance Chart TRV2-18



Performance Chart TRV25-50



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