

# Semi-Hermetic Compressors



## Tecumseh

### SH Series

The SH semi hermetic compressor from Tecumseh has a proven reputation for performance and reliability in refrigeration. Manufactured in Italy the SH compressors are both quiet and energy efficient.



### R404A – Medium/Low Temperature Applications

Approved for R448A, R449A, R452A, R134a, R513A

### Three Phase

#### Selection Data

| Product Code | Model No. | HP  | Displ. m³/h | Evaporating Temperature °C |       |       |       |        |        |        |
|--------------|-----------|-----|-------------|----------------------------|-------|-------|-------|--------|--------|--------|
|              |           |     |             | Capacity Watts R404A       |       |       |       |        |        |        |
|              |           |     |             | -25                        | -20   | -15   | -10   | -5     | 0      | 5      |
| 2712824      | SH4521YZ  | 1   | 5.47        | 1313                       | 1742  | 2247  | 2836  | 3514   | 4285   | 5156   |
| 2750468      | SH4526YZ  | 1.5 | 6.91        | 1782                       | 2320  | 2963  | 3723  | 4611   | 5638   | 6816   |
| 2750469      | SH4536YZ  | 2   | 9.88        | 2575                       | 3292  | 4140  | 5131  | 6280   | 7601   | 9107   |
| 2750470      | SH4550YZ  | 3   | 13.15       | 3530                       | 4564  | 5764  | 7152  | 8756   | 10598  | 12705  |
| 2712828      | SH4564YZ  | 4   | 16.40       | 4584                       | 5882  | 7394  | 9147  | 11169  | 13488  | 16131  |
| 2750471      | SH4567YZ  | 4   | 17.93       | 5216                       | 6553  | 8102  | 9889  | 11937  | 14272  | 16916  |
| 2707557      | SH4576YZ  | 5   | 21.18       | 5381                       | 7086  | 9038  | 11262 | 13785  | 16633  | 19832  |
| 2707558      | SH4591YZ  | 5   | 24.69       | 6637                       | 8507  | 10702 | 13262 | 16228  | 19641  | 23541  |
| 2707559      | SH4610YZ  | 7   | 28.02       | 7855                       | 10024 | 12550 | 15479 | 18856  | 22726  | 27134  |
| 2707560      | SH4612YZ  | 7   | 32.60       | 9130                       | 11603 | 14497 | 17867 | 21766  | 26248  | 31368  |
| 2707561      | SH4615ZMZ | 12  | 41.32       | 10713                      | 13866 | 17573 | 21889 | 26869  | 32568  | 39041  |
| 2707562      | SH4620ZMZ | 15  | 51.50       | 15200                      | 19177 | 23731 | 28990 | 35080  | 42130  | 50269  |
| 2712834      | SH4623ZMZ | 20  | 58.48       | 15680                      | 20300 | 25736 | 32083 | 39434  | 47884  | 57529  |
| 2712835      | SH4627ZMZ | 25  | 70.77       | 19031                      | 24517 | 30983 | 38552 | 47345  | 57486  | 69095  |
| 2712836      | SH4632ZMZ | 30  | 83.81       | 23320                      | 29872 | 37575 | 46556 | 56942  | 68860  | 82435  |
| 2712837      | SH4636ZMZ | 32  | 93.00       | 23786                      | 31167 | 39884 | 50068 | 61867  | 75419  | 90864  |
| 2712838      | SH4639ZMZ | 35  | 102.86      | 28646                      | 36353 | 45211 | 55406 | 67121  | 80540  | 95848  |
| 2712839      | SH4641ZMZ | 35  | 106.16      | 29580                      | 37778 | 47526 | 58984 | 72352  | 87772  | 105423 |
| 2712840      | SH4648ZMZ | 40  | 125.72      | 34026                      | 43771 | 55319 | 68853 | 84557  | 102617 | 123218 |
| 2712841      | SH4661ZMZ | 50  | 154.38      | 41691                      | 53664 | 67691 | 84002 | 102824 | 124386 | 148915 |

Capacities based on EN12900 Midpoint ratings: Condensing temp 40°C, Return Vapour 20°C, Subcooling 0K.