



TEMPERATURE Controls

Product #	Range	Diff.	Switch	Capillary	Bulb	Cover	Notes
Ranco ETC111000-000	-30/220F	1/30F ADJ	SPDT	96" LEAD	0.5X2	NEMA 1	
PENN A419ABC-1C	-30/212F	1/30F ADJ	SPDT	78" LEAD	0.5X2	NEMA 1	(14)
Ranco 3130-101	35/45F	12F FXD	OPEN LO	NONE	240"	NEMA 1	
PENN A11B-1C	35/45F	12F FXD	OPEN LO	48"	240"	NEMA 1	
Ranco 3130-201	35/45F	MANUAL	OPEN LO	NONE	240"	NEMA 1	
PENN A11A-1C	35/45F	MANUAL	OPEN LO	48"	240"	NEMA 1	
Ranco 3311-651	37F FXD	MANUAL	OPEN LO	180"	0.5X4.25	NEMA 1	
PENN A70BA-17C	35/80F ADJ	MANUAL	OPEN LO	72"	3/8X3	NEMA 1	
Ranco 3311-701	30F FXD	15F FXD	OPEN LO	120"	3/8X6.5	NEMA 1	
PENN A70AA-15C	-10/65F ADJ	4/40F ADJ	OPEN LO	72"	3/8X3	NEMA 1	
Ranco A22-2237	41F FXD	6F FXD	OPEN HI	NONE	48"	NEMA 1	
PENN A11E-6C	35/45F	12F FXD	SPDT	48"	240"	NEMA 1	
Ranco O10-1010	0/55F	7/55F ADJ	OPEN LO	NONE	48"	NEMA 1	
PENN A11B-1C	35/45F	12F FXD	OPEN LO	48"	240"	NEMA 1	
Ranco O10-1409	0/55F	3/20F ADJ	OPEN LO	72"	YES	NEMA 1	
PENN A19ABA-1C	-30/50F	5/20F ADJ	OPEN LO	72"	3/8X4	NEMA 1	(1)
Ranco O10-1410	25/75F	3/20F ADJ	OPEN LO	72"	YES	NEMA 1	
PENN A19ABA-4C	20/80F	3.5/14F ADJ	OPEN LO	72"	3/8X5	NEMA 1	(1)
Ranco O10-1416	0/55F	3/20F ADJ	OPEN LO	NONE	72"	NEMA 1	
PENN A11B-1C	35/45F	12F FXD	OPEN LO	48"	240"	NEMA 1	
Ranco O10-1418	0/55F	3/20F ADJ	OPEN LO	NONE	COILED	NEMA 1	
PENN A19BBA-1C	-30/50F	5/20F ADJ	OPEN LO	NONE	COILED	NEMA 1	(1)
Ranco O10-1473	0/55F	7/55F ADJ	OPEN LO	72"	YES	NEMA 1	
PENN A19ABA-1C	-30/50F	5/20F ADJ	OPEN LO	72"	3/8X4	NEMA 1	(1)
Ranco O10-1490	0/55F	2F FXD	OPEN LO	72"	YES	NEMA 1	
PENN A19ABA-1C	-30/50F	5/20F ADJ	OPEN LO	72"	3/8X4	NEMA 1	(1)
Ranco O10-1491	25/75F	2F FXD	OPEN LO	72"	YES	NEMA 1	
PENN A19ABA-4C	20/80F	3.5/14F ADJ	OPEN LO	72"	3/8X5	NEMA 1	(1)
Ranco O10-1802	25/75F	3/20F ADJ	OPEN LO	NONE	COILED	NEMA 1	
PENN A19BAC-1C	30/110F	3.5F FXD	SPDT	NONE	COILED	NEMA 1	(1)
Ranco O10-301	30/95F	2F FXD	OPEN LO	NONE	COILED	NEMA 1	
PENN A19BAA-5C	30/110F	3.5F FXD	OPEN LO	NONE	COILED	NEMA 1	(1)
Ranco O16-104	0/55F	3/20F ADJ	SPDT	72"	YES	NEMA 1	
PENN A19ABC-24C	-30/100F	3/12F ADJ	SPDT	96"	3/8X4	NEMA 1	(1)
Ranco O16-111	0/55F	3/20F ADJ	SPDT	NONE	72"	NEMA 1	
PENN A11E-6C	35/45F	12F FXD	SPDT	48"	240"	NEMA 1	
Ranco O16-165	30/90F	2.5F FXD	SPDT	NONE	COILED	NEMA 1	
PENN A19BAC-1C	30/110F	3.5F FXD	SPDT	NONE	COILED	NEMA 1	(1)
Ranco O16-263	0/55F	MANUAL	SPDT	72"	YES	NEMA 1	
PENN A19ACC-6C	-30/100F	MANUAL	SPDT	72"	3/8X4	NEMA 1	
PENN A70BA-17C	35/80F	MANUAL	OPEN LO	72"	3/8X3	NEMA 1	(12)
Ranco O16-264	0/55F	MANUAL	SPDT	NONE	96"	NEMA 1	
PENN A11D-1C	35/45F	MANUAL	SPDT	48"	240"	NEMA 1	
PENN A70BA-18C	15/55F	MANUAL	OPEN LO	NONE	240"	NEMA 1	(12)
Ranco O16-588	-15/40F	1.5F FXD	SPDT	NONE	72"	NEMA 1	
PENN A11E-6C	35/45F	12F FXD	SPDT	48"	240"	NEMA 1	(1)
PENN A70AA-16C	15/55F	5F FXD	OPEN LO	NONE	240"	NEMA 1	
Ranco O16-594	0/55F	2F FXD	SPDT	NONE	COILED	NEMA 1	
PENN A19BBC-2C	-30/100F	3/12F ADJ	SPDT	NONE	COILED	NEMA 1	(1)
Ranco O16-595	50/100F	3/20F ADJ	SPDT	96"	3/8X6	NEMA 1	
PENN A19ABC-4C	50/130F	3.5/14F ADJ	SPDT	96"	3/8X5	NEMA 1	(1)
Ranco O16-601	22.5/47.5F	2.5F FXD	SPDT	36"	3/8X6	NEMA 1	
PENN A19ABC-2C	20/80F	3.5/14F ADJ	SPDT	72"	3/8X5	NEMA 1	(1)
PENN A70AA-15C	-10/65F ADJ	10F FXD	OPEN LO	72"	3/8X3	NEMA 1	(12)
Ranco O20-7041	0/100F	6/20F ADJ	DPST OPEN LO	96"	3/8X6	NEMA 1	
PENN A72AA-3C	50/90F	ADJ	DPST OPEN LO	72"	11/16X6 3/4	NEMA 1	
PENN A72AA-2C	15/55F	ADJ	DPST OPEN LO	72"	3/8X3	NEMA 1	
Ranco O52-6910	30/95F	2F FXD	SPDT	NONE	COILED	NEMA 4X	
PENN A19PRC-1C	30/110F	3/12F ADJ	SPDT	NONE	COILED	NEMA 4X	
Ranco O60-100	-35/95F	4/50F ADJ	SPDT	96"	3/8X6	NEMA 1	
PENN A19ABC-24C	-30/100F	3/12F ADJ	SPDT	96"	3/8X4	NEMA 1	(1)
Ranco O60-101	-35/95F	4/50F ADJ	SPDT	NONE	COILED	NEMA 1	
PENN A19BBC-2C	-30/100F	3/12F ADJ	SPDT	NONE	COILED	NEMA 1	(1)
Ranco O60-1072	-15/40F	3/20F ADJ	OPEN LO	NONE	COILED	NEMA 1	
PENN A19BBA-1C	-30/50F	5/20F ADJ	OPEN LO	NONE	COILED	NEMA 1	(1)
Ranco O60-120	-35/95F	4/50F ADJ	SPDT	240"	3/8X6	NEMA 1	
PENN A19ABC-36C	-30/100F	3/12F ADJ	SPDT	240"	3/8X4	NEMA 1	(1)

TEMPERATURE Controls, cont.

Product#	Range	Diff.	Switch	Capillary	Bulb	Cover	Notes
Ranco O60-1408	-15/40F	3/20F ADJ	OPEN LO	72"	YES	NEMA 1	
PENN A19ABA-1C	-30/50F	5/20F ADJ	OPEN LO	72"	3/8X4	NEMA 1	(1)
Ranco O60-200	95/240F	6/50F ADJ	SPDT	96"	3/8X6	NEMA 1	
PENN A19ABC-12C	100/240F	6/24F ADJ	SPDT	96"	.29X2.5	NEMA 1	(1)

DEFROST / FAN DELAY Temperature Controls

Ranco F25-107	40/75F	20F FXD	SPDT	60"	3/8X4	OPEN	
PENN A19ZBC-2C	45/85	25F ADJ	SPDT	72"	0.3X3.125	NEMA 1	(10)
Ranco F25-114	43/73F	24F FXD	SPDT	60"	3/8X4	OPEN	
PENN A19ZBC-2C	45/85	25F ADJ	SPDT	72"	0.3X3.125	NEMA 1	(10)



PRESSURE Controls

Product#	Range	Diff.	Switch	Capillary	Connection	Cover	Notes
Ranco 3126-116	7/125	25 FXD	SPDT	60"	SWEAT	OPEN	
PENN P20EB-1C	7/150	29/32 FXD	SPDT	36"	SWEAT	OPEN	(6)
Ranco 3126-117	7/27	12 FXD	SPDT	60"	SWEAT	OPEN	
PENN P70AB-2C	20"/100	7/50 ADJ	OPEN LO	36"	W/ FLARE	NEMA 1	(5)(4)
Ranco 3126-216	7/125	MANUAL	OPEN LO	60"	SWEAT	OPEN	
PENN P70BA-1C	20"/100	MANUAL	OPEN LO	36"	W/ FLARE	NEMA 1	(5)(4)
Ranco 3126-412	7/77	23/70	SPDT	60"	SWEAT	OPEN	
PENN P20EB-1C	7/150	29/32 FXD	SPDT	36"	SWEAT	OPEN	(6)
Ranco 3127-140	125/450	70 FXD	OPEN HI	60"	SWEAT	OPEN	
PENN P20EB-2C	100/425	60/77 FXD	SPDT	36"	SWEAT	OPEN	(6)
Ranco 3127-220	125/450	MANUAL	SPDT	60"	SWEAT	OPEN	
PENN P70DA-1C	50/450	MANUAL	OPEN HI	36"	W/ FLARE	NEMA 1	(5)(4)
Ranco 3127-414	150/450	70/125	SPDT	60"	SWEAT	OPEN	
PENN P20EB-2C	100/425	60/77 FXD	SPDT	36"	SWEAT	OPEN	(6)
Ranco 3160-012	5/110	25 FXD	SPDT	60"	SWEAT	OPEN	
PENN P20EB-1C	7/150	29/32 FXD	SPDT	36"	SWEAT	OPEN	(6)
Ranco 3160-014	5/125	25 FXD	OPEN LO	60"	SWEAT	OPEN	
PENN P20EB-1C	7/150	29/32 FXD	SPDT	36"	SWEAT	OPEN	(6)
Ranco 3160-212	5/110	MANUAL	OPEN LO	60"	SWEAT	OPEN	
PENN P70BA-1C	20"/100	MANUAL	OPEN LO	36"	W/ FLARE	NEMA 1	(5)(4)
Ranco 3160-406	5/125	12/50	SPDT	60"	SWEAT	OPEN	
PENN P20EB-1C	7/150	29/32 FXD	SPDT	36"	SWEAT	OPEN	(6)
Ranco 3161-002	200/475	75 FXD	OPEN HI	60"	SWEAT	OPEN	
PENN P20EB-2C	100/425	60/77 FXD	SPDT	36"	SWEAT	OPEN	(6)
Ranco 3161-003	200/475	110 FXD	OPEN HI	60"	SWEAT	OPEN	
PENN P20EB-2C	100/425	60/77 FXD	SPDT	36"	SWEAT	OPEN	(6)
Ranco 3161-004	200/475	50 FXD	OPEN HI	60"	SWEAT	OPEN	
PENN P20EB-2C	100/425	60/77 FXD	SPDT	36"	SWEAT	OPEN	(6)
Ranco 3161-009	125/285	50 FXD	SPDT	60"	SWEAT	OPEN	
PENN P20EB-2C	100/425	60/77 FXD	SPDT	36"	SWEAT	OPEN	(6)
Ranco 3161-201	200/475	MANUAL	SPDT	60"	SWEAT	OPEN	
PENN P70DA-1C	50/450	MANUAL	OPEN HI	36"	W/ FLARE	NEMA 1	(5)(4)
Ranco 3161-205	125/285	MANUAL	OPEN HI	60"	W/ FLARE	OPEN	
PENN P70DA-1C	50/450	MANUAL	OPEN HI	36"	W/ FLARE	NEMA 1	(5)
Ranco 3161-403	200/475	50/150	SPDT	60"	SWEAT	OPEN	
PENN P20EB-2C	100/425	60/77 FXD	SPDT	36"	SWEAT	OPEN	(6)
Ranco G20-4050	7/27	12 FXD	OPEN LO	60"	SWEAT	OPEN	
PENN P70AB-2C	20"/100	7/50 ADJ	OPEN LO	36"	W/ FLARE	NEMA 1	(5)(4)
Ranco G20-4051	7/77	19/70	OPEN LO	60"	SWEAT	OPEN	
PENN P20EB-1C	7/150	29/32 FXD	SPDT	36"	SWEAT	OPEN	(6)
Ranco G20-4412	7/70	MANUAL	OPEN LO	60"	SWEAT	OPEN	
PENN P70BA-1C	20"/100	MANUAL	OPEN LO	36"	W/ FLARE	NEMA 1	(5)(4)
Ranco G23-5052	150/450	50/125	OPEN HI	60"	SWEAT	OPEN	
PENN P20EB-2C	100/425	60/77 FXD	SPDT	36"	SWEAT	OPEN	(6)
Ranco G23-5253	150/450	MANUAL	OPEN HI	60"	SWEAT	OPEN	
PENN P70DA-1C	50/450	MANUAL	OPEN HI	36"	W/ FLARE	NEMA 1	(5)(4)
Ranco O10-1093	10"/100	10/40	OPEN LO	48"	W/ FLARE	NEMA 1	
PENN P70AB-2C	20"/100	7/50	OPEN LO	36"	W/ FLARE	NEMA 1	
Ranco O10-1401	12"/50	5/35	OPEN LO	NONE	MALE FLARE	NEMA 1	
PENN P170AB-12C	12"/80	5/35	OPEN LO	NONE	MALE FLARE	NEMA 1	
Ranco O10-1402	12"/50	535	OPEN LO	36"	W/ FLARE	NEMA 1	
PENN P70AB-12C	12"/80	5/35	OPEN LO	36"	W/ FLARE	NEMA 1	
Ranco O10-1483	10"/100	10/40	OPEN LO	36"	W/ FLARE	NEMA 1	
PENN P70AB-2C	20"/100	7/50	OPEN LO	36"	W/ FLARE	NEMA 1	
Ranco O10-1807	100/250	20/100	Open LO	None	Male Flare	NEMA 1	
PENN P70AA-151C	50/300	20/120	OPEN LO	NONE	MALE FLARE	NEMA 1	

PRESSURE Controls, cont.

Product#	Range	Diff.	Switch	Capillary	Connection	Cover	Notes
Ranco O10-1831	10"/100	10/40	OPEN LO	NONE	MALE FLARE	NEMA 1	
PENN P70AB-12C	12"/80	5/35	OPEN LO	36"	W/ FLARE	NEMA 1	
Ranco O10-1842	12"/50	5/35	OPEN LO	48"	W/ FLARE	NEMA 1	
PENN P70AB-12C	12"/80	5/35	OPEN LO	36"	W/ FLARE	NEMA 1	
Ranco O10-2000	100/250	20/100	OPEN LO	48"	W/ FLARE	NEMA 1	
PENN P70AA-3C	100/300	25/75	OPEN LO	36"	W/ FLARE	NEMA 1	
Ranco O10-2054	100/400	40/150	OPEN LO	36"	W/ FLARE	NEMA 1	
PENN P70AA-118C	100/400	35/200	OPEN LO	36"	W/ FLARE	NEMA 1	
Ranco O11-1711	150/450	40/150	OPEN HI	36"	W/ FLARE	NEMA 1	
PENN P70CA-3C	50/450	60/150	OPEN HI	36"	W/ FLARE	NEMA 1	
Ranco O11-1713	150/450	40/150	OPEN HI	NONE	MALE FLARE	NEMA 1	
PENN P70CA-2C	50/450	60/150	OPEN HI	NONE	MALE FLARE	NEMA 1	
Ranco O11-1799	10"/100	10/40	OPEN HI	NONE	MALE FLARE	NEMA 1	
PENN P170CA-1C	20"/100	6/70	OPEN HI	NONE	MALE FLARE	NEMA 1	
Ranco O11-3099	10"/100	10/40	OPEN HI	36"	W/ FLARE	NEMA 1	
PENN P70CA-1C	20"/100	6/70	OPEN HI	36"	W/ FLARE	NEMA 1	
Ranco O16-107	10"/100	10/40 ADJ	SPDT	NONE	MALE FLARE	NEMA 1	
PENN P70EA-10C	20"/100	5 FXD	SPDT	NONE	MALE FLARE	NEMA 1	
Ranco O16-120	12"/50	5/35 ADJ	SPDT	NONE	MALE FLARE	NEMA 1	
PENN P70EA-10C	20"/100	5 FXD	SPDT	NONE	MALE FLARE	NEMA 1	
Ranco O16-142	100/400	17 FXD	SPDT	36"	W/ FLARE	NEMA 1	
PENN P70EA-6C	100/300	14 FXD	SPDT	36"	SWEAT	NEMA 1	(4)
Ranco O16-166	50/150	10/40	SPDT	36"	W/ FLARE	NEMA 1	
PENN P70GA-2C	20"/100	7/50	NO/NC	36"	W/ FLARE	NEMA 1	(12)
Ranco O16-200	150/450	MANUAL	SPDT	48"	W/ FLARE	NEMA 1	
PENN P70KA-1C	50/450	MANUAL	NO/NC	36"	W/ FLARE	NEMA 1	(12)
Ranco O16-209	150/450	MANUAL	SPDT	NONE	MALE FLARE	NEMA 1	
PENN P170KA-1C	50/450	MANUAL	NO/NC	NONE	MALE FLARE	NEMA 1	(12)
Ranco O16-261	10"/100	MANUAL	SPDT	48"	W/ FLARE	NEMA 1	
PENN P70HA-2C	20"/100	MANUAL	NO/NC	36"	W/ FLARE	NEMA 1	(12)
Ranco O16-503	150/450	40/150	SPDT	NONE	MALE FLARE	NEMA 1	
PENN P70JA-18C	50/450	60/150	NO/NC	NONE	MALE FLARE	NEMA 1	(12)
Ranco O16-527	10"/100	10/40 ADJ	SPDT	36"	W/ FLARE	NEMA 1	
PENN P70EA-10C	20"/100	5 FXD	SPDT	NONE	MALE FLARE	NEMA 1	(3)
Ranco O16-557	12"/50	5/35 ADJ	SPDT	36"	W/ FLARE	NEMA 1	
PENN P70EA-10C	20"/100	5 FXD	SPDT	NONE	MALE FLARE	NEMA 1	(3)
Ranco O16-585	10"/100	MANUAL	SPDT	NONE	MALE FLARE	NEMA 1	
PENN P70HA-3C	20"/100	MANUAL	NO/NC	NONE	FEMALE NPT	NEMA 1	(4)(12)
Ranco O20-1894	100/400	40/150	OPEN LO	NONE	MALE FLARE	NEMA 1	
PENN P170AA-118C	100/400	35/200	OPEN LO	NONE	MALE FLARE	NEMA 1	
Ranco O20-7002	12"/50	5/35	DPST-LO	36"	W/ FLARE	NEMA 1	
PENN P72AA-1C	20"/100	7/50	DPST-LO	36"	W/ FLARE	NEMA 1	
Ranco O20-7006	100/400	40/150	DPST-LO	36"	W/ FLARE	NEMA 1	
PENN P72AA-27C	100/400	35/200	DPST-LO	36"	W/ FLARE	NEMA 1	

Product #	Cut-Out	Cut-In	Range	Switch	Electrical	Pressure	Notes
Ranco 3100-001	15	40	NONE	SPST	30" LEADS	1/4" SWEAT	
PENN P100AA-1C	10	40	NONE	SPST	48" LEADS	1/4" FEM. FLARE	
Ranco 3100-002	5	30	NONE	SPST	72" LEADS	1/4" FEM. FLARE	
PENN P20EB-1C	ADJ.	N/A	7/150	SPDT	ARKLES	36" CAP, SWEAT	(4)(5)(6)(7)(8)
Ranco 3100-003	20	45	NONE	SPST	72" LEADS	1/4" FEM. FLARE	
PENN P20EB-1C	ADJ.	N/A	7/150	SPDT	ARKLES	36" CAP, SWEAT	(4)(5)(6)(7)(8)
Ranco 3100-004	35	60	NONE	SPST	QC	1/4" FEM. FLARE	
PENN P100AA-2C	35	60	NONE	SPST	48" LEADS	1/4" FEM. FLARE	(8)
Ranco 3100-005	15" VAC	17.5	NONE	SPDT	QC	1/4" FEM. FLARE	
PENN P70AB-1C	ADJ.	N/A	20"/100	SPST	SCREW TERMS.	1/4" MALE FLARE	(4)(5)(7)(8)
Ranco 3100-006	48	80	NONE	SPDT	36" LEADS	1/4" SWEAT	
PENN P20EB-1C	ADJ.	N/A	7/150	SPDT	ARKLES	36" CAP, SWEAT	(4)(5)(6)(7)(8)
Ranco 3100-007	15	40	NONE	SPST	30" LEADS	1/4" FEM. FLARE	
PENN P100AA-1C	10	40	NONE	SPST	48" LEADS	1/4" FEM. FLARE	
Ranco 3100-009	0	20	NONE	SPST	QC	1/4" FEM. FLARE	
PENN P70AB-1C	ADJ.	N/A	20"/100	SPST	SCREW TERMS.	1/4" MALE FLARE	(4)(5)(7)(8)
Ranco 3100-010	45	70	NONE	SPDT	QC	1/4" FEM. FLARE	
PENN P20EB-1C	ADJ.	N/A	7/150	SPDT	ARKLES	36" CAP, SWEAT	(4)(5)(6)(7)
Ranco 3100-050	10	30	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P100AA-1C	10	40	NONE	SPST	48" LEADS	1/4" FEM. FLARE	
Ranco 3100-051	25	80	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P20EB-1C	ADJ.	N/A	7/150	SPDT	ARKLES	36" CAP, SWEAT	(4)(5)(6)(7)(8)
Ranco 3100-052	40	80	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P100AA-2C	35	60	NONE	SPST	48" LEADS	1/4" FEM. FLARE	
Ranco 3100-075	85	135	NONE	SPDT	QC	1/4" FEM. FLARE	
PENN P70AA-119C	ADJ.	N/A	50/300	SPST	SCREW TERMS.	1/4" FEM. FLARE	(5)(7)(8)(12)
Ranco 3100-076	108	135	NONE	SPST	QC	1/4" FEM. FLARE	
PENN P20EB-1C	ADJ.	N/A	7/150	SPDT	ARKLES	36" CAP, SWEAT	(4)(5)(6)(7)(12)
Ranco 3100-077	115	165	NONE	SPST	QC	1/4" FEM. FLARE	
PENN P170AA-118C	ADJ.	N/A	100/400	SPST	SCREW TERMS.	1/4" MALE FLARE	(4)(5)(7)(8)

PRESSURE Controls, cont.

Product #	Cut-Out	Cut-In	Range	Switch	Electrical	Pressure	Notes
Ranco 3100-078	135	185	NONE	SPDT	QC	1/4" FEM. FLARE	
PENN P170AA-118C	ADJ.	N/A	100/400	SPST	SCREW TERMS.	1/4" MALE FLARE	(4)(5)(7)(8)(12)
Ranco 3100-079	165	215	NONE	SPST	QC	1/4" FEM. FLARE	
PENN P100AA-4C	170	250	NONE	SPST	48" LEADS	1/4" FEM. FLARE	(8)
Ranco 3100-080	200	240	NONE	SPDT	QC	1/4" FEM. FLARE	
PENN P170AA-118C	ADJ.	N/A	100/400	SPST	SCREW TERMS.	1/4" MALE FLARE	(4)(5)(7)(8)(12)
Ranco 3100-081	250	300	NONE	SPDT	QC	1/4" FEM. FLARE	
PENN P170AA-118C	ADJ.	N/A	100/400	SPST	SCREW TERMS.	1/4" MALE FLARE	(4)(5)(7)(8)(12)
Ranco 3100-100	425	325	NONE	SPST	72" LEADS	1/4" FEM. FLARE	
PENN P100CA-2C	425	325	NONE	SPST	48" LEADS	1/4" FEM. FLARE	
Ranco 3100-101	400	300	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P100CA-1C	400	300	NONE	SPST	48" LEADS	1/4" FEM. FLARE	
Ranco 3100-102	220	170	NONE	SPST	QC	1/4" FEM. FLARE	
PENN P100CA-2C	425	325	NONE	SPST	48" LEADS	1/4" FEM. FLARE	(8)
Ranco 3100-103	410	MANUAL	NONE	SPST	42" LEADS	1/4" FEM. FLARE	
PENN P100DA-1C	410	MANUAL	NONE	SPST	48" LEADS	1/4" FEM. FLARE	
Ranco 3100-104	420	MANUAL	NONE	SPST	48" LEADS	1/4" FEM. FLARE	
PENN P70DA-1C	ADJ.	MANUAL	50/450	SPST	SCREW TERMS.	36" CAP, FLARE	(4)(5)(7)(8)
Ranco 3100-105	440	MANUAL	NONE	SPST	36" LEADS	.093 CAP. TUBE	
PENN P70DA-1C	ADJ.	MANUAL	50/450	SPST	SCREW TERMS.	36" CAP, FLARE	(4)(5)(7)(8)
Ranco 3100-106	475	MANUAL	NONE	SPST	42" LEADS	1/4" SWEAT W/ CAP.	
PENN P100DA-2C	475	MANUAL	NONE	SPST	48" LEADS	1/4" FEM. FLARE	(4)
Ranco 3100-107	232	MANUAL	NONE	SPST	84" LEADS	1/4" FEM. FLARE	
PENN P70DA-1C	ADJ.	MANUAL	50/450	SPST	SCREW TERMS.	36" CAP, FLARE	(4)(5)(7)(8)
Ranco 3100-108	280	MANUAL	NONE	SPST	12" LEADS	1/4" NPTF	
PENN P20EB-2C	ADJ.	N/A	100/425	SPDT	ARKLES	36" CAP, SWEAT	(4)(5)(6)(7)(8)
Ranco 3100-110	375	275	NONE	SPDT	QC	1/4" SWEAT	
PENN P20EB-2C	ADJ.	N/A	100/425	SPDT	ARKLES	36" CAP, SWEAT	(4)(5)(6)(7)
Ranco 3100-111	375	275	NONE	SPST	QC	1/4" FEM. FLARE	
PENN P20EB-2C	ADJ.	N/A	100/425	SPDT	ARKLES	36" CAP, SWEAT	(4)(5)(6)(7)
Ranco 3100-112	275	175	NONE	SPST	24" LEADS	1/4" FEM. FLARE	
PENN P20EB-2C	ADJ.	N/A	100/425	SPDT	ARKLES	36" CAP, SWEAT	(4)(5)(6)(7)(8)
Ranco 3100-113	395	295	NONE	SPST	QC	1/4" SWEAT	
PENN P20EB-2C	ADJ.	N/A	100/425	SPDT	ARKLES	36" CAP, SWEAT	(4)(5)(6)(7)
Ranco 3100-115	350	250	NONE	SPDT	36" LEADS	1/4" SWEAT	
PENN P20EB-2C	ADJ.	N/A	100/425	SPDT	ARKLES	36" CAP, SWEAT	(4)(5)(6)(7)(8)
Ranco 3100-116	213	113	NONE	SPST	QC	1/4" FEM. FLARE	
PENN P20EB-2C	ADJ.	N/A	100/425	SPDT	ARKLES	36" CAP, SWEAT	(4)(5)(6)(7)
Ranco 3100-117	140	190	NONE	SPST	12" LEADS	.093 CAP. TUBE	
PENN P20EB-2C	ADJ.	N/A	100/425	SPDT	ARKLES	36" CAP, SWEAT	(4)(5)(6)(7)(8)
Ranco 3100-118	295	395	NONE	SPST	QC	1/4" FEM. FLARE	
PENN P20EB-2C	ADJ.	N/A	100/425	SPDT	ARKLES	36" CAP, SWEAT	(4)(5)(6)(7)
Ranco 3100-120	420	320	NONE	SPST	QC	1/4" FEM. FLARE	
PENN P20EB-2C	ADJ.	N/A	100/425	SPDT	ARKLES	36" CAP, SWEAT	(4)(5)(6)(7)
Ranco 3100-121	426	272	NONE	SPST	QC	1/4" SWEAT	
PENN P20EB-2C	ADJ.	N/A	100/425	SPDT	ARKLES	36" CAP, SWEAT	(4)(5)(6)(7)
Ranco 3100-150	350	250	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P20EB-2C	ADJ.	N/A	100/425	SPDT	ARKLES	36" CAP, SWEAT	(4)(5)(6)(7)(8)
Ranco 3100-151	400	300	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P100CA-1C	400	300	NONE	SPST	48" LEADS	1/4" FEM. FLARE	
Ranco 3100-152	400	200	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P100CA-1C	400	300	NONE	SPST	48" LEADS	1/4" FEM. FLARE	
Ranco 3100-153	450	250	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P20EB-2C	ADJ.	N/A	100/425	SPDT	ARKLES	36" CAP, SWEAT	(4)(5)(6)(7)(8)
Ranco 3100-154	500	400	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P70LB-1C	ADJ.	N/A	100/500	SPST	SCREW TERMS.	36" CAP, FLARE	(4)(5)(7)(8)(9)
Ranco 3100-155	500	300	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P70LB-1C	ADJ.	N/A	100/500	SPST	SCREW TERMS.	36" CAP, FLARE	(4)(5)(7)(8)(9)
Ranco MPF-7006	75	120	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P20EB-1C	ADJ.	N/A	7/150	SPDT	ARKLES	36" CAP, SWEAT	(6)(7)(8)
Ranco MPF-7007	110	170	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P20EB-1C	ADJ.	N/A	7/150	SPDT	ARKLES	36" CAP, SWEAT	(6)(7)(8)
Ranco MPF-7008	150	225	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P100AA-3C	150	225	NONE	SPST	48" LEADS	1/4" MALE FLARE	
Ranco MPF-7009	190	275	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P20EB-2C	ADJ.	N/A	100/425	SPDT	ARKLES	36" CAP, SWEAT	(6)(7)(8)
Ranco MPF-7010	300	400	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P20EB-2C	ADJ.	N/A	100/425	SPDT	ARKLES	36" CAP, SWEAT	(6)(7)(8)
Ranco MPH-7101	250	180	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P20EB-2C	ADJ.	N/A	100/425	SPDT	ARKLES	36" CAP, SWEAT	(6)(7)(8)
Ranco MPH-7102	270	200	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P20EB-2C	ADJ.	N/A	100/425	SPDT	ARKLES	36" CAP, SWEAT	(6)(7)(8)
Ranco MPH-7103	300	200	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P20EB-2C	ADJ.	N/A	100/425	SPDT	ARKLES	36" CAP, SWEAT	(6)(7)(8)
Ranco MPH-7104	325	225	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P20EB-2C	ADJ.	N/A	100/425	SPDT	ARKLES	36" CAP, SWEAT	(6)(7)(8)

PRESSURE Controls, cont.

Product #	Cut-Out	Cut-In	Range	Switch	Electrical	Pressure	Notes
Ranco MPH-7105	350	250	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P20EB-2C	ADJ.	N/A	100/425	SPDT	ARKLES	36" CAP, SWEAT	(6)(7)(8)
Ranco MPH-7106	375	275	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P20EB-2C	ADJ.	N/A	100/425	SPDT	ARKLES	36" CAP, SWEAT	(6)(7)(8)
Ranco MPH-7107	400	300	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P100CA-1C	400	300	NONE	SPST	48" LEADS	1/4" MALE FLARE	
Ranco MPH-7108	425	325	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P100CA-2C	425	325	NONE	SPST	48" LEADS	1/4" MALE FLARE	
Ranco MPL-7001	5	20	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P100AC-1C	5	20	NONE	SPST	48" LEADS	1/4" MALE FLARE	
Ranco MPL-7002	15	35	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P100AA-1C	10	40	NONE	SPST	48" LEADS	1/4" MALE FLARE	
Ranco MPL-7003	25	80	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P20EB-1C	ADJ.	N/A	7/150	SPDT	ARKLES	36" CAP, SWEAT	(6)(7)(8)
Ranco MPL-7004	35	60	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P100AA-2C	35	60	NONE	SPST	48" LEADS	1/4" MALE FLARE	
Ranco MPL-7005	45	60	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P20EB-1C	ADJ.	N/A	7/150	SPDT	ARKLES	36" CAP, SWEAT	(6)(7)(8)
Ranco MPL-7011	10	25	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P20EB-1C	ADJ.	N/A	7/150	SPDT	ARKLES	36" CAP, SWEAT	(6)(7)(8)
Ranco MPL-7012	20	45	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P20EB-1C	ADJ.	N/A	7/150	SPDT	ARKLES	36" CAP, SWEAT	(6)(7)(8)
Ranco MPL-7014	40	80	NONE	SPST	18" LEADS	1/4" FEM. FLARE	
PENN P20EB-1C	ADJ.	N/A	7/150	SPDT	ARKLES	36" CAP, SWEAT	(6)(7)(8)

DUAL PRESSURE Controls

Product #	LO Side	Diff.	HI Side	Diff.	Capillary	Connection	Notes
Ranco O12-1502	12"/50	5/35	150/450	70 FXD	36"	W/ FLARE	
PENN P70LB-6C	12"/80	5/35	100/500	60 FXD	36"	W/ FLARE	
Ranco O12-1505	12"/50	5/35	100/250	50 FXD	NONE	MALE FLARE	
PENN P170LB-6C	12"/80	5/35	100/500	60 FXD	NONE	MALE FLARE	
Ranco O12-1506	12"/50	5/35	100/250	50 FXD	36"	W/ FLARE	
PENN P70LB-6C	12"/80	5/35	100/500	60 FXD	36"	W/ FLARE	
Ranco O12-1549	10"/100	10/40	150/450	70 FXD	36"	W/ FLARE	
PENN P70LB-1C	20"/100	7/50	100/500	60 FXD	36"	W/ FLARE	
Ranco O12-1550	10"/100	10/40	150/450	70 FXD	NONE	MALE FLARE	
PENN P170LB-1C	20"/100	7/50	100/500	60 FXD	NONE	MALE FLARE	
Ranco O12-1554	12"/50	5/35	100/250	50 FXD	48"	W/ FLARE	
PENN P70LB-6C	12"/80	5/35	100/500	60 FXD	36"	W/ FLARE	
Ranco O12-1594	10"/100	MANUAL	150/450	MANUAL	36"	W/ FLARE	
PENN P70NA-1C	20"/100	MANUAL	100/500	MANUAL	36"	W/ FLARE	
Ranco O12-4139	12"/50	5/35	150/450	70 FXD	NONE	MALE FLARE	
PENN P170LB-6C	12"/80	5/35	100/500	60 FXD	NONE	MALE FLARE	
Ranco O12-4833	12"/50	5/35	150/450	70 FXD/MAN	48"	W/ FLARE	
PENN P70SA-1C	12"/80	5/35	100/500	60 FXD	36"	W/ FLARE	
Ranco O12-4834	10"/100	10/40	150/450	70 FXD/MAN	48"	W/ FLARE	
PENN P70SA-1C	12"/80	5/35	100/500	60 FXD	36"	W/ FLARE	
Ranco O12-4842	12"/50	5/35	150/450	70 FXD/MAN	NONE	MALE FLARE	
PENN P170SA-1C	12"/80	5/35	100/500	60 FXD	NONE	MALE FLARE	
Ranco O12-4846	10"/100	10/40	150/450	70 FXD/MAN	NONE	MALE FLARE	
PENN P170SA-1C	12"/80	5/35	100/500	60 FXD	NONE	MALE FLARE	
Ranco O22-7702	12"/50	5/35	100/250	50 FXD/MAN	36"	W/ FLARE	
PENN P72LB-1C	20"/100	7/50	100/500	60 FXD	36"	W/ FLARE	(2)
Ranco O22-7706	10"/100	10/40	150/450	70 FXD	36"	W/ FLARE	
PENN P72LB-1C	20"/100	7/50	100/500	60 FXD	36"	W/ FLARE	(2)

LOW PRESSURE CUTOUT with Time Delay

Product #	Range	Diff.	Time Delay	Capillary	Connection	Cover	Notes
Ranco 3341-161	0/100	5 FXD	120 SECS.	36"	W/ FLARE	NEMA 1	
PENN P29NC-38C	20"/100	2.2 FXD	120 SECS.	36"	W/ FLARE	NEMA 1	

LUBE OIL PRESSURE Controls

Product #	Range	Reset	Delay	Capillary	Connection	Cover	Notes
Ranco 3321-001	9 FXD	MANUAL	45,60,90,120	NONE	MALE FLARE	NEMA 1	
PENN P128AA-**C	8/70 ADJ	MANUAL	NOTE (11)	NONE	MALE FLARE	NEMA 1	(11)
Ranco 3321-009	5 FXD	MANUAL	45,60,90,120	36"	W/ FLARE	NEMA 1	
PENN P28AA-**C	8/70 ADJ	MANUAL	NOTE (11)	36"	W/ FLARE	NEMA 1	(11)
Ranco 3321-010	9 FXD	MANUAL	45,60,90,120	36"	W/ FLARE	NEMA 1	
PENN P28AA-**C	8/70 ADJ	MANUAL	NOTE (11)	36"	W/ FLARE	NEMA 1	(11)
Ranco 3321-014	15 FXD	MANUAL	45,60,90,120	36"	W/ FLARE	NEMA 1	
PENN P28AA-**C	8/70 ADJ	MANUAL	NOTE (11)	36"	W/ FLARE	NEMA 1	(11)
Ranco 3321-015	30 FXD	MANUAL	45,60,90,120	36"	W/ FLARE	NEMA 1	
PENN P28AA-**C	8/70 ADJ	MANUAL	NOTE (11)	36"	W/ FLARE	NEMA 1	(11)

LUBE OIL PRESSURE Controls, cont.

Product #	Range	Reset	Delay	Capillary	Connection	Cover	Notes
Ranco P30-3601	8/60 ADJ	MANUAL	60	36"	W/ FLARE	NEMA 1	
PENN P28AA-2C	8/70 ADJ	MANUAL	60	36"	W/ FLARE	NEMA 1	
Ranco P30-3701	8/60 ADJ	MANUAL	90	36"	W/ FLARE	NEMA 1	
PENN P28AA-1C	8/70 ADJ	MANUAL	90	36"	W/ FLARE	NEMA 1	
Ranco P30-3801	8/60 ADJ	MANUAL	120	36"	W/ FLARE	NEMA 1	
PENN P28AA-17C	8/70 ADJ	MANUAL	120	36"	W/ FLARE	NEMA 1	
Ranco P30-5826	9 FXD	MANUAL	120	36"	W/ FLARE	NEMA 1	
PENN P45NCA-12C	9 FXD	MANUAL	120	36"	W/ FLARE	NEMA 1	
Ranco P30-5827	9 FXD	MANUAL	120	NONE	MALE FLARE	NEMA 1	
PENN P145NCA-12C	9 FXD	MANUAL	120	NONE	MALE FLARE	NEMA 1	

LUBE OIL PRESSURE Controls without Time Delay

Product #	Range	Diff.	Cut-In	Switch	Capillary	Connection	Notes
Ranco 3311-101	14 FXD	5 FXD	9 FXD	SPDT	36"	1/4" FEM. FLARES	
PENN P74AA-1C	8/70 ADJ	8/30 ADJ	ADJ	OPEN HI	36"	1/4" FEM. FLARES	(12)
Ranco 3311-103	4/6 ADJ	5/6	9/12	SPDT	24"	W/1/4" SWEATS	
PENN P74EA-8C	2/26 ADJ	3.5 FXD	N/A	SPDT	36"	1/4" FEM. FLARES	(4)
Ranco 3311-111	4/6 FXD	5/6	9/12	SPDT	84"	1/4" FEM. FLARES	
PENN P74EA-8C	2/26 ADJ	3.5 FXD	N/A	SPDT	36"	1/4" FEM. FLARES	
Ranco 3311-115	6 FXD	5 FXD	11 FXD	OPEN LO	24"	1/4" FEM. FLARES	
PENN P74BA-1C	8/70 ADJ	7/30 ADJ	ADJ	OPEN LO	36"	1/4" FEM. FLARES	
Ranco 3311-118	40 FXD	5 FXD	45 FXD	OPEN LO	25" & 24"	W/1/4" SWEATS	
PENN P74BA-1C	8/70 ADJ	7/30 ADJ	ADJ	OPEN LO	36"	1/4" FEM. FLARES	(4)
Ranco 3311-201	7 FXD	MANUAL	MANUAL	SPDT	49" & 72"	W/1/4" SWEATS	
PENN P74AB-1C	8/70 ADJ	MANUAL	MANUAL	OPEN HI	NONE	1/4" FEM. NPT	(4)(12)
Ranco 3315-101	14 FXD	5 FXD	9 FXD	SPDT	36"	1/4" FEM. FLARES	
PENN P74AA-1C	8/70 ADJ	8/30 ADJ	ADJ	OPEN HI	36"	1/4" FEM. FLARES	(12)
Ranco 3315-801	11/14 ADJ	5 FXD	16/19	SPDT	NONE	MALE FLARES	
PENN P74BA-1C	8/70 ADJ	7/30 ADJ	ADJ	OPEN LO	36"	1/4" FEM. FLARES	(4)(12)

TRANSFORMERS

Product #	VA	Prim. Volt.	Prim. Lead	Sec. Volt.	Sec. Lead	Mounting	Notes
Ranco 620-205	20	120	8" LEADS	24	8" LEADS	FOOT	
PENN Y65A13-0	40	120	8" LEADS	24	30" LEADS	FOOT W/ HUBS	
Ranco 620-206	20	208/240	8" LEADS	24	8" LEADS	FOOT	
PENN Y65T31-0	40	120/208/240	8" LEADS	24	3 TERMINALS	UNIVERSAL	(8)
Ranco 620-403	40	120	8" LEADS	24	8" LEADS	UNIVERSAL	
PENN Y65T31-0	40	120/208/240	8" LEADS	24	3 TERMINALS	UNIVERSAL	(8)
Ranco 620-404	40	208/240	8" LEADS	24	8" LEADS	UNIVERSAL	
PENN Y65T31-0	40	120/208/240	8" LEADS	24	3 TERMINALS	UNIVERSAL	(8)
Ranco 620-405	40	120	8" LEADS	24	8" LEADS	FOOT	
PENN Y65A13-0	40	120	8" LEADS	24	30" LEADS	FOOT W/ HUBS	
Ranco 620-406	40	208/240	8" LEADS	24	8" LEADS	FOOT	
PENN Y65T31-0	40	120/208/240	8" LEADS	24	3 TERMINALS	UNIVERSAL	(8)
Ranco 620-482	40	120/208/240	8" LEADS	24	8" LEADS	FOOT	
PENN Y65A13-0	40	120	8" LEADS	24	30" LEADS	FOOT W/ HUBS	(13)
PENN Y65T31-0	40	120/208/240	8" LEADS	24	3 TERMINALS	UNIVERSAL	
Ranco 620-502	50	120/208/240	8" LEADS	24	8" LEADS	UNIVERSAL	
PENN Y63T22-0	50	120/208/240	8" LEADS	24	8" LEADS	UNIVERSAL	(13)
Ranco 620-752	75	120/208/240	8" LEADS	24	8" LEADS	FOOT	
PENN Y66T12-0	75	120/208/240	8" LEADS	24	8" LEADS	FOOT	(13)
Ranco 620-758	75	480	8" LEADS	24	8" LEADS	FOOT	
PENN Y66F12-0	75	277/480	8" LEADS	24	8" LEADS	FOOT	

Notes

- (1) Can use A419ABC-1, -30/212F range, 1/30F diff., SPDT, 78" lead, 0.25 x 2 PTC sensor, NEMA 1.
- (2) Convertible
- (3) Add Ecosafe hose.
- (4) Different pressure element.
- (5) Not as compact.
- (6) Differential depends on setting.
- (7) Not an encapsulated switch as Ranco's is.
- (8) Different electrical connection.
- (9) Dual control, ignore lo side.
- (10) Range is Defrost Termination for both.
- (11) Choose correct one below based on timing required and pressure connection:

P28AA-1	8/70	90 Secs.	36"	W/ Flare
P28AA-2	8/70	60 Secs.	36"	W/ Flare
P28AA-17	8/70	120 Secs.	36"	W/ Flare
P28AA-18	8/70	45 Secs.	36"	W/ Flare
P128AA-1	8/70	90 Secs.	None	Male Flare
P128AA-2	8/70	60 Secs.	None	Male Flare
P128AA-17	8/70	120 Secs.	None	Male Flare
- (12) Different switch.
- (13) Choose which transformer based on primary voltage desired.
- (14) May be extended up to 800 feet.