

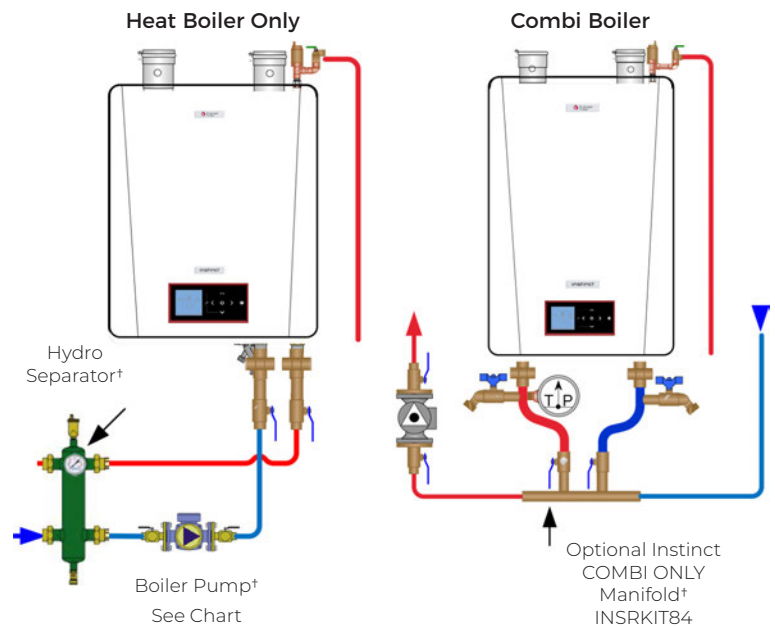
INSTINCT WALL BOILERS

| PART # | DESCRIPTION | BTU | | DHW OUTPUT (GPM) | SUPPLY / RETURN CONNECTIONS | TURN-DOWN RATIO | AFUE | HEATING CAP. (MBH) |
|---------|---------------------------|--------|---------|------------------|-----------------------------|-----------------|------|--------------------|
| | | MIN | MAX | | | | | |
| INS110S | Instinct WB 110 Heat Only | 13,750 | 110,000 | NA | 1" | 8:1 | 95% | 102 |
| INS155C | Instinct WB 155 Combi* | 19,375 | 155,000 | 4 | 1" | | | 142 |
| INS155S | Instinct WB 155 Heat Only | 19,375 | 155,000 | NA | 1" | | | 142 |
| INS199C | Instinct WH 199 Combi* | 24,875 | 199,000 | 5.3 | 1" | | | 184 |
| INS199S | Instinct WB 199 Heat Only | 24,875 | 199,000 | NA | 1" | | | 184 |

*DHW output GPM (70F Rise) 155-4.0 / 199 - 5.3

All boilers ship with a universal 3" PVC, CPVC, PP intake and vent connection

| INSTINCT WALL HEAT ONLY BOILER PUMP SIZING CHART | | | | | |
|--|------------------|------------|------------------------|--------------|------------|
| Boiler | Copper Pipe Size | Temp. Rise | Boiler Flow Rate (GPM) | Boiler Pump | |
| | | | | Grundfos | Taco |
| Instinct 110 | 1" | 20° F | 10.2 | UPS 15-58FC | 007-F5 |
| | 1" | 25° F | 8.2 | UPS 15-58FC | 007-F5 |
| | 1" | 30° F | 6.8 | UPS 15-58FC | 007-F5 |
| | 1" | 35° F | 5.8 | UPS 15-58FC | 007-F5 |
| Instinct 155 | 1-1/4" | 20° F | 14.3 | UPS 26-99FC | 0013-MSF |
| | 1-1/4" | 25° F | 11.4 | UPS 26-99FC | 0013-MSF |
| | 1-1/4" | 30° F | 9.5 | UPS 15-58FC | 0013-MSF |
| | 1-1/4" | 35° F | 8.2 | UPS 15-58FC | 007-F5 |
| Instinct 199 | 1-1/2" | 20° F | 18.5 | UPS 43-100FC | 2400-30-3P |
| | 1-1/4" | 25° F | 14.8 | UPS 26-99FC | 0013-MSF |
| | 1-1/4" | 30° F | 12.3 | UPS 26-99FC | 0013-MSF |
| | 1" | 35° F | 10.6 | UPS 15-58FC | 0015-MSF3 |



†Sold Separately

INSTINCT FLOOR BOILERS

| PART # | DESCRIPTION | BTU | | DHW OUTPUT (GPM) | SUPPLY / RETURN CONNECTIONS | TURN-DOWN RATIO | AFUE | HEATING CAP. (MBH) |
|-----------|-------------------------------|--------|---------|------------------|-----------------------------|-----------------|------|--------------------|
| | | MIN | MAX | | | | | |
| INSFS110S | Instinct FSB 110 Heat Only LP | 13,750 | 110,000 | NA | 1" | 8:1 | 95% | 102 |
| INSFS155C | Instinct FSB 155 Combi* | 19,375 | 155,000 | 4 | 1" | | | 142 |
| INSFS155S | Instinct FSB 155 Heat Only LP | 19,375 | 155,000 | NA | 1" | | | 142 |
| INSFS199C | Instinct FSB 199 Combi* | 24,875 | 199,000 | 5.3 | 1-1/4" | | | 184 |
| INSFS199S | Instinct FSB 199 Heat Only LP | 24,875 | 199,000 | NA | 1-1/4" | | | 184 |

*DHW output GPM (70F Rise) 155-4.0 / 199 - 5.3 All boilers ship with a universal 3" PVC, CPVC, PP intake and vent connection
The Instinct FSB boiler is set up for left or right heating and gas connections.

