

ProMax® XL

CIRCULATING LOOP HEAT EXCHANGERS

The ProMax® XL circulating loop heat exchanger is designed specifically for installation with A.O. Smith ProMax® SL (Side Loop) gas water heaters. The combination of a ProMax SL water heater and ProMax XL heat exchanger provides domestic hot water, and an isolated source of hot water for radiant floor heating, hydronic air handlers and other closed loop applications.

OUTPUT OPTIONS

- 28,000 BTU (RXLD-28 and RXLS-28)
- 52,000 BTU (RXLD-52 and RXLS-52)

COMPACT, EFFICIENT, BRAZED PLATE HEAT EXCHANGER

- UP TO 60% smaller than traditional shell & tube and coaxial heat exchangers

SINGLE OR DOUBLE-WALL DESIGN

- Double-wall construction for applications requiring double isolation between fluid streams

AUXILIARY CONNECTIONS EXPAND OPTIONS

- Plugged connections can be used as installation points for thermowells, a drain or for flushing heat exchanger
- Connections located on front of heat exchanger, common to primary side of heat exchanger

115V/60Hz PUMP

- Control relay (24 volt coil) located inside wiring junction box

PROMAX SL GAS WATER HEATER OPTIONS

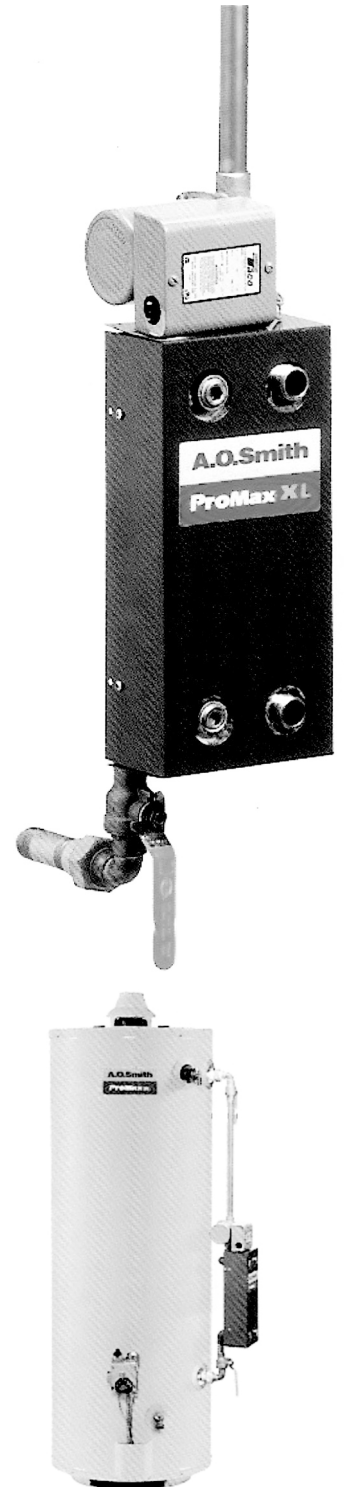
- Standard Vent
- Direct Vent
- Power Vent
- Power Direct-Vent

STANDARDS

- All components UL Listed

1-YEAR LIMITED WARRANTY

- For complete information, consult written warranty or contact A.O. Smith Water Heaters



ProMax[®] XL CIRCULATING LOOP HEAT EXCHANGERS

COIL & AIR HANDLER APPLICATION - HEAT EXCHANGER SELECTION TABLE

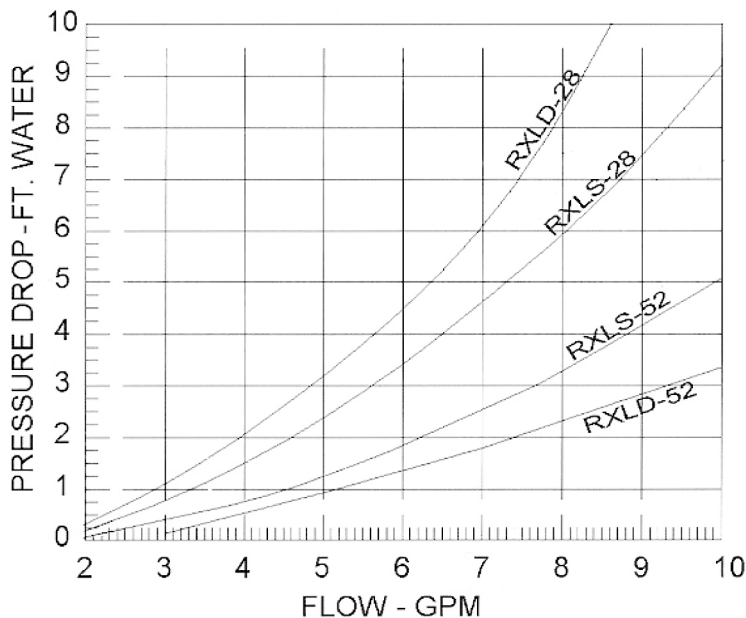
| | MODEL | 140°F SOURCE (TANK) | | | 150°F SOURCE (TANK) | | | 160°F SOURCE (TANK) | | |
|-------------------------------|---------|---------------------|-----|----------|---------------------|-----|----------|---------------------|-----|----------|
| | | BTUH | GPM | PD (FT.) | BTUH | GPM | PD (FT.) | BTUH | GPM | PD (FT.) |
| DOUBLE WALL HEAT EXCHANGER | RXLD-28 | 28,000 | 2.8 | 1.0 | 30,000 | 3.0 | 1.1 | 55,000 | 5.5 | 3.7 |
| | RXLD-52 | 52,000 | 5.2 | 0.9 | 55,000 | 5.5 | 1.1 | 79,000 | 2.3 | 0.5 |
| SINGLE WALL HEAT EXCHANGER | RXLS-28 | 28,000 | 2.8 | 0.7 | 36,000 | 3.6 | 1.1 | 68,000 | 6.8 | 4.3 |
| | RXLS-52 | 52,000 | 5.2 | 1.3 | 60,000 | 6.0 | 1.7 | 95,000 | 9.6 | 8.5 |

RADIANT FLOOR APPLICATION - HEAT EXCHANGER SELECTION TABLE

| | MODEL | 140°F SOURCE (TANK) | | | 150°F SOURCE (TANK) | | | 160°F SOURCE (TANK) | | |
|-------------------------------|---------|---------------------|-----|----------|---------------------|-----|----------|---------------------|------|----------|
| | | BTUH | GPM | PD (FT.) | BTUH | GPM | PD (FT.) | BTUH | GPM | PD (FT.) |
| DOUBLE WALL HEAT EXCHANGER | RXLD-28 | 28,000 | 2.8 | 1.0 | 48,000 | 4.9 | 3.0 | 65,000 | 6.5 | 5.3 |
| | RXLD-52 | 52,000 | 5.2 | 0.9 | 82,000 | 8.3 | 2.4 | 110,000 | 11.1 | 4.1 |
| SINGLE WALL HEAT EXCHANGER | RXLS-28 | 28,000 | 2.8 | 0.7 | 50,000 | 5.0 | 2.3 | 98,000 | 9.8 | 8.9 |
| | RXLS-52 | 52,000 | 5.2 | 1.3 | 84,000 | 8.4 | 3.6 | 115,000 | 11.6 | 6.2 |

HEAT EXCHANGER PRESSURE DROP

For Secondary Loop Flow Calculations.



PROMAX SL WATER HEATER CROSS-REFERENCE

| PROMAX SL WATER HEATER | MODELS | OUTPUT |
|------------------------|----------|--------|
| STANDARD VENT | GCVH-40L | 29,600 |
| | GCVT-50L | 38,000 |
| | GCVX-50L | 50,050 |
| | GCV-65L | 49,400 |
| | FCG-75L | 57,000 |
| DIRECT VENT | GDV-40L | 30,780 |
| | GDVT-50L | 40,500 |
| | GDV-75L | 44,550 |
| POWER VENT | GPVT-40L | 39,000 |
| | GPVT-50L | 39,500 |
| | GPVX-50L | 49,400 |
| | GPS-75L | 64,000 |
| POWER DIRECT VENT | GPD-40L | 30,400 |
| | GPDX-50L | 47,450 |
| | GPD-75L | 53,200 |

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