



Selection Chart

| MODEL TYPE | | USAGE FLOW | | WARRANTY* | FEATURES | | | | VENTING | | | |
|-----------------------------------|---------|--------------|--------------|-------------------------|------------|------------------|------------|---------------|----------|------------|----------|----------|
| SENSEI Condensing Models | BTU | GPM 70° RISE | GPM 90° RISE | Heat X/ Parts/ Labor | WIFI READY | ISOLATION VALVES | CIRC LOGIC | THERMACIRC360 | PVC VENT | CONCENTRIC | COMBINED | FLEXIBLE |
| RU199 | 199,000 | 5.6 | 4.1 | 15 yrs /5 parts/5 labor | YES | YES | YES | NO | YES 2" | YES "PP" | YES | YES |
| RU180 | 180,000 | 5 | 3.7 | 15 yrs /5 parts/5 labor | YES | YES | YES | NO | YES 2" | YES "PP" | YES | YES |
| RU160 | 160,000 | 4.5 | 3.1 | 15 yrs /5 parts/5 labor | YES | YES | YES | NO | YES 2" | YES "PP" | YES | YES |
| RU130 | 130,000 | 3.7 | 2.8 | 15 yrs /5 parts/5 labor | YES | YES | YES | NO | YES 2" | YES "PP" | YES | YES |
| RUR199*** | 199,000 | 5.6 | 4.1 | 15 yrs /5 parts/5 labor | YES | YES | NO | YES | YES 2" | YES "PP" | YES | YES |
| RUR160*** | 160,000 | 4.5 | 3.1 | 15 yrs /5 parts/5 labor | YES | YES | NO | YES | YES 2" | YES "PP" | YES | YES |
| Commercial Models | | | | | | | | | | | | |
| CU199 | 199,000 | 5.6 | 3.7 | 8 yrs /6 parts/ 2 labor | YES | YES | YES | NO | YES 2" | YES "PP" | YES | YES |
| CU160 | 160,000 | 4.5 | 3.1 | 8 yrs /6 parts/ 2 labor | YES | YES | YES | NO | YES 2" | YES "PP" | YES | YES |
| SE Series Condensing | | | | | | | | | | | | |
| RUCS65 | 130,000 | 3.4 | 2.6 | 12 yrs/5 parts/ 1 Labor | YES | NO | NO | NO | YES 3" | YES "PP" | YES** | NO |
| RUCS75 | 160,000 | 4.2 | 3.1 | 12 yrs/5 parts/ 1 Labor | YES | NO | NO | NO | YES 3" | YES "PP" | YES** | NO |
| HE+ Series NON- Condensing | | | | | | | | | | | | |
| RL75 | 180,000 | 4.3 | 3.2 | 12 yrs/5 parts/ 5 Labor | YES | YES | YES | NO | NO | YES | NO | NO |
| RL94 | 199,000 | 4.9 | 3.4 | 12 yrs/5 parts/ 5 Labor | YES | YES | YES | NO | NO | YES | NO | NO |
| HE Series NON-Condensing | | | | | | | | | | | | |
| V53e | 120,000 | 2.8 | 2.1 | 12 yrs/5 parts/ 1 Labor | YES | NO | NO | NO | N/A | N/A | N/A | N/A |
| V65 | 150,000 | 3.7 | 2.9 | 12 yrs/5 parts/ 1 Labor | YES | NO | NO | NO | NO | YES | NO | NO |
| V75 | 180,000 | 4.3 | 3.2 | 12 yrs/5 parts/ 1 Labor | YES | NO | NO | NO | NO | YES | NO | NO |
| V94 | 199,999 | 4.9 | 3.4 | 12 yrs/5 parts/ 1 Labor | YES | NO | NO | NO | NO | YES | NO | NO |

* If Registered

** With Check Valve # 790111

*** Requires Wall Mount Digital controler MC195T or WIFI Control "R"

VENTING SUMMARY - STANDARD VENT

| Vent Diameter / Vent Type / # of Units | RU130i, RU160i RU180i, RU199i | RUR160i RUR199i | CU160i CU199i | Demand Duo W/ CU199 |
|---|-----------------------------------|--------------------|------------------|------------------------|
| | Maximum Equivalent Length in Feet | | | |
| CONCENTRIC DIRECT VENT | | | | |
| 2" x 4" Concentric (Direct Vent) | 65 | 65 | 65 | 65 |
| 3" x 5" Concentric (Direct Vent) | 150 | 150 | 150 | 150 |
| TWIN PIPE DIRECT VENT | | | | |
| 2" PVC/CPVC/PP (Dual Pipe - Direct Vent) | 65 | 65 | 65 | 65 |
| 3" PVC/CPVC/PP (Dual Pipe - Direct Vent) | 150 | 150 | 150 | 150 |
| 3" Centrotherm PP, Vent System (Dual Pipe - Direct Vent) | 150 | 150 | 150 | 150 |
| SINGLE PIPE, NON-DIRECT VENT (Room Air) | | | | |
| 2" PVC/CPVC/PP (Single Pipe - Room Air) | 65 | 65 | 65 | 65 |
| 3" PVC/CPVC/PP (Single Pipe - Room Air) | 150 | 150 | 150 | 150 |
| PVC / CPVC / PP DIRECT COMMON VENT, RESIDENTIAL | | | | |
| 3" PVC/CPVC (Dual Pipe - Direct Vent) 2 units | 65 | 65 | | |
| 4" PVC/CPVC (Dual Pipe - Direct Vent) 2 units | 65 | 150 | | |
| 6" PVC/CPVC (Dual Pipe - Direct Vent) 2 units | 65 | 150 | | |
| PVC / CPVC / PP NON - DIRECT COMMON VENT (Room Air), RESIDENTIAL | | | | |
| 3" PVC/CPVC (Single Pipe - Room Air) 2 units | 65 | 65 | | |
| 4" PVC/CPVC (Single Pipe - Room Air) 2 units | 65 | 150 | | |
| 6" PVC/CPVC (Single Pipe - Room Air) 2 units | 65 | 150 | | |

VENTING SUMMARY - COMMON VENT

| Vent Diameter / Vent Type / # of Units | CU160i | CU199i | Demand Duo W/ CU199 | | | |
|---|-----------------------------------|-----------|------------------------|-----------|-----------|-----------|
| | Maximum Equivalent Length in Feet | | | | | |
| PVC / CPVC / PP DIRECT COMMON VENT / NON - DIRECT COMMON VENT (Room Air), COMMERCIAL | | | | | | |
| | 3" Header | | 3" Header | | 3" Header | |
| 3" Vent (Dual Pipe - Direct Vent / Single Pipe - Room Air) 2 Units | 90 | 65 | | | | 65 |
| | 4" Header | 6" Header | 4" Header | 6" Header | 4" Header | 6" Header |
| 4" Vent (Dual Pipe - Direct Vent / Single Pipe - Room Air) 2 Units | 150 | | 150 | | 150 | |
| 4" Vent (Dual Pipe - Direct Vent / Single Pipe - Room Air) 3 Units | 100 | | 150 | | 150 | |
| 4" Vent (Dual Pipe - Direct Vent / Single Pipe - Room Air) 4 Units | 65 | | 65 | | 65 | |
| 6" Vent (Dual Pipe - Direct Vent / Single Pipe - Room Air) 2 Units | 150 | 150 | 150 | 150 | 150 | 150 |
| 6" Vent (Dual Pipe - Direct Vent / Single Pipe - Room Air) 3 Units | 150 | 150 | 150 | 150 | 150 | 150 |
| 6" Vent (Dual Pipe - Direct Vent / Single Pipe - Room Air) 4 Units | 150 | 150 | 150 | 150 | 150 | 150 |
| 6" Vent (Dual Pipe - Direct Vent / Single Pipe - Room Air) 5 Units | | | 150 | 150 | 150 | 150 |
| 6" Vent (Dual Pipe - Direct Vent / Single Pipe - Room Air) 6 Units | | | 150 | 150 | 150 | 150 |
| 6" Vent (Dual Pipe - Direct Vent / Single Pipe - Room Air) 7 Units | | | 70 | 150 | 70 | 150 |
| 6" Vent (Dual Pipe - Direct Vent / Single Pipe - Room Air) 8 Units | | | | 150 | | 150 |