SIEMENS

POWERS™ CONTROLS
Pneumatic Thermostat Accessories

Description

Proven to provide fast response and highly accurate temperature control, POWERS Pneumatic Room Thermostats are supported by a wide range of mounting, configuration and calibration accessories. This document provides a listing of available accessories along with links for downloading technical literature.

POWERS pneumatic room thermostats are available for the following applications:

- Single Temperature
- Day/Night
- Day/Night Vent
- Heating/Cooling
- Free Energy Band
- Free Energy Band with Hesitation

Photo	Description	Product Group	Quantity	Part Number
All Models				
	Calibration Gauge • 0 to 30 psi (0 to 207 kPa) • Dual scale in psi/kPa • 1% accuracy (ANSI grade 1A) • 2-1/2" (64 mm) dial face • 1/8" NPT bottom connection Click to download Powers Installation Guide	All models	1	**142-0455**
	Calibration Thermometer • 40 to 140°F (4 to 60°C), 1% accuracy • With pocket case and clip. Click to download Powers Installation Guide	All models	1	**141-0573**
	Lockable Thermostat Guard • Clear cover locking guard • Clear plastic locking ring base • Desert beige locking mounting base • One key and mounting screws included Click to download technical instruction	Any Siemens thermostat	1	**141-570**
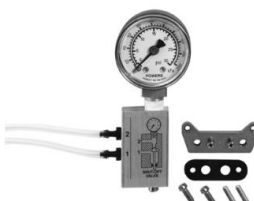
Photo	Description	Product Group	Quantity	Part Number
POWERSTAR® (Pneumatic Room Thermostat Series 192x, 193x, 194x)				
	Pressure Gauge • Dual scale 0 to 30 psi (0 to 200 kPa) • Compound gauge • Back connected 1/8" NPT male. Click to download technical instruction	19X 356	1	**142-0373**
	Pressure Gauge. • 0 to 30 psi compound gauge • Bottom connected 1/8" NPT male • Replacement gauge or use with 192-633. Click to download technical instruction	19X 356	1	**142-0426**
	Needle Probe Kit • 1-1/2" (38 mm) diameter gauge • 0 to 30 psi (0 to 200 kPa) • Calibration cover wrench. Click to download Powers Installation Guide	19X 356	1	**192-633**
	Needle Probe Only no gauge or cover wrench	19X 356	Pkg of 5	**192-759**
	Pneumatic Thermostat Calibration Kit. • Contains thermometer, gauge squeeze bulb, and fittings for testing room and duct thermostats, pneumatic valve and damper actuators. • Includes convenient carrying case. Includes tools contained in 832-178. Click to download technical instruction Click to download Powers Installation Guide	19X 832	1	**832-177**
	Calibration Tools. • Special tools for calibrating 180, 182, 192, and 832 thermostats. • Packed in polyethylene box that fits into carrying case of kit, 832-177. Click to download technical instruction Click to download Powers Installation Guide	192 832	1	**832-178**
	Test Head Kit. • Used for testing 1-pipe transmitters, thermostat air lines for leakage. • Packed in polyethylene box that fits into carrying case of kit, 832-177. Click to download technical instruction Click to download Powers Installation Guide	192 832	1	**832-179**
	192 Series Pneumatic Thermostat Calibration and Cover Screw Wrench • With pocket clip. • 1/16" hex with ball end	19X	Pkg of 5	**192-632**
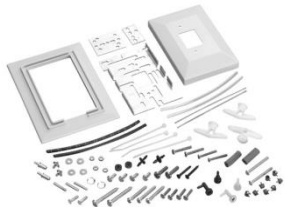
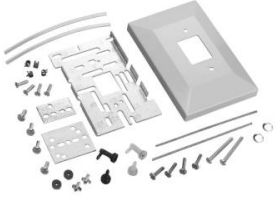| Photo	Description	Product Group	Quantity	Part Number
POWERSTAR® (Pneumatic Room Thermostat Series 192x, 193x, 194x)				
	Wall Box Rough-In. • For 2-pipe dual 1/8" (3 mm) OD copper with plaster plate. 8' (2 m) long belled to 3/16" (5 mm) OD • With thermostat chassis plug-in adapters for easy maintenance. Click to download technical instruction Click to download technical instruction	19X 832	1	**192-478**
	Wall Box Rough-In. • For 1 or 2-pipe dual 1/4" (6 mm) OD poly tubing w/ plaster plate. 10' (3 m) long. • With thermostat chassis plug-in adapters for easy maintenance. Click to download technical instruction Click to download technical instruction	19X	1	**192-480**
	Stud Mounting Bracket. • 6' (2 m) L. Cut to required length.	192	1	**141-098**
	Stud Mounting Bracket and Dual Copper Tubing, • Belled to 3/16" (5 mm) OD with plug-in adapters for easy maintenance. Click to download technical instruction Click to download technical instruction Click to download installation instruction	19X	1	**192-482**
	Metal/Wood Stud Bracket. • Drywall rough-in. Click to download technical instruction Click to download technical instruction Click to download installation instruction	19X	Pkg of 5	**182-683**
	Universal Kit. • Retrofit thermostats including Honeywell, Johnson Controls, and others. • Desert Beige color. **Universal Kit in White Color** Click to download technical instruction Click to download technical instruction Click to download installation instruction	19X	1 1	**192-300** **192-300W**

Photo	Description	Product Group	Quantity	Part Number
POWERSTAR® (Pneumatic Room Thermostat Series 192x, 193x, 194x)				
	Honeywell Kit. • Fits Honeywell and others. • Desert Beige color. Click to download technical instruction Click to download technical instruction Click to download technical instruction Click to download installation instruction	19X	1	**192-483**
	Johnson Kit. • Retrofit to 19X thermostat. Fits Johnson Controls and others. • Desert Beige color. Click to download technical instruction Click to download technical instruction	19X	1	**192-484**
	Aspirator Conversion Kit. • For 2-pipe thermostat chassis only. • Converts existing 18XAP installed aspirator wall box for use with chassis. Kit includes plate, gasket, hardware, and instruction sheet. • Order 19X chassis separately. Click to download technical instruction Click to download installation instruction	19X	1	**192-648**
	1- or 2-pipe; split for 3-pipe. Dual 1/4" (6 mm) OD polyethylene with plug-in adapters. 10' (3 m) long.	19X	1	**192-600**
	1- or 2-pipe. Dual 1/4" (6 mm) OD polyethylene with plug-in adapters. 40' (12 m) long.	19x	1	**192-755**
	Preassembled Plastic Tubing Loop. • 8" (203 mm) long, with anti-kink spring, plug-in thermostat adapter. Mates to 1/4" (6.4 mm) OD polyethylene tube barbed fitting. Click to download technical instruction Click to download installation instruction Click to download installation instruction	19X	Pkg of 10	**192-481**
	Preassembled Plastic Tubing Loop. • 8" (203 mm) long, with anti-kink spring, thermostat plug-in adapter. Mates to 5/32" (4 mm) OD polyethylene tubing. Click to download technical instruction	19X	Pkg of 10	**192-505**

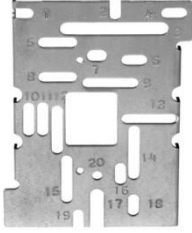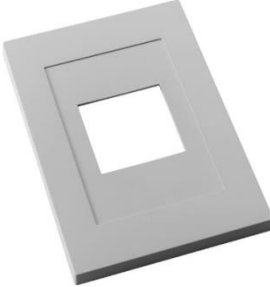| Photo	Description	Product Group	Quantity	Part Number
POWERSTAR® (Pneumatic Room Thermostat Series 192x, 193x, 194x)				
	Preassembled Plastic Tubing Loop. • 8" (203 mm) long, with anti-kink spring. Cut and attach directly to thermostat chassis. Attach compression rings to prevent air leakage. Mates to 1/4" (6 mm) OD polyethylene tubing. Click to download technical instruction Click to download installation instruction	19X	Pkg of 10	**180-896**
	20 scim (5 ml/sec) Restrictors. • For 1-pipe systems. 1/4" (6 mm) OD polyethylene barb unless noted. Brass coupling, 1/8" NPT. Click to download technical instruction	192 (1-pipe)	1	**184-040**
	20 scim (5 ml/s) In-line Restrictors. Click to download technical instruction	192	Pkg of 5	**184-116**
	20 scim (5 ml/s) Restrictor Tee. Click to download technical instruction	192	Pkg of 5	**184-113**
	External Restrictor Installation Kit. • For dual 1-pipe systems. Supply, thermostat and two-controlled devices. Click to download technical instruction	19X	1	**184-130**
	Adapter Base. • 3.38" W × 5.69" H (86 mm W × 18 mm H). • Desert Beige (standard) • White Click to download technical instruction	19X	 1 1	 **192-307** **192-307W**
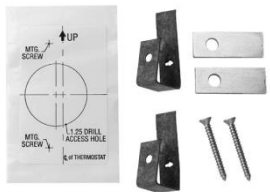
Photo	Description	Product Group	Quantity	Part Number
POWERSTAR® (Pneumatic Room Thermostat Series 192x, 193x, 194x)				
	Adapter Frame. • 4.38" W × 5.31" H × 0.09" D (111 mm W × 151 mm H × 2 mm D). • Desert Beige (standard) • White Click to download technical instruction Click to download installation instruction	19X	 1 1	**192-308** **192-308W**
	Multi-Slotted Plate. • Use with adapter bases. Not for use with thin profile adapter bases.	19X	1	**192-301**
	Thin Profile Adapter Base. • Measures 3.38" × 4.97" H (86 mm × 126 mm). • Desert Beige color (standard). Click to download technical instruction	19X	Pkg of 5	**192-507**
	Extra Wall Plate and Mounting Screws. • Order only if required for repair or advance mounting prior to factory delivery for chassis (chassis P/N includes wall plate and screws). Click to download technical instruction	19X	1	**192-644**
	Mounting Clips, Spacer and Template for finished drywall. Click to download technical instruction Click to download installation instruction Click to download installation instruction	19X	Pkg of 10	**182-685**
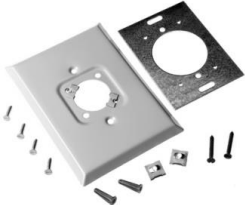
Photo	Description	Product Group	Quantity	Part Number
POWERSTAR® (Pneumatic Room Thermostat Series 192x, 193x, 194x)				
	Terminal Wall Box Cover Kit. • Covers abandoned thermostat locations with blank plate. Dimensions 3.13" × 3.25" (54 mm × 84 mm). • Desert Beige color.	19X	1	**192-320**
	Retrostat Plastic Thermostat Cover Kit. • With dial plates that expose or conceal the set point indicator and/or thermometer. Thumb wheel covers to conceal setpoint adjustment. Snap-out tab for Day/Night lever. • Desert Beige (standard) • White Click to download installation instruction	19X	1 1	**192-868** **192-868W**
	Gym Guards. • Desert Beige color. Click to download technical instruction	19X DN or DNV	1	**182-624**
	Lockable Wall Box. Click to download technical instruction Click to download technical instruction Click to download installation instruction	Any Siemens thermostat	1	**141-570**
	Finish Plate. • 1 gang[1], 1 room thermostat.[3] • Brushed Finish. • Desert Beige color.	19X	 1 1	 **192-860** **192-861**
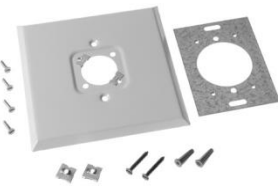
Photo	Description	Product Group	Quantity	Part Number
POWERSTAR® (Pneumatic Room Thermostat Series 192x, 193x, 194x)				
	Finish Plate. • 2 gang[2], 1 room thermostat.[3] • Brushed Finish. • Desert Beige color. Click to download technical instruction Click to download installation instruction	19X	 1 1	 **192-731** **192-732**

Order Notes
1. 1 gang: 3.75" (95 mm) W × 5" (127 mm) H.
2. 2 gang: 5" (127 mm) W × 5" (127 mm) H.
3. For use with pneumatic or automation room sensors and pneumatic or commercial light switches; comes in brushed, stainless steel finish.

Photo	Description	Product Group	Quantity	Part Number
 Model 1 and 2	**Thermostat Thermometer Kits.** • Scale Range: 45 to 85°F. • Use with Model 1 and 2.	19X	Pkg of 5	**192-775**
 Model 3 and greater	**Thermostat Thermometer Kits.** • Scale Range: 45 to 85°F. • Use with Model 3 and greater.	19X	Pkg of 5	**192-786**
	• Scale Range: 10 to 30°C • Use with Model 3 and greater	19X	Pkg of 5	**192-785**
	Setpoint Dials.	19X		
	Fahrenheit of D.A. Right Side		Pkg of 10	**192-779**
	Fahrenheit of R.A. Right Side		Pkg of 10	**192-780**
	Celsius of R.A. Right Side		Pkg of 10	**192-783**
	Celsius of R.A. Right Side		Pkg of 10	**192-784**
	Fahrenheit of D.A. Left Side		Pkg of 10	**192-777**
	Fahrenheit of R.A. Left Side		Pkg of 10	**192-778**
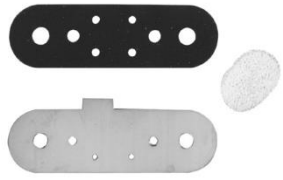
Photo	Description	Product Group	Quantity	Part Number
POWERSTAR® (Pneumatic Room Thermostat Series 192x, 193x, 194x)				
	Replacement Chassis Tube Connector and mounting screws. Also provides access to filters and restrictor plate (10 thermostats). Click to download installation instruction	19X	Material for 10 thermostats	**192-525**
	Plug-in Adapters. • For quick thermostat removal. Fits on 5/32" (4 mm) OD polyethylene tubing. Use with compression rings, listed below. • Straight, blue • Straight, white Click to download technical instruction Click to download technical instruction	19X	 Pkg of 20 Pkg of 20	 **192-485** **192-486**
	Plug-in Adapters (Elbow). • Blue (provides quick thermostat removal). • White (provides quick thermostat removal). Click to download technical instruction	19X	 Pkg of 20 Pkg of 20	 **192-487** **192-488**
	Restrictor Plate Replacement Kit. • Contains replacement filters, restrictor plates, and gaskets. Click to download technical instruction	19X	Material for 10 thermostats	**192-321**
POWERS™ "D" Series Pneumatic Room Thermostats (Pneumatic Thermostat Series 832D, 832DN				
	Adjustment Key. • Opens Powers cover and changes setpoint. Click to download technical instruction Click to download installation instruction	832D 832DN	1	**856-055**
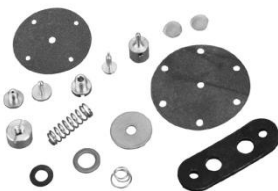
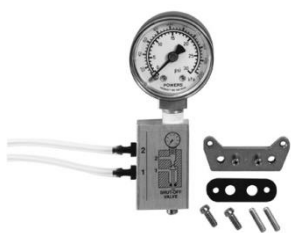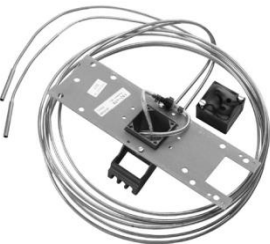| Photo	Description	Product Group	Quantity	Part Number
POWERS™ "D" Series Pneumatic Room Thermostats (Pneumatic Thermostat Series 832D, 832DN				
	"D" Thermostat cover • Cover for 832-0120. • Cover for 832-0500 or 832-1260. • Cover for 832-0490 (does not include mounting screws, 856-014, that are required for operation. • Mounting screws. Click to download technical instruction Click to download installation instruction	832D 832DN	1 1 1 1	**856-036** **856-044** **856-046** **856-014**
	"D" Base Kit. • For mounting "D" thermostat with exposed tubing. Black base with cutout on top. Click to download technical instruction Click to download installation instruction	832D 832DN	1	**832-034**
	"**D" Thermostat Friction Knob.** Click to download technical instruction	832	1	**833-033**
	"D" Thermostat Replacement Unit. • Contains chassis only. Click to download technical instruction Click to download installation instruction	832D	1	**832-040**
	Exhaust and Supply Valve Repair Kit. • Contains parts for replacement of supply and exhaust valves in one thermostat. Click to download technical instruction Click to download installation instruction	832	1	**832-164**

Photo	Description	Product Group	Quantity	Part Number
POWERS™ "D" Series Pneumatic Room Thermostats (Pneumatic Thermostat Series 832D, 832DN				
	Pneumatic Thermostat Calibration Kit. • Contains thermometer, gauge squeeze bulb, and fittings for testing room and duct thermostats, pneumatic valve and damper actuators. Includes convenient carrying case. Includes tools contained in 832-178. Click to download technical instruction Click to download installation instruction	832 19X	1	**832-177**
	Calibration Tools. • Special tools for calibrating 180, 182, 192, and 832 thermostats. Packed in polyethylene box that fits into carrying case of kit, 832-177. Click to download technical instruction Click to download technical instruction Click to download installation instruction	832 19X	1	**832-178**
	Test Head Kit. • Used for testing 1-pipe transmitters, thermostat air lines for leakage. Packed in polyethylene box that fits into carrying case of kit, 832-177. Click to download technical instruction	832 19X	1	**832-179**
	Wall Box Rough-In. • For 2-pipe dual 1/8" (3 mm) OD copper with plaster plate. 8' (2 m) long belled to 3/16" (5 m) OD with thermostat chassis plug-in adapters for easy maintenance. Click to download technical instruction Click to download technical instruction Click to download technical instruction	832 19X	1	**192-478**
POWERS™ Unit Mounted, High/Low Detection Thermostats (pneumatic thermostat series 188 and 134)				
	Remote Bulb Duct Mounting Kit. Click to download technical instruction Click to download installation instruction	188 134	1	**808-517**

Photo	Description	Product Group	Quantity	Part Number
POWERS™ Unit Mounted, High/Low Detection Thermostats (pneumatic thermostat series 188 and 134)				
	Restrictor Plate Replacement Kit. • Restrictor plates and gaskets for 20 scim (5.4 ml/s) restriction • Restrictor plates and gaskets for 40 scim (11 ml/s) restriction Click to download technical instruction Click to download technical instruction Click to download technical instruction	188	5 sets of each	**188-159**
	Capillary Clip. Click to download technical instruction Click to download installation instruction	134 357	Box of 100	**7421700060**
	Concealed Adjustment Faceplate. Click to download technical instruction	134	1	**134-034**
	Electric Thermostat Guard. • For electric thermostats no larger than 5-1/4" H x 3/4" W x 2" D. (133 mm H x 19 mm W x 51 mm D). Made of cast aluminum. Allen Key included. Click to download technical instruction	134	1	**134-117**
	Lockable Thermostat Guard Click to download technical instruction	Any Siemens Thermostat	1	**141-570**
	Thermostat Mounting Bracket	188	1	**188-077**

Photo	Description	Product Group	Quantity	Part Number
POWERS RETROLINE™ PneumaticTemperature Transmitters (series 184)				
	Well Mounting Bracket Kit. Click to download technical instruction Click to download installation instruction	184	1	**184-105**
	Copper Well. • 1/4" D x 4" L (6 mm D x 102 mm L) Click to download technical instruction Click to download installation instruction	184	1	**184-119**
	Outdoor Bulb Shield. 9" (229 mm) L	184	1	**134-084**
	20 scim (5 ml/sec) Restrictors. • For 1-pipe systems. 1/4" (6 mm) OD polyethylene barb unless noted. Brass coupling, 1/8" NPT.	184 192(1-pipe)	1	**184-040**
	20 scim (5 ml/s) In-line Restrictors. Click to download technical instruction	192 184	Pkg of 5	**184-116**
	20 scim (5 ml/s) Restrictor Tee. Click to download technical instruction	192 184	Pkg of 5	**184-113**

Photo	Description	Product Group	Quantity	Part Number
POWERS RETROLINE™ PneumaticTemperature Transmitters (series 184)				
	Preassembled Plastic Tubing Loop. • 8" (203 mm) long, with anti-kink spring. Cut and attach directly to thermostat chassis. Attach compression rings to prevent air leakage. Mates to 1/4" (6 mm) OD polyethylene tubing. Click to download technical instruction Click to download installation instruction	184 19X	Pkg of 10	**180-896**
	Pressure Gauge • Dual scale 0 to 30 psi (0 to 200 kPa) • Compound gauge • Back connected 1/8" NPT male. Click to download technical instruction	184 19X 356 195	1	**142-0373**
LIMITEM™ Rigid Duct and Remote Bulb Thermostats (Series 356 and 357)				
	Coil Clip.	357	1	**356-115**
	Capillary Clip. Click to download technical instruction Click to download installation instruction	134 357	Box of 100	**7421700060**
	Swivel Flange Mounting Kit. Click to download technical instruction Click to download installation instruction	356	1	**356-090**
	Flange Kit. Click to download technical instruction Click to download installation instruction	356	1	**808-412**

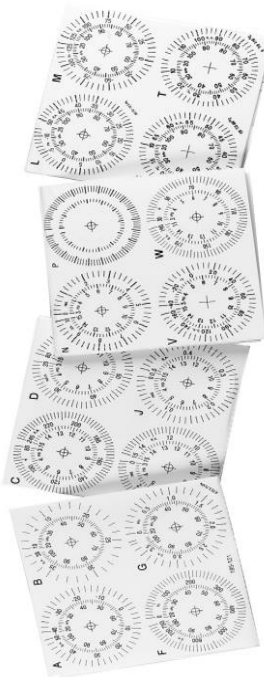| Photo	Description	Product Group	Quantity	Part Number
LIMITEM™ Rigid Duct and Remote Bulb Thermostats (Series 356 and 357)				
	Allen Wrench Kit. (pack of 5)	356 357	5	**192-623**
	Pressure Gauge. • 0 to 30 psi compound gauge. • Bottom connected 1/8" NPT male. • Replacement gauge or use with 192-633. Click to download technical instruction	19X 356	1	**142-0426**
	Pressure Gauge • Dual scale 0 to 30 psi (0 to 200 kPa). • Compound gauge. • Back connected 1/8" NPT male. Click to download technical instruction	356 19X 184 195	1	**142-0373**
	Needle Probe Kit • 1-1/2" (38 mm) diameter gauge. • 0 to 30 psi (0 to 200 kPa). • Calibration cover wrench. Click to download technical instruction	19X 356	1	**192-633**
	Needle Probe Only No gauge or cover wrench.	19X 356	Pkg of 5	**192-759**
	Receiver-Controller Restriction Kit. • Includes three input restriction plates, one pilot relay restriction plate, gaskets, and two screws. Click to download technical instruction Click to download installation instruction	195	1 Kit	**195-066**
	Receiver-Controller Connector Kit. • Includes two plug-in connector assemblies, one 3-barb input connector assembly. • Multiple-Input Click to download technical instruction Click to download installation instruction	195	1 Kit	**195-067**

Photo	Description	Product Group	Quantity	Part Number
POWERS™ Receiver-Controllers (series 195)				
	Setpoint Dial Sheets. Direct Acting and Reverse Acting.	195	4 Sheets	**195-130**

English Units	Metric Units	Scale ID
-40 to +120°F	-40 to +50°C	A
50 to 100°F	10 to 38°C	B
80 to 240°F	26 to 117°C	C
20 to 80% RH	-18 to +38°C	D
0 to 100°F	1 to 58°C	E
35 to 135°F	0 to 750 Pa	F
0 to 3 W.G.	0 to 3.75 kPa	G
0 to 15 W.G.	20 to 80% RH	H
0 to 0.5 W.G.	0 to 125 Pa	J
Blank 10 divisions	Blank 9 divisions	K (DA)
Blank 16 divisions	Blank 11 divisions	K (RA)
-0.05 to ±0.2" W.G.	-12.5 to +50 Pa	L
-0.5 to ±0.5" W.G.	-125 to +125 Pa	M
0 to 10" W.G.	0 to 2.5 kPa	N
Blank 20 divisions	Blank 15 divisions	P
0 to 50 psi	0 to 345 kPa	R
50 to 150°F	10 to 66°C	S
40 to 240°F	4 to 116°C	T
-40 to +160°F	-40 to +71°C	V
30 to 190°F	-1 to +88°C	W

Ordering Notes

- Add Scale ID as suffix to Part No.
- Indicate English or Metric units.

Click to download technical instruction
Click to download installation instruction

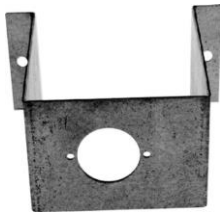| Photo	Description	Product Group	Quantity	Part Number
	Inline Air Filter • Replaces 908-033 • Visible filter element with color indication Click to download technical instruction	All	1	**908-063**
	Pressure Gauge • Dual scale 0 to 30 psi (0 to 200 kPa) • Compound gauge • Back connected 1/8" NPT male. Click to download technical instruction	195 19X 356 184	1	**142-0373**

Photo	Description	Product Group	Quantity	Part Number
Static Pressure Sensor Probe Accessories				
	Static Pressure Sensor Probe. Click to download technical instruction	141	1	**269-062**
	Static Pressure Probe Kit. Click to download technical instruction	SW269	1	**189-142**
Multiple Applications				
	Check Valve. • Connections for 1/4" (6 mm) OD polyethylene tubing. Capacity is 30 scim (8.2 ml/sec) at 1 psi (7 kPa) drop. 450 scim (123 ml/sec) at 8 psi (55 kPa) drop. Click to download technical instruction	Multiple Applications	Package of 10	**380-024**
	Copper to Polyethylene Tubing Adapters. • 24" length. Adapts 1/4" (6 mm) OD polyethylene tubing to 1/4" (6 mm) OD copper tubing. Eliminates the need for compression fitting. Click to download installation instruction	Multiple Applications	Package of 50	**141-426**
Air Station Equipment				
	Air Filter Replacement Element. • For use with 908-051 Click to download technical instruction Click to download installation instruction	Air Station Equipment	1	**908-052**
	Cartridge Kit. • For use with 1 908-046 Filter. 500 scim (137 ml/sec) with 25 psi (127 kPa) supply for oil removal.	Air Station Equipment	1	**908-042**

Photo	Description	Product Group	Quantity	Part Number
SW786 Selector Switches				
	Flush Mounting Bracket. Click to download technical instruction Click to download technical instruction	SW786	1	**786-131**

Click on the following link to view the various covers for pneumatic room thermostats.

Link to POWERS Pneumatic Room Thermostat Cover Technical Instruction # A6V11225047