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First in Quality, First in Service.

# STOCK BOOK



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UNIVERSAL FAN & BLOWER LTD.















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Honeywell Analytics www.honeywellanalytics.com

Ouellet Electric Heating www.oullet.com

SkyBlade Fan Company www.skybladefans.com

Universal Fan & Blower Ltd. www.universalfan.com

The VMC Group www.thevmcgroup.com

Delhi www.delhiindustries.com

Broan/NuTone www.broan-nutone.com

Krantz www.krantz.de/en

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Unisorb Canada www.unisorb.ca

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nu-air



Nederman





Vulcan







AIRCONCEPTS





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Flow Sciences www.flowsciences.com

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Fantech www.fantech.net

Air Louvers Inc. www.activarcpg.com/air-louvers

InfraSave by Schwank www.infrasave.com

Air Concepts Inc. www.airconceptsinc.com

Flanders www.flanderscorp.com

Hays Fluid Control www.haysfluidcontrols.com

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### 90% Efficient Furnace •••••••

- 409 stainless steel convoluted tube furnace
- Up to 18 to 1 turndown
- Operates down to -40°F ambient
- ETL certified for Canada and USA

### Fans •••••

- High efficiency forward curved DWDI fans
- Greasable pillow block bearings
- Adjustable motor mount base
- Fan skid mounted on RIS isolators, spring isolation optional

### Filters ••••••

- 2 inch filter rack
- MERV 8, hi-temp and washable media filters available

### Dampers .....

- Triple-vee roll formed galvanized steel blades
- Optional low leak aluminum airfoil or insulated airfoil dampers

### 100% Outdoor Air Hood •

- 18 gauge painted galvanized steel
- Half inch expanded metal bird screen
- Motorized two position damper
- Optional mixing box shown

### PMI-IF series (pictured above)

### COMMERCIAL GAS FIRED MAKE-UP AIR UNITS

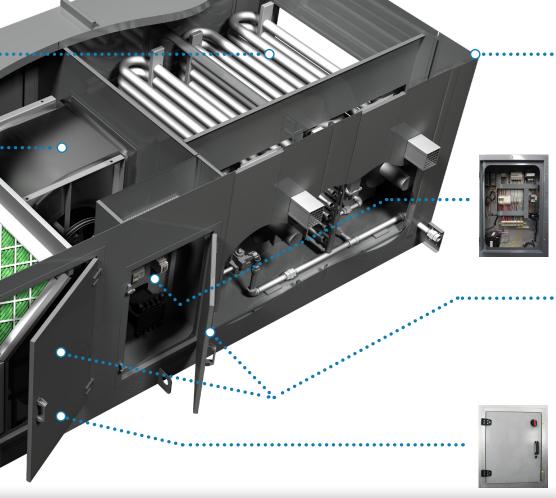
### PRICE MECHANICAL focuses on providing HVAC products and services to the commercial and industrial sectors

С

Industrial silencers, gas filtration units, gas fired make-up air units and air handling units are used throughout the petrochemical, mining and pulp and paper industries, just to name a few.

The rigorous demands of these industrial applications form the backbone of the Commercial Gas Fired Make-Up Air Series of products. Contractors, engineers and building owners are challenged daily with HVAC construction, design and performance – both in new and retrofit applications. Designers must meet stringent requirements regarding energy efficiency, indoor air quality (IAQ) standards, and life cycle cost. To meet these challenges, Price has developed the PMI-IF, AW-I, and AW-D series of gas fired make-up air units.





### Cabinet

- 18 gauge painted galvanized steel
- Panel seams are turned inward for clean appearance
- 1 inch 1½ lb. density glass fiber insulation

### Controls

unit standalone Can be integrated into building

Digital controls operate

automation system
Operator controls are straightforward to use and allow discharge air temperature adjustment

### Doors

- 18 gauge painted galvanized steel double wall doors
- 1 inch, 1½ lb. density glass fiber insulation
- No tools required to gain access
- Doors supplied for fan, filter, and gas manifold controls sections

### Disconnect

- Through-the-door disconnect for safety
- Single point power connection



### **PMI-IF SERIES**

The PMI-IF series is an indirect fired unit that utilizes a high efficiency stainless steel convoluted tube heat exchanger. By separating combustion air from the supply air, the unit is able to maintain excellent indoor air quality (IAQ). These units can be used in schools, offices, and institutional projects – anywhere that IAQ is paramount. The convoluted tube furnace is one of the most cost effective indirect fired designs.



### **AW-I SERIES**

For demanding indirect fired applications, Price offers the AW-I series with a three pass stainless steel drum and tube heat exchanger. The robust heat exchanger was designed by the Price industrial division, where reliability is always paramount.



### **AW-D SERIES**

For applications requiring a large volume of 100% outdoor air, the AW-D series offers a direct-fired alternative. The unit incorporates a high efficiency burner, which is capable of a high turndown ratio, maximizing discharge air temperature control with minimal combustion by-products.

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price° 5	20 GRILLES	price: ;	530 GRILLES	price.	80 GRILLES	price: {	BO GRILLES
Double Deflect	/S/A/B12 ction Louvered s c/w Damper	Single Defl	F/L/A/B12 ection Louvered ırn Grilles	Egg Crate Fa	A/B12 ce Return Grilles Mount Border	Egg Crate Fac	/0/B12 e Return Grille ount Border
Stocked in O	ttawa branch	Stocked in	Ottawa branch	Stocked in	Ottawa branch	Stocked in C	ttawa branch
6 x 6	12 x 6	6 x 6	12 x 8	6 x 6	12 x 12	24 x 12	
8 x 6	12 x 8	8 x 8	12 x 12	8 x 8	24 x 12	Stocked in T	oronto branch
8 x 8	12 x 12	10 x 6	24 x 8	10 x 10	24 x 18	12 x 12	20 x 20
10 x 4	14 x 6	10 x 10	24 x 12	12 x 6	24 x 24	20 x 12	24 x 24
10 x 6	14 x 8	12 x 6		Stocked in a	another branch		
10 x 8	16 x 8	Stocked in	another branch	8 x 4	16 x 8		
12 x 4		6 x 4	16 x 16	8 x 6	16 x 16		
Stocked in a	nother branch	8 x 4	18 x 6	10 x 4	18 x 8		
6 x 4	20 x 4	10 x 4	18 x 8	10 x 6	18 x 10		
8 x 4	20 x 6	10 x 8	18 x 12	10 x 8	18 x 12		
10 x 10	20 x 10	12 x 4	18 x 18	12 x 4	20 x 10	80.00	RE/B12
12 x 10	24 x 4	12 x 10	20 x 10	12 x 8	20 x 12		Aluminum
14 x 4	24 x 6	14 x 4	24 x 6	12 x 10	20 x 20	Egg	Crates
14 x 8	24 x 8	14 x 6	24 x 16	14 x 10	24 x 6	Stocked in C	Ottawa branch
14 x 10	24 x 10	14 x 8	24 x 18	14 x 14	24 x 18	24 x 24	48 x 24
16 x 6	24 x 18	14 x 10	24 x 24	16 x 6	48 x 24	Stocked in T	oronto branch
16 x 8	24 x 24	14 x 14	30 x 8		·	20 x 10	24 x 12
16 x 10	30 x 6	16 x 6	30 x 18			20 x 20	60 x 30
16 x 16	30 x 8	16 x 8	36 x 18			24 x 6	
18 x 4	30 x 10	16 x 12	36 x 24	AR 1	900A		1
18 x 6	30 x 12				900A DOOR GRILLES		
18 x 10	36 x 12	price <sup>,</sup>	STG1 DOOR			price° fl	
18 x 12	36 x 18		GRILLES	-	-		
	·			-			
PLICE. V	LUMINUM Oor grille		*				
	,			10	900A		
					oor Grilles, Grey		
		STG	1/BF/B15		on Both Sides	I BPH/154	V1000/B66
2			fer / Door Grilles	Stocked in	Ottawa branch		inear Bar Floc
	BF/B15	w/ Border	on Both Sides	24 x 12			/ 1" Flange,
	sfer / Door Grille	Stocked in	Ottawa branch	Stocked in	Toronto branch		lade Damper,
w/ Border o	n Both Sides	24 x 12		12 x 6	18 x 12	No Screw Holes & Brushed Aluminum Finish	
Stocked in To	oronto branch	Stocked in	Montreal branch	12 x 12	20 x 16		Ottawa branch
Inquire	for sizes	12 x 6	18 x 12	14 x 8	24 x 18	10 x 4	
		12 x 12	24 x 18	16 × 10	24 × 24		<u> </u>

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12 x 12

24 x 18

16 x 10

24 x 24

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### **Ottawa Stockbook**

price. II	NEARS	Price' Linears	price <sup>®</sup> sm	ND DIFFUSERS	price:	535 GRILLES
T						
TBD 375 <sup>†</sup> Ice Tong Controller Horizontal/Vertical Pattern		TBD 475 <sup>†</sup> Horizontal Pattern 2 Slot - 3/4" slots	Louver	D/B12 red Face al Diffusers	Fixed bl	F/L/A/B12 ades with or lout flap
2 Slot - 3/4	1" slots	Stocked in Montreal branch	Stocked in M	Iontreal branch	Stocked in I	Nontreal branch
Stocked in Otta	awa branch	48" long x 10" inlet	6 x 6	12 x 12	6 x 6	16 x 12
48" long x 1	0" inlet	<sup>†</sup> APF - Aluminum Plaster	9 x 9	15 x 15	8 x 4	16 x 16
<sup>†</sup> APF - Aluminum Pl	laster	Frame Available		-	8 x 6	18 x 8
Frame Availa	able		price: Li(	GHT TROFFER	8 x 8	18 x 10
		11			10 x 4	18 x 12
					10 x 6	18 x 18
					10 x 8	20 x 20
					10 x 10	24 x 6
		//	<i>e</i>		12 x 4	24 x 8
		SDS75		R/	12 x 6	24 x 16
TBD 31	100	Linear Slot Diffuser	LTA		12 x 8	24 x 18
Ice Tong Co	ontroller	Stocked in Toronto branch		Light Troffer	12 x 10	30 x 8
Horizontal/Verti	ical Pattern	Inquire for sizes		oronto branch	12 x 12	30 x 12
1 or 2 slot -	1" slots		Inquire	for sizes	14 x 6	30 x 18
Stocked in Toro	onto branch				14 x 8	36 x 12
1 Slot	2 Slot				14 x 10	36 x 18
48" x 7"inlet 4	48" x 10" inlet				14 x 14	36 x 24
60" x 10" inlet 6	60" x 10" inlet				16 x 8	

### **HVLS** High Volume Low Speed Fans

- Summer cooling
- Winter Stratification
- Heat Recirculation
- High volume, low speed fans
- 12" to 20" diameter



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price <sup>,</sup> so	D DIFFUSERS	blice, sbi	) DIFFUSERS	price:	RCDA & RCDE DIFFUSERS		IFFUSER CCESSORIES	
Square Co	24X24/B12 ne Diffusers x 24	SPD/31/24 Square Plaqu 24 x 24 Full	ie Diffusers -	RCDA/B12 Fully Adjustable Round Cone Diffusers		Butterfly T	R8E ype Volume Dampers	
Stocked in C	Ottawa branch	Stocked in Ot	ttawa branch	Stocked in	Toronto branch	Stocked in C	ttawa branch	
6"	10"	6"	10"	6"	12"	6"	10"	
8"	12"	8"	12"	8"	14"	8"	12"	
Stocked in T	oronto branch	Stocked in an	other branch	10"	16"	Stocked in a	nother branch	
14"	15 "	14"	15"			4"	14"	
000/01/0						5"	15"	
Square Co	20X20/B12 ne Diffusers x 20	SPD/31/20 Square Plaqu 20 x 20 Full	ie Diffusers -		$\odot$		~	
Stocked in C	Ottawa branch	Stocked in O	ttawa branch	DC	DE/B12	E		
6"	10"	6"	10"		Position			
8"		8"		Round C	one Diffusers			
Square Co	12X12/B12 ne Diffusers x 12	SPD/31/12 Square Plaqu 12 x 12 Full	ie Diffusers -	Stocked in 6" 8"	Ottawa branch           10"           12"	10" Square Plaque Diffus 24 x 24 Full Face M		
	A 12 Ottawa branch	Stocked in Of				Stocked in C	ttawa branch	
4"	8"	6"	8"		another branch	6"	8"	
6"	0	0		14"		Stocked in M	ontreal branch	
						5"	12"	
						7"	14"	
		PEPPERTREEA	IR FLEXIBLE DUCT			10"	15"	
Adjustable	24X24/B12 Square Cone			*			//////////////////////////////////////	
Dittusers 24 x	24 T-bar Mount	COMME	RCIAL TF	S	OC-D		-	
	Stocked in Ottawa branch		Aluminum Duct	Commercia	l Spin-On Collar	12 x 12"	Ottawa branch	
6"	10"	Stocked in O	ttawa branch	Stocked in	Ottawa branch		24 X 24	
8"	12"	6"	8"	6"	8"	20 x 20"		
Adjustable 3 Diffusers 12 x	12X12/B12 Square Cone 12 T-bar Mount	10"		10"		X	551	
Stocked in C	Ottawa branch					1		

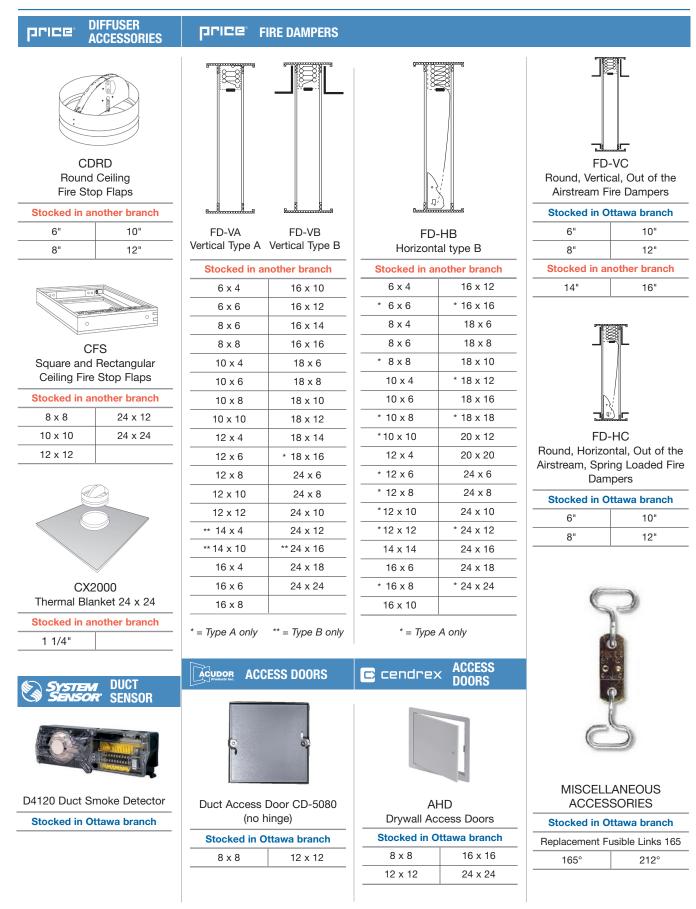
 Stocked in Ottawa branch

 6"
 8"

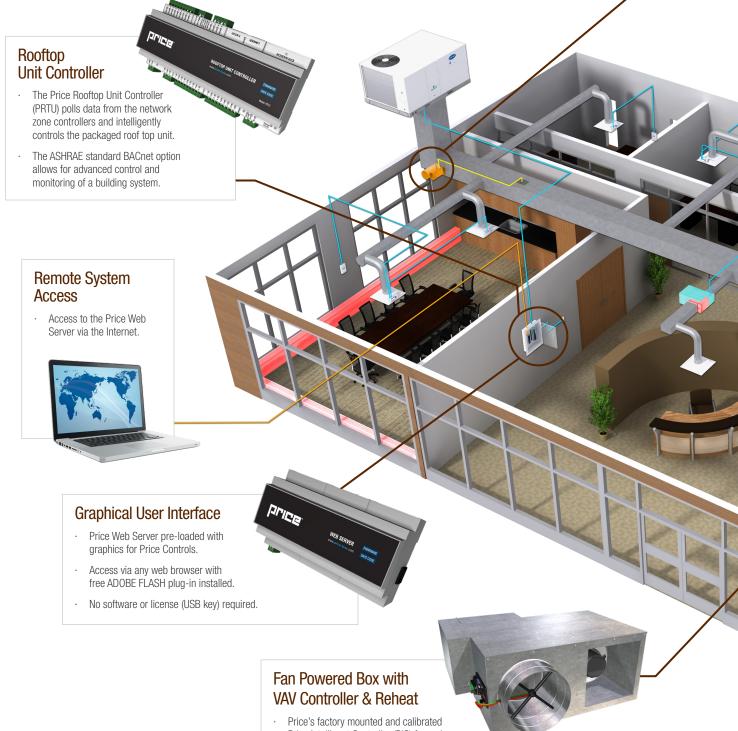
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### **Ottawa Stockbook**



### **PRICE ELECTRONICS GENERAL OFFICE** APPLICATION



- Price Intelligent Controller (PIC) for series and parallel fan power terminal units.
- Fan Powered Terminals allow for the use of local reheat even while the rooftop unit is turned off.

### **Duct Pressure Controller**

- The Price PCV is designed as a pressure control valve to regulate duct pressure in a VAV or VVT system.
- The PCV uses a DDC controller to ensure that over or under pressurization of the duct will not occur.





### VAV Diffuser

- PRODIGY® Smart Diffuser.
- Stand-alone or native BACnet MS/TP.
- Compatible with all Price thermostats.

### Linkersoft2 Software & LCD Setup Thermostat

- Easy to use step-by-step setup and calibration software, dedicated to Price Controls products.
- Connect the LINKER2 USB cable into your service laptop, or Price provided LCD Setup Thermostat, and the RJ12 connection into the room's thermostat or controller service port.





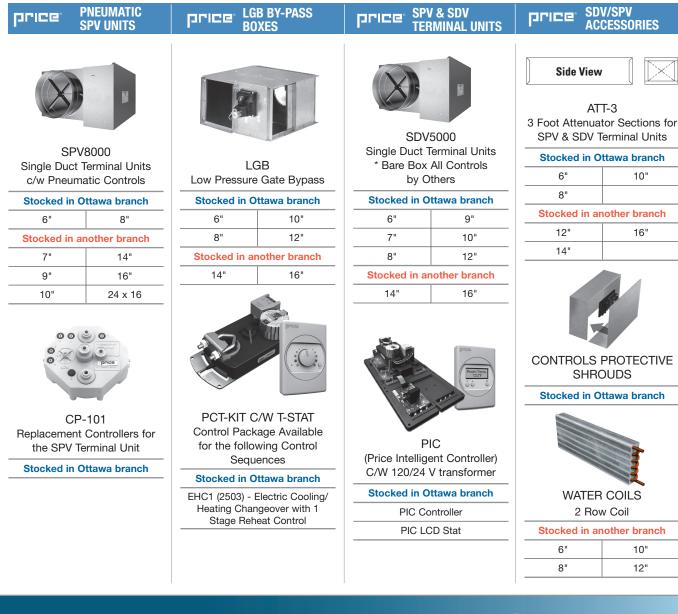
### Single Duct Terminal with Wireless Thermostat

- Wireless thermostat allows for convenient, wire free placement in any room, on any surface.
- Compatible with our factory mounted calibrated Price Intelligent Controller (PIC).



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TMCO

Experience the true meaning of service and quality.

THERMALLY INSULATED DAMPERS

**AIR-FOIL CONTROL DAMPERS** 

**MULTIZONE DAMPERS** 

**BACK DRAFT DAMPERS** 

LOUVERS



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# SMART STARTERS & VFDS

Advanced Across the Line Solutions for HVAC Applications

### **HVAC Specialty Products**

### **Industrial Products**

- Building Automation Starters
- Standard Automation Starters
- Cooling Tower Controls
- Kitchen Hoods Controls
- Pump & HVAC Controls
- Variable Frequency Drives (VFDs)



- Contactors and **Overload Relays**
- Manual Motor Starters
- Circuit Breakers
- Starters
- Soft Starters
- Soft Starters with Integrated Bypass
- Programmable Logic Controllers
- Terminal Blocks
- **Pilot-Devices** \_
- Enclosures



### **BAS-1P – STOCKED IN OTTAWA**

1Ø AC Input 50/60 Hz

М

oltage Inp Auto Run

Dry Input Auto Run

10-130VAC/DC

### **BAS-1P Fan Starters**

- Concealed hand/Auto Mode
- Voltage & Dry inputs for auto run command
- Run status verification via Integrated current sensing
- Disconnect switch with Lock out
- Adjustable overload (1-16A)
- LED Pilot Lights (Power, Run and Fault)
- Disconnect switch (Lockable)
- Manual overload trip reset (Automatic available)
- 10 110V, 1/10 to 1hp; 10 240V, 1/10 to 1hp
- System override mode
- 5 Year warranty





LED pilot lights for ease of use



Adjustable overload (1-16A) eliminates sizing heaters





www.franklin-controls.com

Lock-out disconnect switch

### Vari-Green® Motor

Start saving now - with the low-cost, easy to control, electronically commutated motor that offers high reliability and low maintenance.

The Greenheck Vari-Green Motor blends technology, controlability, and evergy-efficiency into a low maintenance package that is changing the way industry designs, specifies and operates air movement equipment.





www.greenheck.com



### Commercial & Industrial Fans

- · Commercial Fans
- Industrial Process Fans
- · Gravity Ventilators
- Fiberglass Reinforced Plastic (FRP) Fans for resistance to extremely corrosive gases/ environments



### Kitchen Ventilation Systems

- Wall, island proximity and heat, condensate hoods
- Internal and external supply plenums optional
- Standard baffle filter, high velocity cartridge, high efficiency Grease-X-Tractor and dual stage Grease Grabber, filtration.



### Make-Up Air Units & Air Handlers

- Direct and Indirect Gas Fired Make
   Up Air Units
- Indoor Air Handling Units
- Electric heating, hot water, chilled water and DX options



Building Value in Air World Wide

### www.ehpriceottawa.com

### **Ottawa Stockbook**

GREENHECK ACCESSORIES



**CUE SERIES** Greenheck Direct Drive Roof Upblast Centrifugal Exhaust UL762 w/ Vari-Green Motors

Stocked	in	Ottawa	branch	
---------	----	--------	--------	--

	CFM @	0.6" wg	CFM @ 1" wg		CFM @ 1" wg			
Model Number	Min.	Max.	Min.	Max.	HP	Roof Curb		
CUE-161HP-VG	750	2400	1250	2000	3/4	22" x 22"		



**G SERIES** Greenheck Direct Drive Centrifugal Roof Exhaust Fans w/ Vari-Green Motors

Stocked in Ottawa branch										
	CFM @ (	0.25" wg	CFM @	0.5" wg						
Model Number	Min.	Max.	Min.	Max.	HP	Roof Curb				
G-097-VG	75	325	109	297	1/4	19" x 19"				
G-099-VG	225	1150	300	1050	1/4	19" x 19"				
G-123-VG	425	1950	694	1811	1/2	19" x 19"				



GPI ROOF CURBS FOR FLAT ROOFS c/w Galvanized Construction, 1" Insulation, 2" Flashing Flange & 12" High

Stocked in Ottawa branch								
Model Number	Actual Dims							
GPI-17-G18	17" x 17"	15.5" x 15.5"						
GPI-19-G18	19" x 19"	17.5" x 17.5"						
GPI-22-G18	22" x 22"	20.5" x 20.5"						



SE1 SERIES Greenheck Direct Drive Wall Propeller Fans w/ Housing, BDD, Weatherhood, Vari-Green Motors

Stocked in Ottawa branch											
Model Number	CFM @ (	0.125" wg CFM @ 0.25" wg				Mall On anian					
	Min.	Max.	Min.	Max.	HP	Wall Opening					
SE1-8-440-VG	85	380	125	220	1/6	13.25 x 13.25					
SE1-12-432-VG	225	1450	300	1250	1/4	18.25 x 18.25					
SE1-14-440-VG	350	2200	450	2000	1/2	20.25 x 20.25					



SQ SERIES Greenheck Direct Drive Centrifugal Inline Fans w/ Vari-Green Motors

Stocked in Ottawa branch											
Model	CFM @ 0.25" wg		CFM @ 0.5" wg			Dimensions					
Number	Min.	Max.	Min.	Max.	ΗP	Dimensions					
SQ-095VG	200	840	250	600	1/6	15 x 15 x 16" Long					
SQ-100VG	525	1375	600	1200	1/4	17 x 17 x 21" Long					



WD-100 Galvanized Backdraft Dampers Horizontal Mount

WD-330 Galvanized Backdraft Dampers Vertical Mount Flangeless

#### Stocked in Ottawa branch

12 x 12 Fits G-097, 99 & 123

115V Actuator Conversion kits available

#### Stocked in Ottawa branch

12 x 12 Fits SQ-95-VG

14 x 14 Fits SQ-110-VG

More fan models and sizes stocked in Toronto and Montreal. Please enquire for more information.

### GREENHECK CEILING AND CABINET FANS



SP SERIES Greenheck Ceiling Exhaust Fans c/w Grille

Model		CFM / S	tatic Press. in Ir	iches wg							
Number		0	0.1	0.25							
Stocked in Ottawa branch											
00.0002	CFM		90	73							
OD-9003	Sones		0.3	N/A							
OD-1106	CFM		110	87							
00-1106	Sones		0.6	N/A							
CD D110	CFM	133	114	97							
SP-B110	Sones	1.5	1.5	2.0							
SP-A110	CFM	119	110	88							
SP-ATTU	Sones	0.8	0.8	1.1							
00 4105	CFM	135	123	104							
SP-A125	Sones	0.9	1.2	1.3							
SP-A190	CFM	216	197	167							
SP-A190	Sones	2.5	2.5	2.5							
SP-A250	CFM	272	251	227							
5P-A250	Sones	2.5	2.5	2.5							
SP-A290	CFM	315	293	257							
5P-A290	Sones	2.5	2.5	3.0							
CD 4200	CFM	410	395	368							
SP-A390	Sones	4.5	4.5	4.5							
SP-A410	CFM	443	413	351							
58-44 IU	Sones	3.5	3.0	3.0							
SD 4510	CFM	557	512	439							
SP-A510	Sones	5.0	4.5	4.5							

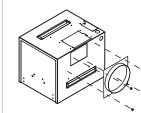
	Stocked in a	nother bran	ich	
00.400	CFM	99	88	61
SP-A90	Sones	0.8	1.0	1.2
SP-A200	CFM	247	225	196
3F-A200	Sones	1.4	2.0	2.5
SP-A710	CFM	752	714	653
3F-A/10	Sones	6.0	6.0	6.0
0000	CFM	955	907	841
SP-A900	Sones	4.0	5.0	5.0
SP-A1050	CFM	1125	1059	964
3F-A1050	Sones	6.0	6.0	6.0
SP-A1410	CFM	1455	1415	1353
3F-A1410	Sones	10.0	10.0	10.0
SP-A1550	CFM	1607	1558	1506
5P-A1000	Sones	10.5	10.0	10.0
	CFM	101	89	75
SP-B90	Sones	1.5	2.0	2.5
SP-B150	CFM	160	156	154
5P-B100	Sones	2.5	2.5	3.0
SP-B200	CFM	197	195	191
SF-B200	Sones	3.5	4.0	4.5



CSP SERIES Greenheck Cabinet Inline Exhaust Fans

Madel		CFM / S	tatic Press. in In	iches wg
Model Number		0	0.1	0.25
	Stocked in (	Ottawa branc	h	
CSP-A110	CFM	124	112	102
CSP-ATTU	Sones	0.8	0.7	0.9
CSP-A190	CFM	215	202	180
C3F-A190	Sones	2.0	1.5	2.0
CSP-A200	CFM	254	231	203
05P-A200	Sones	0.6	0.4	0.9
CCD 4000	CFM	318	299	265
CSP-A290	Sones	1.1	1.2	2.0
000 4000	CFM	412	400	382
CSP-A390	Sones	2.0	2.0	2.5
CSP-A410	CFM	447	441	364
CSP-A410	Sones	1.5	1.5	2.0
000 4510	CFM	545	514	464
CSP-A510	Sones	2.5	2.0	2.0
000 4700	CFM	766	755	739
CSP-A700	Sones	2.0	2.0	2.0
000 4740	CFM	737	698	635
CSP-A710	Sones	2.5	2.5	2.5
000 4700	CFM	813	784	742
CSP-A780	Sones	3.0	3.0	3.0
CCD 4000	CFM	908	852	782
CSP-A900	Sones	1.4	1.4	2.0

Stocked in another branch				
CSP-A125	CFM	138	126	114
03F-A125	Sones	1.1	1.1	1.0
CSP-A250	CFM	266	246	221
03F-A250	Sones	0.9	1.0	2.0
CSP-A1050	CFM	1182	1110	1013
CSP-A1050	Sones	2.5	2.5	2.5
000 41450	CFM	1584	1543	1483
CSP-A1450	Sones	3.5	3.5	3.5
000 44550	CFM	1672	1618	1543
CSP-A1550	Sones	5.0	4.5	4.5

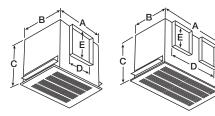


MODEL RDC Round Duct Connector

Model	Sizes	Dia.
RDC-6	210-218	6
RDC-8	224-252	8

GREENHECK **SP & CSP DIMENSIONS** 





Model Number	A in. [mm]	B in. [mm]	C in. [mm]	Grille in. [mm] SP Only	OUTLET in. [mm]	INLET in. [mm] CSP Only	MAX WGT. Ibs [kg]
SP 50-90	13.25 [337]	10.625 [270]	9 [229]	14.875 x 13.25 [378 x 337]	6" dia [152 dia]	N/A	12 [5]
110-190	13.25 [337]	10.625 [270]	9 [229]	14.875 x 13.25 [378 x 337]	8 x 6 [203 x 152]	12 x 9.25 [305 x 235]	17 [8]
200-390	14 [356]	11.875 [302]	11.25 [286]	19.375 x 16.375 [492 x 416]	8 x 8 [203 x 203]	12.875 x 10 [327 x 254]	24 [11]
410-510	18 [457]	14.375 [365	14.5 [368]	25.125 x 13.5 [638 x 343]	8 x 8 [203 x 203]	16.875 x 13.25 [429 x 337]	31 [14]
700	23.625 [600]	11.625 [365]	11.625 [365]	19.375 x 16.375 [492 x 416]	19.5 x 8 [495 x 203]	22.625 x 10.5 [575 x 267]	34 [15]
710-780	18 [457]	14.375 [365]	14.5 [368]	25 x 16.375 [635 x 416]	10 x 8 [254 x 203]	16.875 x 13.25 [429 x 337	36 [16]
CSP 900, 1050, 1410, 1550	23.75 [603]	-	14.5 [368]	N/A	18.75 x 8 [476 x 203]	22.625 x 13.25 [575 x 337]	59 [27]
OD-9003 / OD-1106	11-3/8[289]	10-1/2[267]	7-5/8[194]	14" x 13" [355 x 330]	4" dia [100]	N/A	12 [5]

#### SP & CSP ACCESSORIES



SPEED CONTROLLERS

### Stocked in Ottawa branch

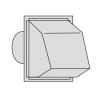
5WSSC - 5 WATT; 115 VOLT Use with SP-B50 to SP-A900 / CSP-B110 to CSP-A900

10WSSC - 10 WATT; 115 VOLT Use with SP/CSP- A1050 to SP/CSP-A2150

#### FAN FRANKLIN **STARTER**



**BAS-1P Starter** Stocked in Ottawa branch 1Ø - 110V, 1/10 to 1hp 1Ø - 240V, 1/10 to 1hp



MODEL WC Aluminum Wall Caps w/ Built in Damper

Stocked in	Ottawa branch
WC-4	4"

	-	-

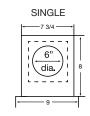
Aluminum Wall Caps with Built in Birdscreen & Damper WC-6

Stocked in Ottawa branch			
WC-6	6"		
WC-8	8"		
WC-10 x 3	10" x 3"		



Columbus Electric ETD5SS

**Contact Ottawa branch** for availability



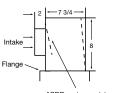
WALL

BOXES

price

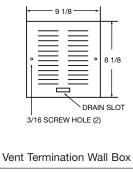
AIRVENT METAL PRODUCTS®

COMMON SIDE PROFILE



ASDD spring assist back draft damper pantent pending

### SIDE PROFILE



Stocked in Ottawa branch



LOUVERS

TWO POSITION / 24-240V Spring Return Actuators

### Stocked in Ottawa branch

NFBUP-S c/w END SWITCH (90 in-lb Torque)

AFBUP-S c/w END SWITCH (180 in-lb Torque)

### Honeywell TOXIC AND COMBUSTIBLE GAS DETECTOR PLATFORMS



E3 Point 24V Standalone gas detector system with Integral Sensors available for:

Stocked in Toronto branch				
CO	NO2			

NO2 and CO Remote Dual Sensors available



VA301EM controller and chiller room accessories include:

Stocked in	Toronto	branch	

R134A Refrigerant Sensors	R133A Refrigerant Sensors
Annunciator Panel	ASHARE No.14 & B-52 Code Compliant



### **GRIPPLE** HVAC & ELECTRICAL HANGERS

	Application	Part N	lumber	Max. Safe Working Load per Cable
HANG FAST SYSTEM WITH 1/4" 90 DEGR	EE EYELET (FOR ¼" ANCHORS)	-		
	Eyelet end for easy installation to concrete soffits.		HF2-EY90QG-10ft	
	Ideal for:	HF2-EY90QG-20ft		No. 2 - 100lbs.
3	<ul> <li>Equipment with mounting brackets (fan coils, fans, etc.)</li> <li>Radiant tube heaters</li> <li>Spiral or oval ductwork</li> </ul>	HF3-EY90QG-10ft		N. 0. 0001
	Cable tray (particularly with Y accessory below)	HF3-EYS	90QG-20ft	No. 3 - 200lbs.
HANG FAST SYSTEM WITH LOOP END	1	1		1
	Loop end for easy installation with joists, beams or for use with tie-wire/eyelet anchors.	HF2-I	_G-10ft	- No. 2 - 100lbs
	Ideal for: • Equipment with mounting brackets (fan coils, fans, etc.)	HF2-I	_G-20ft	
	Radiant tube heaters     Spiral or oval ductwork	HF3-I	_G-10ft	No. 3 - 200lbs
	Cable tray (particularly with Y accessory below)     Rectangular duct using stocked corner saddles	HF3-I	_G-20ft	
HANG FAST SYSTEM WITH TOGGLE HA	NGER FOR STEEL DECKS	<u>I</u>		1
0		HF2-	rG-10ft	
	Easy installation in steel roof decks with loop end for spiral ductwork etc. (as per Loop End Hang Fast System above)	HF2-TG-15ft		No. 2 - 100lbs
<b>V</b>		HF2-TG-20ft		
DUCT TRAPEZE				
	Dis allows rapid edivetment	Loop End	1/4" Eyelet End	-
	Pin allows rapid adjustment. 3 Attachment points for self-drilling screws (Not inc.) Ideal for:	SDT2-LG-5ft	SDT2-EY90QG-5ft	No. 2 - 100lbs
	<ul> <li>Rectangular duct</li> <li>Cabinet fans</li> <li>Loop can be used with joists, beams, strut, etc.</li> </ul>	SDT2-LG-10ft	SDT2-EY90QG-10ft	
STRUT TRAPEZE			1	
		Loop End	1/4" Eyelet End	
		STZ2-LG-5ft	STZ2-EY90QG-5ft	No. 2 - 100lbs
	Ideal for strut supported: • Rectangular or oval duct • Equipment and fans	STZ2-LG-10ft	STZ2-EY90QG-10ft	
	Cable trays, conduit and pipes	TZ3-LG-5ft	TZ3-EY90QG-5ft	No. 3 - 200lbs
		TZ3-LG-10ft	TZ3-EY90QG-10ft	
Y-FIT HOOK ACCESSORY				
	Y accessory can be added to any hang fast system	AY2-HG-4	60MM (18")	No. 2 - 100lbs
V	Radiant panels     Lights and Cable Trays			
CORNER SADDLE ACCESSORY				
	Used with Hangfast system for hanging rectangular ductwork			

### SEISMIC AND VIBRATION ISOLATION COMPONENTS

### **GRIPPLE** SEISMIC SWAY BRACING

Gripple® Seismic Cable Bracing Systems offer the following advantages:

- Complete pre-engineered systems
- No field swaging of cables
- Up to 10 times faster to install
- No tools required
- Color coding allows easy field verification
- Suitable for new or retrofit installations
- Can be used in a variety of bracing configurations (transverse, longitudinal, 4-way)
- OSHPD OPA 2123-10 approval (GS10, GS12, and GS19 systems)

2

SMACNA verified

1. Gripple® Seismic Cable

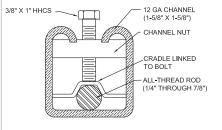
2. End Fitting

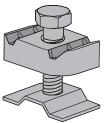
3. Color Coded Tag

1

UL NEBS GR 63 Core Certification

### UNISTRUT ROD STIFFENER



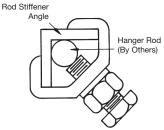


P2486EG 24" Spacing typical



### SEISMIC ROD BRACING CLAMPS





SRBC SERIES

NOTE: Three clamps are required per rod. Clamps are furnished complete with bolt and nut as illustrated.

CLAMP SIZING TABLE			
Size	Used with Angle Size	Hanger Rod Sizes	
SRBC-1 1/4	1" x 1" x 1/4"	3/8", 1/2", 5/8"	

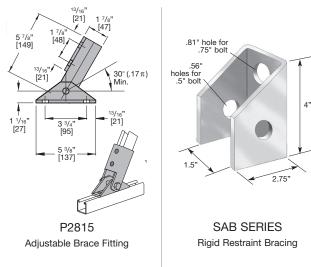
Kit	Color	Design Strength (LRFD)
GS10 (stock)	Red	350 lbs.
GS12 (stock)	Green	1,050 lbs.
GS19 (1 week lead)	Yellow	2,100 lbs.
GS25 (1 week lead)	Purple	4,100 lbs.

3

4. Gripple<sup>®</sup> Seismic Fastener

5. Loose Bracket

#### 



### **SEISMIC ISOLATOR**



**TYPE AMSR-1C** 

The Power of Together™

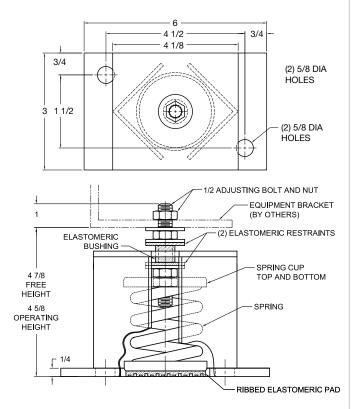
Seismic Isolators 1" Deflection

TYPE AMSR-1C SEISMICALLY RESTRAINED SPRING VIBRATION ISOLATORS						
Model	Rated Load	Rated Deflection	Spring	Allowable G Rating <sup>2</sup>		
Model	(lbs)	(in)	(lbs/in)	Color Code	Horz.	Vert.
AMSR-1C-50	50	1.00	50	Blue	16.5	46.8
AMSR-1C-100	100	1.00	100	Tan	8.2	23.4
AMSR-1C-150	150	1.00	150	Red	5.5	15.6
AMSR-1C-250	250	.83	300	Black	3.3	9.4
AMSR-1C-300	300	.75	400	DK Yellow	2.7	7.8
AMSR-1C-370	370	.75	493	Yellow	2.2	6.3
AMSR-1C-370N1	520	.75	693	Yellow/Green	1.6	4.5

### TABLE NOTES:

1. Two nested springs yield this load.

 All allowable G ratings are based on Hiltikwikbolt Tz wedge anchors (or equal) in stone and aggregate concrete (Ec=3000 PSI)



### SPRING ANGULARITY HANGER



### **TYPE HSA-1B**

THE VMC GROUP The Power of Together<sup>TM</sup>

### Spring Angularity Hangers 1"

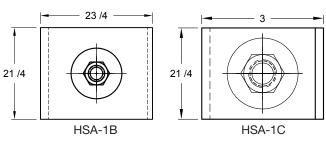
Nominal Deflection

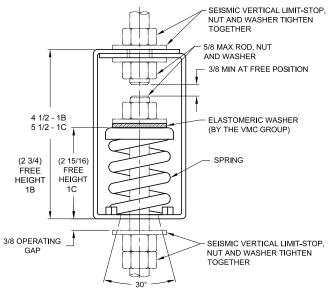
TYPE HSA-1B SPRING ANGULARITY HANGERS 1" NOMINAL DEFLECTION				
Hanger	Rated Load (lbs)	Rated Deflection (in)	Spring Rate (lbs/in)	Spring Color Code
HSA-1B-20	20	1.25	16	DK Blue
HSA-1B-35	35	1.17	30	Black
HSA-1B-50	50	1.11	45	Red
HSA-1B-70	70	.88	80	DK Green
HSA-1B-85	85	.81	105	Grey

Spring Angularity Hangers 1" Nominal Deflection

### TYPE HSA-1C

TYPE HSA-1C SPRING ANGULARITY HANGERS 1" NOMINAL DEFLECTION				
Hanger	Rated Load (lbs)	Rated Deflection (in)	Spring Rate (Ibs/in)	Spring Color Code
HSA-1C-50	50	1.00	50	Blue
HSA-1C-100	100	1.00	100	Tan
HSA-1C-150	150	1.00	150	Red
HSA-1C-250	250	.83	300	Black
HSA-1C-300	300	.75	400	DK Yellow
HSA-1C-370	370	.75	493	Yellow





NOTES:	

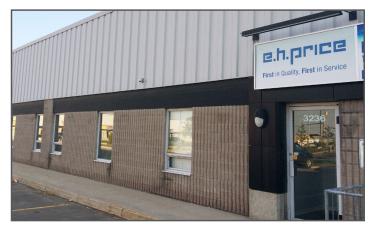
NOTES:	



First in Quality, First in Service

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#### MONTREAL

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