

| Model                     | Roof pitch,<br>$\theta$ (deg) | Width,<br>$B$ (mm) | Length,<br>$L$ (mm) | Eave height,<br>$h_e$ (mm) | Roof ridge height,<br>$h_t$ (mm) | Mean roof height,<br>$h$ (mm) | $L/B$ | $h/L$ |
|---------------------------|-------------------------------|--------------------|---------------------|----------------------------|----------------------------------|-------------------------------|-------|-------|
| 1                         | 15.95                         | 98                 | 146                 | 60                         | 74                               | 67                            | 1.5   | 0.46  |
| 2                         | 15.95                         | 98                 | 146                 | 110                        | 124                              | 117                           | 1.5   | 0.80  |
| 3                         | 4.6                           | 98                 | 98                  | 53                         | 57                               | 55                            | 1.0   | 0.56  |
| 4                         | 15.95                         | 98                 | 98                  | 48                         | 62                               | 55                            | 1.0   | 0.56  |
| 5                         | 35.5                          | 98                 | 98                  | 37                         | 72                               | 55                            | 1.0   | 0.56  |
| 6                         | 35.5                          | 221                | 221                 | 37                         | 114                              | 76                            | 1.0   | 0.34  |
| 7 (Overhang)              | 15.95                         | 98                 | 146                 | 60                         | 74                               | 67                            | 1.5   | 0.46  |
| 8 (Garage 1) <sup>a</sup> | 35.5 <sup>b</sup>             | 98                 | 187                 | 37                         | 72                               | 55                            | 1.9   | 0.29  |
| 9 (Garage 2) <sup>a</sup> | 15.95 <sup>b</sup>            | 98                 | 235                 | 60                         | 74                               | 67                            | 2.4   | 0.29  |

<sup>a</sup> Dimensions of “garage” addition were  $B=98$  mm,  $L=89$  mm,  $h_e=33$  mm, and  $h_t=47$  mm.

<sup>b</sup> Roof pitch of “house” part of model. Roof pitch of “garage” addition was  $15.95^\circ$ .