

Engineering Specification

Job Name _____

Contractor _____

Job Location _____

Approval _____

Engineer _____

Contractor's P.O. No. _____

Approval _____

Representative _____

LEAD FREE*

Series LFDPTG-3 Center Back Entry Combination Pressure/Temperature Gauges

Dial Sizes: 2 1/2" and 3"

Series LFDPTG-3 Combination Pressure and Temperature Gauges are used in commercial, residential, and institutional Plumbing and HVAC applications. These gauges are center back entry type models with black enamel steel cases, Kostil Polymer windows, 1/2" NPT connections, copper alloy Bourdon tube pressure elements, and bimetal spiral springs. The LFDPTG-3 features Lead Free* construction to comply with Lead Free* installation requirements. Accuracy is ASME, Type B. Series LFDPTG-5 gauges are available in various pressure rating scales. The dual scale features PSI and kPa measurements.

Features

- Black enamel steel case
- Kostil polymer window
- Copper alloy Bourdon pressure element
- Bimetal spiral spring temperature element
- Tin alloy welding
- 1/2" Lead Free Brass NPT connection
- ASME Type "B" accuracy

Models

- LFDPTG-3** Center back entry
- LFDPTG-3A** Center back entry with extended temperature element
- LFDPTG-3L** Center back entry with extended mounting nut

Standards

- ASME B40.100
- EN ISO 9001:2008
- EN ISO 14001:2004

Temperature

Working Temperature: 60°F – 320°F (20°C – 160°C)



3" Dial LFDPTG3

2 1/2" Dial

Materials

Case:	Black enamel steel
Window:	Kostil polymer
Pressure Element:	Copper alloy Bourdon tube
Temperature Element:	Bimetal spiral spring
Welding:	Tin alloy
Connector:	Lead Free Brass

NOTICE

The information contained herein is not intended to replace the full product installation and safety information available or the experience of a trained product installer. You are required to thoroughly read all installation instructions and product safety information before beginning the installation of this product.

NOTICE

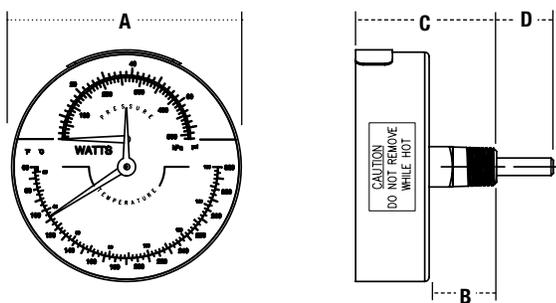
Inquire with governing authorities for local installation requirements

***The wetted surface of this product contacted by consumable water contains less than 0.25% of lead by weight.**

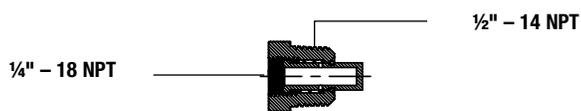
Watts product specifications in U.S. customary units and metric are approximate and are provided for reference only. For precise measurements, please contact Watts Technical Service. Watts reserves the right to change or modify product design, construction, specifications, or materials without prior notice and without incurring any obligation to make such changes and modifications on Watts products previously or subsequently sold.



Dimensions – Weights



Center Back Mount
DPTG3



1/2" DPG-VR retaining valve
included with gauge as indicated in table.

	MODEL	SCALE		TEMP. RANGE		INCLUDES VR RETAINING VALVE	SIZE	DIMENSIONS								WEIGHT	
		psi	kPa	°F	°C			A		B		C		D		lbs.	kgs
								in.	mm	in.	mm	in.	mm	in.	mm		
LEAD FREE	LFDPTG3-2½	0 – 50psi	340 kPa	60 – 320	15-160	Y	½	2½	64	1	25	1½ ¹⁵ / ₁₆	49	7 ⁷ / ₈	23	.5	13
	LFDPTG3-2½	0 – 75psi	520 kPa	60 – 320	15-160	Y	½	2½	64	1	25	1½ ¹⁵ / ₁₆	49	7 ⁷ / ₈	23	.5	13
	LFDPTG3-2½	0 – 200psi	1379 kPa	60 – 320	15-160	Y	½	2½	64	1	25	1½ ¹⁵ / ₁₆	49	7 ⁷ / ₈	23	.5	13
	LFDPTG3-2½	0 – 75psi	520 kPa	60 – 320	15-160	N	¼	2½	64	1	25	1½ ¹⁵ / ₁₆	49	7 ⁷ / ₈	23	.5	13
	LFDPTG3-3	0 – 50psi	340 kPa	60 – 320	15-160	Y	½	3	76	1	25	1½ ¹⁵ / ₁₆	49	7 ⁷ / ₈	23	.5	13
	LFDPTG3-3	0 – 200psi	1379 kPa	60 – 320	15-160	Y	½	3	76	1	25	1½ ¹⁵ / ₁₆	49	7 ⁷ / ₈	23	.5	13
	LFDPTG3A-2½	0 – 75psi	520 kPa	60 – 320	15-160	N	¼	2½	64	1	25	1½ ¹⁵ / ₁₆	49	2	51	.5	13
	LFDPTG3A-3	0 – 75psi	520 kPa	60 – 320	15-160	N	¼	3	76	1	25	1½ ¹⁵ / ₁₆	49	2	51	.5	13
	LFDPTG3L-2½	0 – 75psi	520 kPa	60 – 320	15-160	N	¼	2½	64	2	51	3 ¹⁵ / ₁₆	100	1	25	.5	13
	LFDPTG3L-3	0 – 75psi	520 kPa	60 – 320	15-160	N	¼	3	76	2	51	3 ¹⁵ / ₁₆	100	1	25	.5	13



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