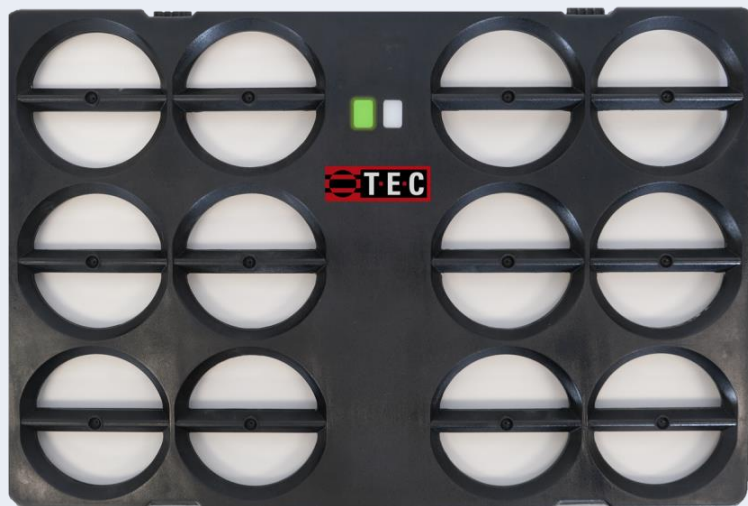




HVAC AIR FLOW



DIGITAL TRUEFLOW[®]

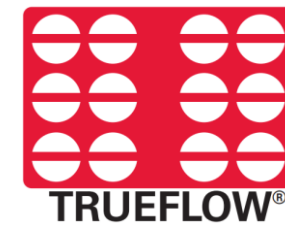
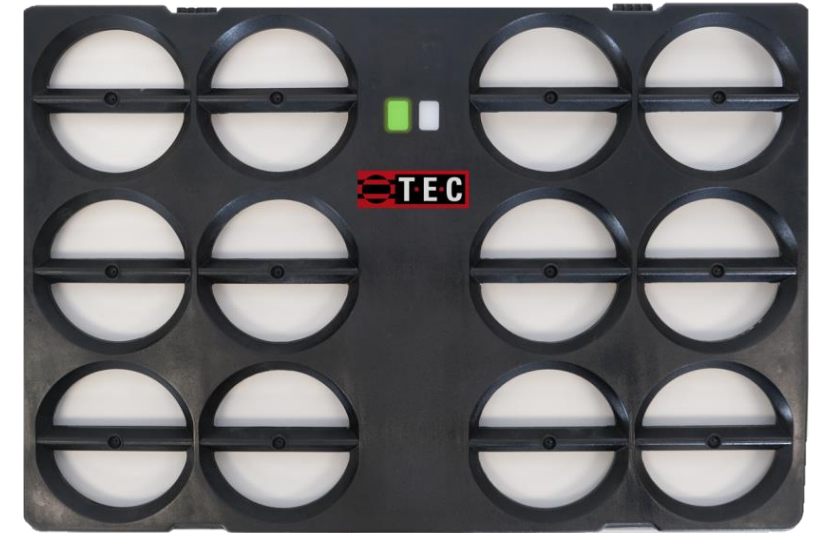




Coming in April 2021

- Measure and evaluate air system flow and pressure with confidence
- Follow step-by-step process to complete analysis via free TrueFlow® App
- Collects all data from Digital TrueFlow grid and DG-8 via Bluetooth
- Customer-friendly reports to help you explain system diagnosis

Price for TrueFlow Solution = \$1344



T-E-C		Tech Info		Company Info	
TrueFlow HVAC Air Flow	Date Tested: 12/28/2020	Name: T-E-C	Credentials: Engineering	email: krogers@energyconservatory.com	
Title/ID: T-E-C	Name: Steven Rogers	Phone: 612-827-1117			
Air Measurements		System & Conditions			
Total Air Flow = 877.5 CFM		System Type: Furnace			
Return Duct Pressure = -0.088 inH2O		Orientation: Up flow			
After Filter Pressure = -0.241 in H2O		Cooling Capacity: 2.5 Tons			
Before Evap Coil Pressure = 0.344 inH2O		Filter Location: Slot			
Supply Duct Pressure = 0.278 inH2O		Cooling Climate Type: Humid			
		Elevation: 620 ft			
Performance Calculations and Summary					
Summary of Warnings See Warning Suggested Actions Section Low Flow; High Return Pressure The air flow is low, and the pressure in the return indicates it may be restricting flow. <ul style="list-style-type: none">• Return ducts may be blocked. Inspect for blockage.• Return ducts may be undersized. Consider adding or enlarging return ducts.					
Customer		Measurement Equipment			
H. Vac Excellence		Flow: TEC Digital TrueFlow®			
1111 11 th Ave		Serial: TF12345			
Minneapolis, MN 55407		Calibrated: 12/25/2020			
hvac@energyconservatory.com		Pressure: TEC DG-8			
555-555-5555		Serial: DG8-12345			
		Calibrated: 12/25/2020			

TrueFlow Equipment Options & Considerations

DIGITAL TRUEFLOW® GRID \$795



DIGITAL TRUEFLOW® SOLUTION \$1344



Good Option if you Own a TEC DG-1000 Blower Door Pressure & Flow Gauge

Diagnose Air-side Pressures and Flows using Digital TrueFlow - at nearly half the legacy price!

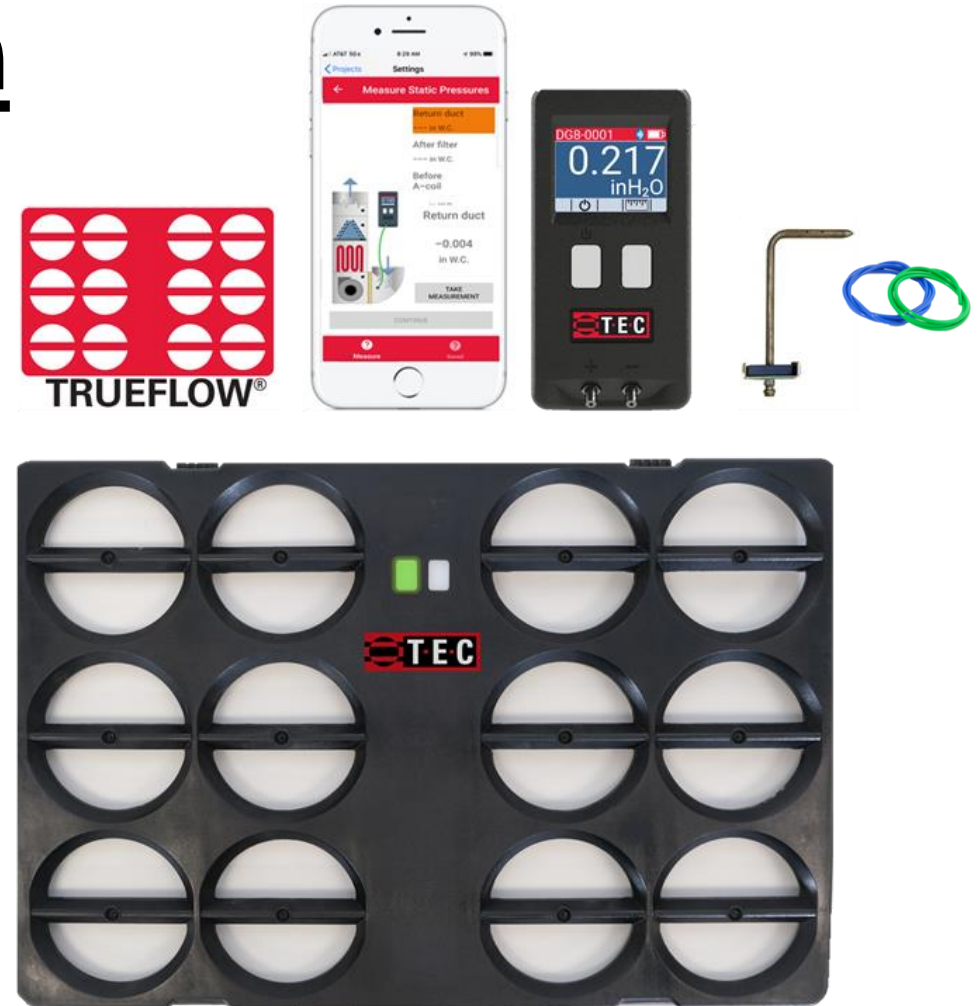


Digital TrueFlow[®] Solution

Price is \$1344

Comes with:

- Digital TrueFlow Grid
- 4 Adapters (Option to buy additional)
- DG-8 Micromanometer
- Static Pressure Probe & Tubing
- TrueFlow App (iOS & Android)
- Carrying Case



Diagnose with Air-side Pressures and Flows using Digital TrueFlow - at nearly half the legacy price!



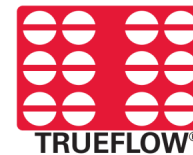
Digital TrueFlow: Improved Solution, Reduced Price!

LEGACY TRUEFLOW® SOLUTION \$2490



Accurate flow measurement.
Requires DG-1000, requires tubing connection, no dedicated App, no air-side analysis & diagnosis

DIGITAL TRUEFLOW® SOLUTION \$1344



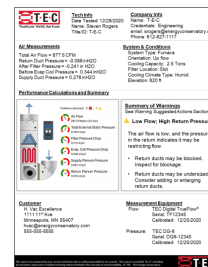
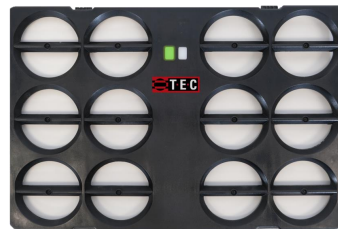
TEC	
Technician Date Tested: 12/28/2020 Name: Steven Rogers Title: T-E-C	Company Info Name: T-E-C Credential: Engineering Email: www@genetec.com Phone: 855-823-1117
Air Measurements Total Air Flow = 877.0 CFM Return-Cool Pressure = -0.08 inH2O After Filter Pressure = 0.24 inH2O Before Dry Coil Pressure = 0.34 inH2O Supply-Cool Pressure = 0.20 inH2O	System & Conditions System Type: Furnace Orientation: Up-Fire Cooling Capacity: 2.5 Tons Filter Location: 5th Cooling Coils: Type: Humid Elevation: 820 ft
Performance Calculations and Summary Efficiency: 1.0 Flow: 877.0 CFM Return-Cool Pressure: -0.08 inH2O After Filter Pressure: 0.24 inH2O Before Dry Coil Pressure: 0.34 inH2O Supply-Cool Pressure: 0.20 inH2O	Summary of Warnings See Warning Suggested Action Section Low Flow, High Return Pressure The air flow is low, and the pressure in the return indicates it may be restricting flow. Return ducts may be blocked. Inspect for leakage. Return ducts may be undersized. Consider adding or enlarging return ducts.
Customer In: Vic Excellence 1111 17th Ave Boulder, CO 80501 www@genetec.com 855-823-1117	Measurement Equipment Flow: TEC Digital TrueFlow® Cable: 17' 2545 Calibrated: 12/28/2020 Pressure: TEC DCS-6 Cable: DCS-12345 Calibrated: 12/28/2020



Diagnose Air system, Bluetooth connect with dedicated app – at nearly half the price!

TrueFlow[®] Solution Offering Comparison

Measurements	Legacy TrueFlow Solution	New Digital TrueFlow Solution	Notes
Price	\$2490	\$1344	46% lower price
Grid & filter adapters	✓	✓	Comes w/4 adapters, option for more
Air handler flow calculation	✓	✓	Free App calculates flow
Built-in grid flow sensor		✓	Flow sensor built into new TrueFlow grid
Bluetooth		✓	Grid & DG-8 Bluetooth Connect to TrueFlow App
Air System Pressures Return, Air-handler Entrance, Air-handler Exit, Supply, External Static Pressure		✓	Combine flow & pressure to diagnose & justify best solution
Air-side Diagnosis App Consistent process, gather readings, diagnose performance, provide report		✓	On roadmap to work with measureQuick



Digital TrueFlow[®] Grid

Price is \$795

Comes with:

- Digital TrueFlow Grid
- 4 Adapters (Option to buy additional)
- Static Pressure Probe & Tubing
- TrueFlow App (iOS & Android)
- Carrying Case

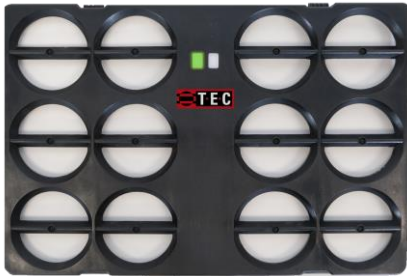
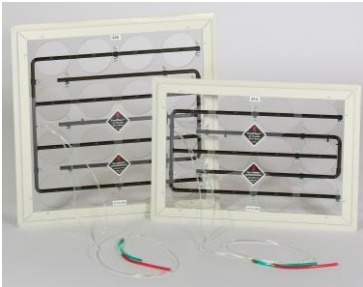


Measure System Air Flow using Digital TrueFlow




TrueFlow[®] Grid Offering Comparison



Measurements	Legacy TrueFlow Grid	New Digital TrueFlow Grid	Notes
Price	\$895	\$795	\$100 Less!
Grid & filter adapters	✓	✓	Comes w/4 adapters, option for more
Air handler flow calculation		✓	Free App calculates flow
Built-in flow sensor		✓	Flow sensor built into new TrueFlow grid
Bluetooth		✓	TrueFlow Grid Bluetooth connects to App



Digital TrueFlow[®] Grid


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Digital TrueFlow Kit

Be the first to review this product

\$1,344.00 IN STOCK
SKU#: TF2KIT


TrueFlow Adapter Sizes

Select (4) with purchase of kit at No Charge
Each additional is \$79

- 14 x 20
- 16 x 20
- 16 x 25
- 18 x 20
- 20 x 20
- 20 x 24
- 20 x 25
- 20 x 30
- 24 x 24
- Universal

Qty

Add to Cart



TEC Tech Staff Sales Team 12/28/2020 Name: David Rogers Title: T.E.C.	Comments: Name: T.E.C. Comments: Engineering Email: tyc@energyconservatory.com Phone: 608-228-1248
All Measurements: Flow Air Flow = 4.17 CFM Return Duct Pressure = 0.208 inH2O After Filter Pressure = 0.317 inH2O Supply Duct Pressure = 0.304 inH2O Supply Duct Pressure = 0.278 inH2O	System & Conditions: System Type: Furnace Condition: No Load Coiling Capacity: 2.5 Tons Filter Location: Coil Coiling Control Type: Manual Blower: B25
Performance Calculations and Summary: Measurement: 4.17 CFM Flow: 4.17 CFM Return Duct Pressure: 0.208 inH2O After Filter Pressure: 0.317 inH2O Supply Duct Pressure: 0.304 inH2O Supply Duct Pressure: 0.278 inH2O	Summary of Attention: See Warning Equipment Access Section Low Flow, High Return Pressure The air flow is low, and the pressure in the return indicated it may be restricting flow. • Return ducts may be blocked. Inspect for blockage. • Return ducts may be undersized. Consider adding or enlarging return ducts.
Customer: In The Conservatory 1111 17th Ave. Madison, WI 53707 Web: www.energyconservatory.com 855-555-5555	Measurement Equipment: Flow: TEC Digital TrueFlow [®] Serial: TF1245 Pressure: TEC D24 Serial: D24-1248 Cell: TEC 12/28/2020

- Kit comes with (4) Adapters
- “Universal” option (cut to fit)
- Can purchase additional adapters



TRUEFLOW® is Effective in Filter Grilles and Filter Slots

- Every TrueFlow Grid comes with 4 adapter plates
 - Select based on filter sizes you expect to work on

Select Four TrueFlow Adapters based on Filter Size

14 x 20	16 x 20	16 x 25	18 x 20
20 x 20	20 x 24	20 x 25	20 x 30
24 x 24	Universal		

- Not sure what sizes you need?
 - Option for universal adapter, 25" x 25" cut-to-fit plate
 - Option to purchase more at \$79 each





HVAC AIR FLOW



HAVE QUESTIONS?

CONTACT US AT:

BGRABER@ENERGYCONSERVATORY.COM

612-827-1117

