

## Data Sheet

### 2071A Commercial Pressure Gauge

#### FEATURES

- PowerFlex™ movement provides superior resistance to shock, vibration and pulsation
- FlutterGuard™ (option) reduce movement wear and pointer flutter
- TrueZero™ reduces reading errors by using a “zero zone” instead of conventional dial pins
- ASME B40.100, Grade A accuracy ( $\pm 2-1-2\%$ )

#### TYPICAL USES

- HVAC inspection
- Water/plumbing inspection
- Inspection and validation
- Meets the needs of heating, ventilating, plumbing and air conditioning contractors



**2071A**  
4½" dial size



#### SPECIFICATIONS

Accuracy:	$\pm 2-1-2\%$ of span (ASME B40.100 Grade A)
Dial Sizes:	4½"
Ranges:	Vacuum, compound to 600 psi
Process Connection Location:	Lower
Process Connection Size:	¼ NPT Male
Pointer:	Adjustable, black aluminum
Movement:	PolyFlex™ with polyester
Dampening Options:	FlutterGuard™

#### WETTED COMPONENTS

Bourdon Tube	Process Connection
Bronze, siphon required for steam service	Brass

#### NON-WETTED COMPONENTS

Case	Window	Ring
Aluminum, painted black with back flange	Glass	Chrome plated steel

#### KEY BENEFITS

- Adjustable pointer
- Corrosion-resistant case
- Customized dials

#### MIN/MAX TEMPERATURE LIMITS

Version	Ambient	Process	Storage
2071A	-40°F to 150°F (-40°C to 65°C)	-40°F to 150°F (-40°C to 65°C)	-40°F to 150°F (-40°C to 65°C)

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ORDERING CODE	Example:	45	W	2071A	02	L	XSF	100#
<b>Dial Size</b>								
45 - 4½"		45						
<b>Movement</b>								
W - PowerFlex™			W					
<b>Model</b>								
2071A - Black painted aluminum case with back flange/brass process connection material				2071A				
<b>Process Connection Size</b>								
02 - ¼ NPT Male					02			
<b>Process Connection Location</b>								
L - Lower						L		
<b>Options (If choosing an option(s) must include an "X")</b>							X__	
SF - FlutterGuard™, (SF includes throttle plug)							SF	
NP - Nickel plated socket								
T4 - Orifice restrictor 0.007"								
T5 - Orifice restrictor 0.013"								
T7 - Orifice restrictor 0.020"								
T9 - Orifice restrictor 0.063"								
PD - Polycarbonate window								
RS - ROHS (EU directives 2011/65/EU and 2015/863)								
<b>Range (coding example see table 1 below for all standard ranges)</b>								
<b>Single Scale</b>								
100# - 100 psi								100#

TABLE 1 - RANGES	
psi	Code
30IMV/0	VAC
30IMV/15	15#&VAC
30IMV/30	30#&VAC
30IMV/60	60#&VAC
30IMV/100	100#&VAC
0/15	15#
0/30	30#
0/60	60#
0/100	100#
0/160	160#
0/200	200#
0/300	300#
0/400	400#
0/600	600#

#### DIMENSIONS in [ ] are millimeters

For reference only, consult Ashcroft for specific dimensional drawings

Lower Connection										
Dial Size Inches	A	B	C	D	E	F	Wrench Flats G	H	I	Weight oz / kg
4½"	4.75 [121]	1.41 [36]	2.38 [60]	5.81 [148]	3.38 [86]	0.47 [12]	9/16 [14]	0.42 [11]	0.25 [6]	17.21 oz 0.488 kg

