

THE MATRIX

Total Home System

General Specifications

M100V & M100

Dimensions (LxWxH)	38x28x53
Weight	300 lb
Supply Plenum	16x20
Return Plenum/Filter	18x18/16x20
Combustion Modulation	6 : 1
Hydronic Connections	3/4 NPT
DHW Connections	3/4 NPT

Forced Air Specifications

M100V & M100

Continuous Circulation	300–500 CFM
Cooling CFM	400–1600
Output Range (MBH)	12–92
AFUE	94
CFM @ .4" ESP	300–1200
A/C Tons @ .4" ESP	1–4

Domestic Water Specifications

M100V & M100

Input (MBH)	25–150	5.0 @ 110°F
Output (MBH)	23–139	4.2 @ 120°F
Energy Factor	0.85	3.4 @ 135°F

gpm

Hydronic Heating Specifications

M100V & M100

Input Range (MBH)	25–150
Hydronic Heating Output (MBH)	23–100
Combined Space Heat Output (MBH)	23–139
AFUE	92.7

Heat Recovery Ventilation (HRV)

M100V

M100

CFM @ .2" ESP	70–150	na
Sensible Recovery Efficiency @ 0°C	72% @ 70 CFM	na

NTI reserves the right to change specifications without notice.