



**COMPONENT-MATERIAL
SPECIFICATION**

Part No.	800-600-SUF(30-31)
Ref. Code	805
U.O.M.	EA
Engg. Ref.	AP/AC/CH

Part Description : LIQ. FILLED PRESSURE GAUGE 2.5" DIAL [STAINLESS STEEL]

TTTT1-1

CASE (MATERIAL) : STAINLESS STEEL 304
APPLICATION : AIR CONDITIONING EQUIPMENT (REFRIGERANT-R134a/ R-22)
ACCURACY : ASME B40.1 , GRADE B, 2%

SUF No.	RE V. No.	VENDOR	MADE	VENDOR P/N	DIAL	RANGE	USAGE	CONNECTION SIZE/SIDE
30	04	McDANIEL	USA	J6ZU (LIQ. FILLED)	2.5"	30" IN Hq (VAC) TO 300 PSI	SUCTION/ OIL PRESSURE	1/4" NPT/ CENTER BACK/U CLAMP BRASS INTERNALS
		ESSENTEC	CHINA	020070001	2.438"			
31	04	McDANIEL	USA	J6IU (LIQ. FILLED)	2.5"	0 TO 600 PSI	DISCHARGE PRESSURE	1/4" NPT/ CENTER BACK/U CLAMP BRASS INTERNALS
		ESSENTEC	CHINA	020070002	2.468"			

1. GAUGES TO WITHSTAND HIGH AMBIENT CONDITIONS (175°F MIN.)
2. OPERATING TEMPERATURE: HIGH SIDE = 300°F MIN. [800-600-31]
LOW SIDE = 100°F MIN. [800-600-30]
3. TEST REPORT & CERTIFICATE OF CONFORMANCE TO SPECIFICATION TO BE ISSUED FOR EACH PURCHASE ORDER.
4. GAUGES SHOULD WITHSTAND HARSH TROPICAL ENVIRONMENT [DESERT]

ALL DIMENSIONS ARE IN mm (BRACKET DIMENSIONS ARE IN INCHES)				SHEET 1 of 2		SCALE : N.T.S	
Tolerance: : Unless noted (±) : fraction 1/32" ; Decimal 0.031				WRITER	AL-ALI HUSAIN		
				INITIATOR	JAWAD		
				ENG. CHECK	J.USMANI		
				VERIFIED	ASIF PASHA		
04	NSE#090311 & 312			HUSAIN	23-04-11	APPROVED	Moh'd Al Sayyed
03	1/4"NPT WS 1/2" FLARE			RIAZ.	18-11-00	Issue Date	29-06-2000
REV	Revision Details			Designer	Rev.Date	File Ref.	Ziicnas\Eng-Specs\800\60030-31

Part No.	800-600-SUF(30-31)
Ref. Code	805
U.O.M.	EA
Engg. Ref.	AP/AC/CH

Part Description : LIQ. FILLED PRESSURE GAUGE 2.5" DIAL [STAINLESS STEEL]



McDANIEL

TTTT1-2

Liquid Filled, Stainless Steel Case Utility Gauges

"For the price-conscious buyer . . .

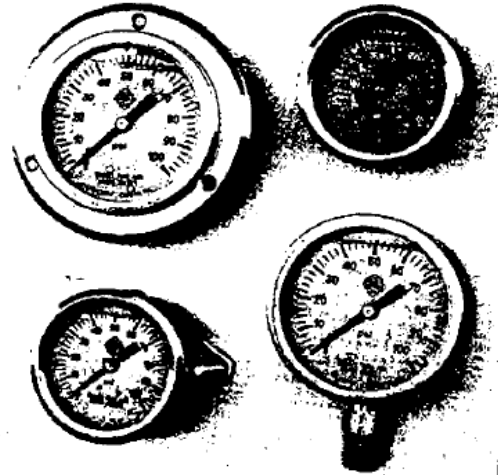
McDaniel utility gauges are designed for the price-conscious buyer and user who have an emphasis on maintaining quality and accuracy in a general purpose gauge.

Our utility line offers trusted McDaniel quality in an economical package. Special consideration given to rigorous McDaniel standards for durability, accuracy, and quality of construction.

Our Series 6: Glycerin filled, stainless steel case utility gauges with brass internals. Designed for applications with a corrosive atmosphere and where pulsation and/or vibration are present.

Standard features include a restrictor screw (removable) in the inlet port for pulsation dampening.

. . . and quality user."



SPECIFICATIONS

Accuracy:

ASME B40.1 standard Grade B (3 - 2 - 3%)

Dial:

White enameled aluminum. Black figures.

Case:

304 Stainless steel

Pointer:

Black enameled aluminum.

Lens:

Polycarbonate.

Precision Movement

Brass.

Bourdon Tube:

Copper alloy (C Form 600 PSI & Below).

Phosphorous bronze (Spiral 800 PSI & Above).

Temperature Utilization:

-4 + 176 degrees Fahrenheit.

-20 + 80 degrees Celsius.

Pressure Utilization:

Static: 75% maximum scale.

Dynamic: 66% maximum scale.

Stem and Socket:

Brass. Restrictor screw standard.

T6 = 1/4" NPT (1/8" special order available)

T6 = 1/4" or 1/8" NPT available

Dial Sizes / Ranges Available

2" - (T6) / Vac. Comp. Rec 3-15. up to 15,000 psi

2 1/2" - (T6) / Vac. Comp. Rec 3-15. up to 15,000 psi

Configurations Available:

Bottom connected standard

(L) = Center-back connected

(U) = U-Clamp mounted. Center-back connected

(P) = Front Flange. Center-back connected

McDaniel Controls, Inc.

2 of 3

P. O. Box 187, Luling, LA 70070 • Highway 90 West, Paradis, LA 70080 U.S.A.
(504) 758-2782 • New Orleans (504) 467-1333 • Fax (504) 758-1688

ALL DIMENSIONS ARE IN mm (BRACKET DIMENSIONS ARE IN INCHES)				SHEET 2 of 2		SCALE : N.T.S	
Tolerance: : Unless noted (±) : fraction 1/32" ; Decimal 0.031				WRITER	AL-ALI HUSAIN		
				INITIATOR	JAWAD		
				ENG. CHECK	J.USMANI		
				VERIFIED	ASIF PASHA		
04	NSE#090311 & 312	HUSAIN	23-04-11	APPROVED	Moh'd Al Sayyed		
03	1/4"NPT WS 1/4" FLARE	RIAZ.	18-11-00	Issue Date	29-06-2000		
REV	Revision Details		Designer	Rev.Date	File Ref.	Ziicnas\Eng-Specs\800\60030-31	