

O SERIES DUAL PRESSURE CONTROLS

The Ranco® O Series Dual Pressure Controls combine the functions of a single high-pressure limit control and a single low-pressure control in one unit.

Features and Benefits

- Convertible feature allows selection of manual or reset function when operating at high pressure
- Replaces wide range of high-pressure manual or automatic reset controls
- High-pressure limit is combined with suction pressure sensing to provide temperature control and/or pump down
- High-limit adjustment screw
- Low-pressure differential and range adjusting screws
- Selector screw for manual or automatic
- Reset button on manual controls
- Low-pressure and high-pressure scale plate
- High-impact plastic cover with center mount screw
- 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
- Compatible with most refrigerants including 134A, 401A, 401B, 402A, 402B, 403A, 403B and 404A
- Cap included on all Australian controls. Cap is optional on controls for all other regions
- Agency Certifications:
 - UL
 - CE models O12 and O16
 - IP44 rated for all Australian controls
 - IP44 rated for EMEA and South American controls with optional cover



Specifications

Part Number	Description	Switch	Low Reset	Low Cut-In	Low Differential	High Reset	High Cut-Out	High Differential	Pressure Connection	Capillary Length	Replaces	IP44 Cover Part Number
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)	70 PSI (5 bar) Fixed	1/4" SAE Flare Nut	36" (0,9m)		NA
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)	50 PSI (3,5 bar) Fixed	1/4" SAE Flare Nut	36" (0,9m)		NA
O12-1549 (NA) O12-1549-000 (EMEA, 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)	70 PSI (5 bar) Fixed	1/4" SAE Flare Nut	36" (0,9m)		NA
O12-1550-081 (EMEA, 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)	70 PSI (5 bar) Fixed	Male Connection 7/16" - 20 UNF for a 1/4" Female Flare	NA		206-00231-003



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Specifications

Part Numbers	Description	Switch	Low Reset	Low Cut-In	Low Differential	High Reset	High Cut-Out	High Differential	Pressure Connection	Capillary Length	Replaces	IP44 Cover Part Numbers
O12-4154 (NA) O12-4154-081 (EMEA, 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)	70 PSI (5 bar) Fixed	Male Connection 7/16" - 20 UNF for a 1/4" Female Flare	NA	NA	206-00231-002
O12-4833 (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)	Manual/ Auto (Convertible)	150 to 450 PSI (10 to 31 bar)	70 PSI (5 bar) Fixed	1/4" SAE Flare Nut	48" (1,2m)	NA	206-00231-001
O12-4834 (NA)	Dual Pressure Control	SPST	Auto	10" Hg to 100 PSI (0,3 to 7 bar)	10 to 40 PSI (1 to 3 bar)	Manual/ Auto (Convertible)	150 to 450 PSI (10 to 31 bar)	70 PSI (5 bar) Fixed	1/4" SAE Flare Nut	48" (1,2m)	NA	206-00231-001
O12-4860 (NA) O12-4860-081 (EMEA, SA)	Dual Pressure Control	SPST	Auto	10" Hg to 100 PSI (0,3 to 7 bar)	10 to 40 PSI (1 to 3 bar)	Manual/ Auto (Convertible)	150 to 450 PSI (10 to 31 bar)	70 PSI (5 bar) Fixed	Male Connection 7/16" - 20 UNF for a 1/4" Female Flare	NA	O17-H4705-101 O17-H6705-101	206-00231-001
O12-4900 (NA) O12-4900-081 (EMEA, 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)	70 PSI (5 bar) Fixed	Male Connection 7/16" - 20 UNF for a 1/4" Female Flare	NA	O17-H6701-101	206-00231-003
O12-4902 (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)	70 PSI (5 bar) Fixed	1/4" SAE Flare Nut	36" (0,9m)	O17-8711	206-00231-003
O12-4900-091 (ANZ)	Dual Pressure Control	SPST	Auto	-30 to 700 kPa	60 to 300 kPa	Auto	1000 to 3000 kPa	350 kPa Fixed	Male Connection 7/16" - 20 UNF for a 1/4" Female Flare	NA	O17-8701	206-00231-003
O12-4154-091 (ANZ)	Dual Pressure Control	SPST	Manual	-30 to 700 kPa	60 kPa Fixed	Manual	1000 to 3000 kPa	350 kPa Fixed	Male Connection 7/16" - 20 UNF for a 1/4" Female Flare	NA	O17-8703	206-00231-002
O12-4860-091 (ANZ)	Dual Pressure Control	SPST	Auto	-30 to 700 kPa	60 to 300 kPa	Manual/ Auto (Convertible)	1000 to 3000 kPa	350 kPa Fixed	Male Connection 7/16" - 20 UNF for a 1/4" Female Flare	NA	O17-8705	206-00231-001
O12-4902-091 (ANZ)	Dual Pressure Control	SPST	Auto	-30 to 700 kPa	60 to 300 kPa	Auto	1000 to 3000 kPa	350 kPa Fixed	1/4" SAE Flare Nut	920mm	O17-8711	206-00231-003
O12-5501-080 (EMEA, 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)	50 PSI Fixed	Male Connection 7/16" - 20 UNF for a 1/4" Female Flare	NA	O17-H4703-101	206-00231-003
O12-5502-091 (ANZ)	Dual Pressure Control	SPDT	Auto	-30 to 700 kPa	60 to 300 kPa	Auto	1000 to 3000 Kpa	350 kPa Fixed	Male Connection 7/16" - 20 UNF for a 1/4" Female Flare	NA	NA	206-00231-003
O12-5002-091 (ANZ)	Dual Pressure Control	SPDT	Manual	-30 to 700 kPa	60 kPa Fixed	Manual	1000 to 3000 kPa	350 kPa Fixed	Male Connection 7/16" - 20 UNF for a 1/4" Female Flare	NA	NA	206-00231-002
O12-5003-091 (ANZ)	Dual Pressure Control	SPDT	Auto	-30 to 700 kPa	60 to 300 kPa	Manual/ Auto (Convertible)	1000 to 3000 kPa	350 kPa Fixed	Male Connection 7/16" - 20 UNF for a 1/4" Female Flare	NA	NA	206-00231-001
O12-5503-091 (ANZ)	Dual Pressure Control	SPDT	Auto	-30 to 700 kPa	60 kPa to 300 kPa	Auto	1000 to 3000 kPa	350 kPa Fixed	NA	900mm	NA	206-00231-003
O12-5500-080 (EMEA, 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)	50 PSI (3,5 bar) Fixed	Male Connection 7/16" - 20 UNF for a 1/4" Female Flare	NA	O17-H4701-101	206-00231-003
O12-5001-080 (EMEA, SA)	Dual Pressure Control	SPDT	Manual	10" Hg to 100 PSI (0,3 to 7 bar)	9 PSI Fixed (0,6 to 3,9 bar)	Manual	100 to 435 PSI (7 to 30 bar)	50 PSI (3,5 bar) Fixed	Male Connection 7/16" - 20 UNF for a 1/4" Female Flare	NA	O17-H4703-101	206-00231-002
O12-5000-080 (EMEA, 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)	50 PSI (3,5 bar) Fixed	1/4" SAE Male Flare Fitting	NA	O17-H4705-101	206-00231-001

Legend for regions: ANZ - Australia/New Zealand; EMEA - Europe, Middle East, Asia; NA - North America; SA - South America