



REFRIGERATION

RANCO



O10-1402



O16-528-081

PRESSURE CONTROLS

O Series - Single Low Pressure Controls

The Ranco® O Series Single Low Pressure Controls offer a variety of pressure ranges and switch action to provide maximum application flexibility.

Features and Benefits

- Controls available for most refrigerant types
- High-amp rated switch (SPST) design (O10-1402/O10-1483)
- Super Cap® capillary vibration protection system
- Non-conductive front cover with captive screw
- Adjustable differential and range
- Easy-to-read scale plate
- Vibration cone (absorbs and reduces vibration away from brazed joint)
- Low mass copper alloy capillary tube (reduces capillary stress caused by equipment vibration)

The O16-624 control has additional features:

- Compatible with refrigerants 134A, 401A, 401B, 402A, 402B, 403A, 403B and 404A
- Originally designed for use with obsolete refrigerants R12, R22, R500 and R502
- CAP included on all Australia temperature controls. Optional for all other regions.

Specifications

Part Numbers	Description	Reset	Switch	Pressure Range PSI (bar)	Differential PSI (bar)	Pressure Connection	Capillary Length Inches (meters)	Replaces
O10-1402	Low Pressure Control	Auto	SPST	12" Hg to 50 (0.4 to 3.5)	5 to 35 (0.3 to 2.4)	1/4" SAE Flare Nut	36" (0.9m)	
O10-1483	Low Pressure Control	Auto	SPST	10" Hg to 100 (0.3 to 7)	10 to 40 (1 to 3)	1/4" SAE Flare Nut	36" (0.9m)	
O16-107 O16-107-057 (EU)	Low Pressure Control	Auto	SPDT	10" Hg to 100 (0.3 to 7)	10 to 40 (1 to 3)	1/4" SAE Flare Nut	NA	Johnstone P70AB-1
O16-527	Low Pressure Control	Auto	SPDT	10" Hg to 100 (0.3 to 7)	10 to 40 (1 to 3)	1/4" SAE Flare Nut	36" (0.9m)	
O16-528 O16-528-081 (EU)	Low Pressure Control	Auto	SPDT	10" Hg to 100 (0.3 to 7)	10 to 40 (1 to 3)	Male Connection 7/16" - 20 UNF for a 1/4" Female Flare	NA	O16-H6703-101
O16-706 (ANZ)	Low Pressure Control	Auto	SPDT	-30 to 700 kPa	60 to 275 kPa	1/4" SAE Flare Male (color dark)	NA	O16-528 O16-6706 O16-8706
O16-713 (ANZ)	Low Pressure Control	Auto	SPDT	-30 to 700 kPa	60 to 300 kPa	1/4" SAE Flare Female (color gold)	36" (0.9m)	O16-529 O16-8713 O16-6713
O16-585-000 (EU)	Low Pressure Control	Manual	SPDT	10" Hg to 100 (0.3 to 7)	10 (1) Fixed	1/4" SAE Flare Nut	NA	
O16-624	Low Pressure Control	Auto	SPDT	12" Hg to 80 (0.4 to 5.5)	5 to 38 (0.3 to 2.6)	1/4" SAE Flare Nut	36" (0.9m)	
O16-638 O16-638-081 (EU)	Low Pressure Control	Manual	SPDT	10" Hg to 100 (0.3 to 7)	9 (0.6) Fixed	Male Connection 7/16" - 20 UNF for a 1/4" Female Flare	NA	O16-H6705-101
O16-705 (ANZ)	Low Pressure Control	Manual	SPDT	-30 to 700 kPa	60 kPa Fixed	1/4" SAE Flare Male	NA	O16-638 O16-8705 O16-6705



UL
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Listed
Product

RA
US
Recognized
Component

1 Year
Limited
Warranty

D30