



**US DRAFT CO.**

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

**TRV**

**Draft Inducer**



### **Application**

Special gas vent serving Category I, II, III & IV  
Pressure rated chimneys and L vents serving  
Building Heat Appliances burning gas or liquid fuel

### **Performance**

Maximum capacity up to 2,600 CFM and up to 3.5"  
w.c. of static pressure

### **Listings and Ratings**

UL378, Standard for Draft Equipment  
UL705, Standard for Power Ventilators  
Listed up to 575°F for continuous operation  
Listed up to 750°F for intermittent operation

### **Warranty**

Two year mechanical warranty

### **Ordering Matrix**

TRVXX-AA

XX = size - 2, 4, 8, 11, 18, 25

AA = material - AL (aluminum), S6 (316L SS)

### **Description**

Model TRV mechanical draft fan is ETL listed for all types of gas heating appliances  
Designed for vertical or horizontal installation  
Suitable for indoor or outdoor use  
Provides negative pressure in the manifold or gas vent system upstream of the inducer to ensure safe appliance operation  
Drain holes 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) impeller can be constructed in 5052 Aluminum or 316L stainless steel

### **Motor**

Electronically commutated 120/208-230VAC, 1Ø totally enclosed air over (TEAO)  
Inverter duty 208 or 480VAC 3Ø, NEMA Premium induction, totally enclosed fan cooled (TEFC)

### **Standard Equipment**

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

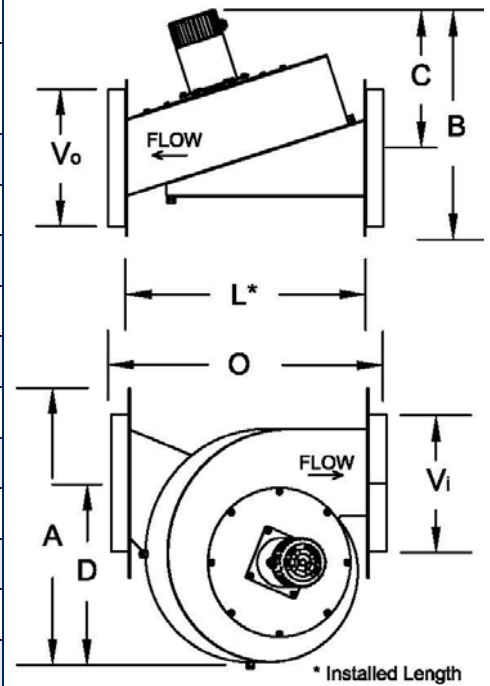
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## **US Draft Co**

A Division of RM Manifold Group, Inc  
220 S. Sylvania Avenue, Suite 207  
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Dimension Information							
Model	TRV2	TRV4	TRV8	TRV11	TRV18-EC	TRV18-ID	TRV25
A	15-7/8"	19"	21"	21"	31-5/8"	31-5/8"	31-5/8"
B	14-7/8"	17-3/4"	22-5/8"	23-5/8"	26"	26"	26"
C	10-7/8"	11-3/4"	14-5/8"	14-5/8"	17"	17"	17"
D	5"	6"	12"	12"	20-7/8"	20-7/8"	20-7/8"
L	15-3/8"	16-1/2"	18-3/8"	18-3/8"	27-7/8"	27-7/8"	27-7/8"
O	19-3/8"	20-1/2"	22-3/8"	22-3/8"	31-7/8"	31-7/8"	31-7/8"
Vi	5-7/8"	7-7/8"	9-7/8"	11-7/8"	15-7/8"	15-7/8"	15-7/8"
Vo	5-7/8"	7-7/8"	9-7/8"	11-7/8"	15-7/8"	15-7/8"	15-7/8"
Weight <sub>AL</sub>	25 lbs	25 lbs	30 lbs	35 lbs	45 lbs	60 lbs	60 lbs
Weight <sub>SS</sub>	35 lbs	35 lbs	50 lbs	60 lbs	85 lbs	95 lbs	95 lbs
Voltage	120	120	120	208-230	208-230	208/480	208/480
Amps	8.1	8.1	8.1	6.7	6.7	3.2/1.6	8.6/4.3
HP	1/2	1/2	1/2	3/4	3/4	1	3
Phase	1	1	1	1	1	3	3
RPM	1800	1800	1450	1800	1800	1800	2600
Impeller	FC	FC	FC	FC	BI	BI	BI
Motor	EC	EC	EC	EC	EC	ID	ID



Capacity				
SP	TRV2	TRV4	TRV8	TRV11
0	200	445	900	1050
0.25	185	405	845	1015
0.50	162	362	765	970
0.75	130	310	670	930
1.00	80	240	560	870
1.25	N/A	110	410	820
1.5	N/A	N/A	N/A	750
1.75	N/A	N/A	N/A	670
2.00	N/A	N/A	N/A	560

Capacity		
SP	TRV18	TRV25
0	1760	2675
0.50	1650	2540
1.00	1530	2375
1.50	1390	2200
2.00	1220	2000
2.50	1010	1775
3.00	635	1475
3.50	N/A	950
4.00	N/A	N/A

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236TRV2-25  
 Rev 0816