



# REFRIGERATION

**RANCO**

## PRESSURE CONTROLS

### O Series - Dual Pressure

The Ranco® Dual Pressure Controls combine the functions of a single high-pressure limit control and a single low-pressure control in one unit with a single pole, single throw (SPST) switch.

### Features and Benefits

- Convertible feature allows selection of manual or reset function when operating at high pressure (O12-4833/O12-4834)
- A wide range of high-pressure manual or automatic reset controls can be replaced (O12-4833 or O12-4834)
- A high-pressure limit is combined with suction pressure sensing to provide temperature control and/or pumpdown
- High-limit adjustment screw
- Low-pressure differential and range adjusting screws
- Selector screw for manual or automatic
- Reset button
- Low-pressure scale plate
- High-impact plastic cover with center mount screw
- High-pressure scale plate
- Super Cap® capillary protection system
- Color-coded for easy identification of pressure line
- High-side capillary flare nut (silver)
- Low-side capillary flare nut (brass)
- Cap included on all Australia temperature controls. Optional for all other regions.



O12-1506



O12-1550-081

### Specifications

Part Numbers	Description	Switch	Low Reset	Low Cut-In	Low Differential	High Reset	High Cut-Out	Pressure Connection	Capillary Length	Replaces
O12-1502 (NA)	Dual Pressure Control	SPST	Auto	12" Hg to 50 PSI (0.4 to 3.5 bar)	5 to 35 PSI (0.3 to 2.4 bar)	Auto	150 to 450 PSI (10 to 31 bar)	1/4" SAE Flare Nut	36" (0.9m)	
O12-1506 (NA)	Dual Pressure Control	SPST	Auto	12" Hg to 50 PSI (0.4 to 3.5 bar)	5 to 35 PSI (0.3 to 2.4 bar)	Auto	100 to 250 PSI (7 to 17 bar)	1/4" SAE Flare Nut	36" (0.9m)	
O12-1549 (NA) O12-1549-000 (EU, SA)	Dual Pressure Control	SPST	Auto	10" Hg to 100 PSI (0.3 to 7 bar)	10 to 40 PSI (1 to 3 bar)	Auto	150 to 450 PSI (10 to 31 bar)	1/4" SAE Flare Nut	36" (0.9m)	
O12-1549-080 (ANZ, EU, SA)	Dual Pressure Control	SPST	Auto	10" Hg to 100 PSI (0.3 to 7 bar)	10 to 40 PSI (1 to 3 bar)	Auto	150 to 450 PSI (10 to 31 bar)	1/4" SAE Flare Nut	36" (0.9m)	
O12-1550-081 (EU, SA)	Dual Pressure Control	SPST	Auto	10" Hg to 100 PSI (0.3 to 7 bar)	11 to 40 PSI	Auto	150 to 450 PSI (10 to 31 bar)	1/4" SAE Flare Nut	NA	



**UL** LISTED  
Listed Product

**RA** US  
Recognized Component



## Specifications

Part Numbers	Description	Switch	Low Reset	Low Cut-In	Low Differential	High Reset	High Cut-Out	Pressure Connection	Capillary Length	Replaces
012-4154 (NA) 012-4154-081 (EU, SA)	Dual Pressure Control	SPST	Manual	10" Hg to 100 PSI (0.3 to 7 bar)	10 PSI (1 bar) Fixed	Manual	150 to 450 PSI (10 to 31 bar)	Male Connection 7/16" - 20 UNF for a 1/4" Female Flare	NA	017-H6703-101 017-H4703-101
017-703 (ANZ)	Dual Pressure Control	SPDT	Manual	-30 to 700 kPa	60 kPa Fixed	Manual	1000 to 3000 kPa	1/4" SAE Flare Male Low-color dark High-color silver	NA	Low: 017-8703 012-5002 High: 017-H6703 012-4154
012-4833 (NA)	Dual Pressure Control	SPST	Auto	12" Hg to 50 PSI (0.4 to 3.5 bar)	5 to 35 PSI (0.3 to 2.4 bar)	Convertible	150 to 450 PSI (10 to 31 bar)	1/4" SAE Flare Nut	48" (1.2m)	
012-4834 (NA)	Dual Pressure Control	SPST	Auto	10" Hg to 100 PSI (0.3 to 7 bar)	10 to 40 PSI (1 to 3 bar)	Convertible	150 to 450 PSI (10 to 31 bar)	1/4" SAE Flare Nut	48" (1.2m)	
012-4860 (NA) 012-4860-081 (EU, SA)	Dual Pressure Control	SPST	Auto	10" Hg to 100 PSI (0.3 to 7 bar)	10 to 40 PSI (1 to 3 bar)	Convertible	150 to 450 PSI (10 to 31 bar)	Male Connection 7/16" - 20 UNF for a 1/4" Female Flare	NA	017-H4705-101 017-H6705-101
017-705 (ANZ)	Dual Pressure Control	SPDT	Auto	-30 to 700 kPa	60 to 300 kPa	Auto/Convertible	1000 to 3000 kPa	1/4" SAE Flare Male Low-color dark High-color silver	NA	Low: 017-8705 012-5003 High: 017-H6705 012-4860
012-4900 (NA) 012-4900-081 (EU, SA)	Dual Pressure Control	SPST	Auto	10" Hg to 100 PSI (0.3 to 7 bar)	10 to 40 PSI (1 to 3 bar)	Auto	150 to 450 PSI (10 to 31 bar)	Male Connection 7/16" - 20 UNF for a 1/4" Female Flare	NA	017-H6701-101
017-701 (ANZ)	Dual Pressure Control	SPDT	Auto	-30 to 700 kPa	60 to 300 kPa	Auto	1000 to 3000 kPa	1/4" SAE Flare Male Low-color dark High-color silver	NA	Low: 017-8701 012-5502 High: 017-H6701 012-4900
012-4902 (NA)	Dual Pressure Control	SPST	Auto	10" Hg to 100 PSI (0.3 to 7 bar)	10 to 40 PSI (1 to 3 bar)	Auto	145 to 435 PSI (10 to 30 bar)	1/4" SAE Flare Nut	36" (0.9m)	017-8711
017-711 (ANZ)	Dual Pressure Control	SPDT	Auto	-30 to 700 kPa	60 to 300 kPa	Auto	1000 to 3000 kPa	1/4" SAE Flare Male Low-color dark High-color silver	36" (0.9m)	Low: 017-8711 012-5503 High: 017-H6711 012-4902
012-5501-080 (EU, SA)	Dual Pressure Control	SPST	Auto	10" Hg to 100 PSI (0.3 to 7 bar)	9 to 57 PSI (0.6 to 3.9 bar)	Auto	100 to 435 PSI (7 to 30 bar)	Male Connection 7/16" - 20 UNF for a 1/4" Female Flare	NA	206-00231-003
012-5500-080 (EU, SA)	Dual Pressure Control	SPDT	Auto	10" Hg to 100 PSI (0.3 to 7 bar)	9 to 57 PSI (0.6 to 3.9 bar)	Auto	100 to 435 PSI (7 to 30 bar)	Male Connection 7/16" - 20 UNF for a 1/4" Female Flare	NA	206-00231-003
012-5001-080 (EU, SA)	Dual Pressure Control	SPDT	Manual	10" Hg to 100 PSI (0.3 to 7 bar)	9 PSI (0.6 bar) Fixed	Manual	100 to 435 PSI (7 to 30 bar)	Male Connection 7/16" - 20 UNF for a 1/4" Female Flare	NA	206-00231-002
012-5000-080 (EU, SA)	Dual Pressure Control	SPDT	Auto	10" Hg to 100 PSI (0.3 to 7 bar)	9 to 57 PSI (0.6 to 3.9 bar)	Manual	100 to 435 PSI (7 to 30 bar)	1/4" SAE Male Flare Fitting	NA	206-00231-001