# Mbsm.pro, Compressor , Tecumseh, KULTHORN

Category: compressor
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Mbsm.pro, Compressor , Tecumseh

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# Mbsm.pro, compressor, NEK1118Z , GL90AA, r134a, 190w, Lbp

Category: compressor
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Mbsm.pro, compressor, NEK1118Z , GL75AA , GL90AA, r134a, 190w, Lbp

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# Mbsm.pro, Compressor, copeland, CRC1-0175-PFU-501, 2 ton, 2.25 hp, r22, compatible, ESAH-18CH, 18000 btu, 1920 w

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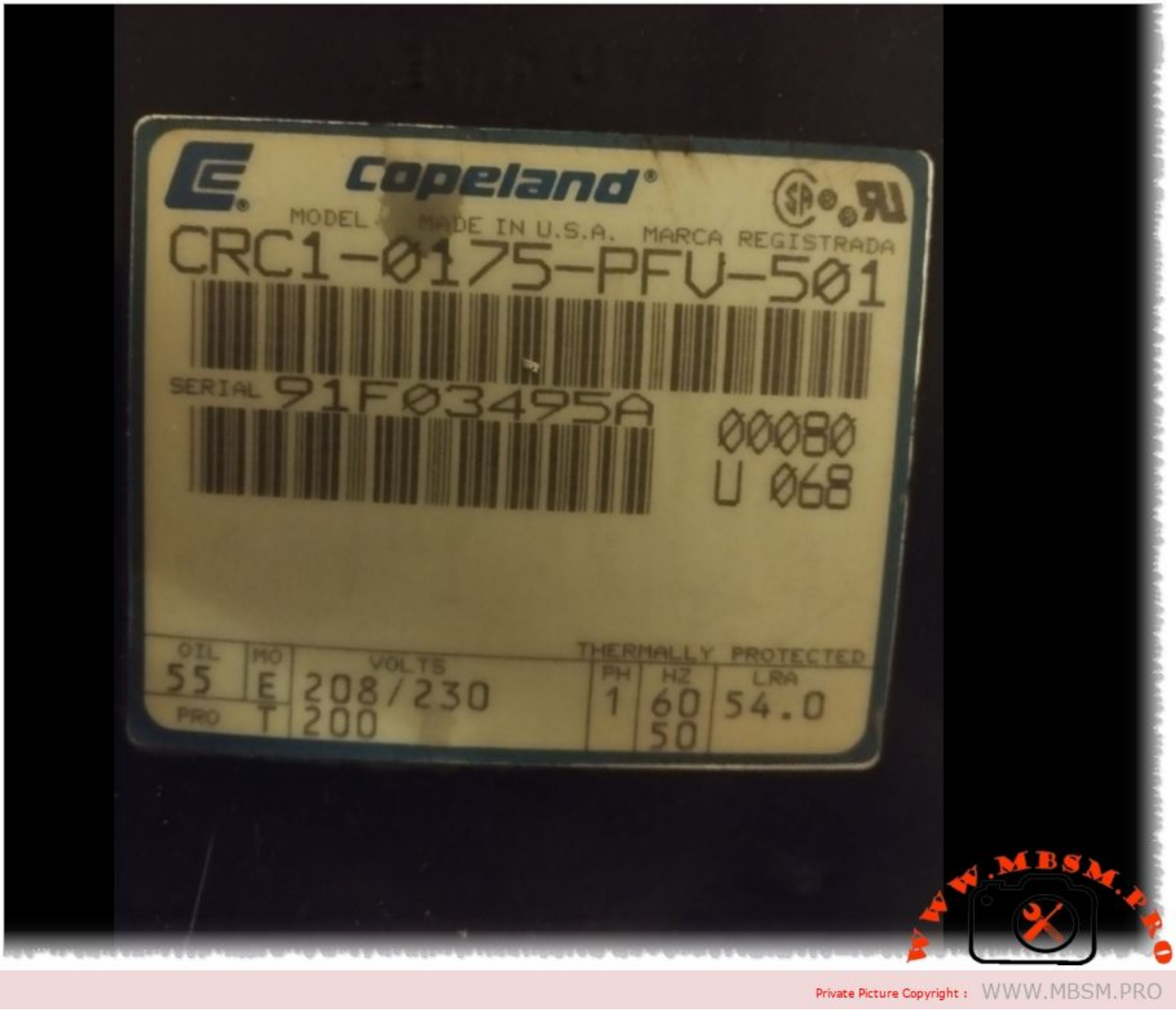


Mbsm.pro, Compressor, copeland, CRC1-0175-PFU-501, 2 ton, 2.25 hp, r22, compatible, ESAH-18CH, 18000 btu, 1920 w

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# Mbsm.pro, Compressor , 1/5 hp, zel, HVM12AA, OF1033A, OF1350A, gvy75AA, gvy66AA, GVY75AG, HKd16aa, GVY75ad, gvt66ad, gkd75ad

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Mbsm.pro, Compressor , 1/5 hp, zel, HVM12AA, OF1033A, OF1350A, gvy75AA, gvy66AA, GVY75AG, HKd16aa, GVY75ad, gvt66ad, gkd75ad

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# Mbsm.pro, compressor, 1/6 hp, 134 w, HL99AH, HLY75AA, HLY99AA, HTY80AA2, HVY47AA, HYK95AA

Category: compressor
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Mbsm.pro, compressor, 1/6 hp, 134 w, HL99AH, HLY75AA, HLY99AA, HTY80AA2, HVY47AA, HYK95AA

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Mbsm.pro, ACC , Electrolux, Compressors, R404a, CML45FB3N, CML60FB3N, CML80FB3N, CML90FB3N, CMP12FB3N, CMP14FB3N, CMX18FB3N, CMR22FB3N, CMS26FB3N, CMS30FB3N, CML40TB3N, CML45TB3N, CML60TB3N, CML80TB3N, CML90TB3N, CMP12TB3N, CMP14TB3N, CMX16TB3N, CMX18TB3N, CMR22TB3N, CMS26TB3N, CGL40TB3NR, CGL45TB3NR, CGL60TB3NR, CGL90TB3NR, CGP10RB3N, CGP12TB3NR, CGP14TB3NR,

# CGX18TB3N, CGX21TB3N, CGS26TB3N, CGS30TB3N, CGS34TB3N

Category: compressor
written by www.mbsm.pro | 5 March 2025

| Model | Compressor | | | | | Amb. Temp | R404a Capacity [watts] Evaporating temp. [°C] | | | | | | | | Suction liquid | Dimensions [mm] | | | Weight kg |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Displ. cm3/rev | HP | Motor Type | Input [Watts] | FLA [A] | | -25 | -20 | -15 | -10 | -5 | 0 | 5 | 10 | | L | W | H | |
| CML40TB3N | 4.0 | 1/5 | CSIR | 348 | 2.0 | 32 | 205 | 253 | 309 | 372 | 440 | 516 | 597 | 687 | 3/8" : 1/4" | 425 | 325 | 235 | 14.6 |
| | | | | | | 38 | 189 | 234 | 285 | 343 | 406 | 476 | 551 | 634 | | | | | |
| | | | | | | 43 | 178 | 220 | 268 | 322 | 381 | 447 | 518 | 596 | | | | | |
| CML45TB3N | 4.5 | 1/4 | CSIR | 385 | 2.2 | 32 | 221 | 277 | 338 | 405 | 477 | 555 | 640 | 724 | 3/8" : 1/4" | 425 | 325 | 235 | 14.7 |
| | | | | | | 38 | 204 | 256 | 312 | 373 | 440 | 512 | 590 | 668 | | | | | |
| | | | | | | 43 | 192 | 240 | 293 | 351 | 413 | 481 | 555 | 628 | | | | | |
| CML60TB3N | 5.7 | 1/3 | CSIR | 477 | 2.8 | 32 | 274 | 345 | 421 | 506 | 596 | 693 | 797 | 907 | 3/8" : 1/4" | 425 | 330 | 245 | 22.7 |
| | | | | | | 38 | 253 | 318 | 389 | 466 | 550 | 639 | 735 | 837 | | | | | |
| | | | | | | 43 | 238 | 299 | 365 | 438 | 517 | 601 | 691 | 787 | | | | | |
| CML80TB3N | 7.6 | 3/8 | CSIR | 570 | 3.3 | 32 | 420 | 493 | 584 | 692 | 818 | 961 | 1122 | 1300 | 3/8" : 3/8" | 450 | 355 | 270 | 23.5 |
| | | | | | | 38 | 388 | 455 | 539 | 638 | 754 | 886 | 1035 | 1199 | | | | | |
| | | | | | | 43 | 364 | 428 | 506 | 600 | 709 | 833 | 972 | 1127 | | | | | |
| CML90TB3N | 8.9 | 1/2 | CSIR | 700 | 4.0 | 32 | 434 | 545 | 665 | 798 | 940 | 1094 | 1258 | 1433 | 3/8" : 3/8" | 425 | 355 | 270 | 23.9 |
| | | | | | | 38 | 400 | 503 | 614 | 736 | 867 | 1009 | 1160 | 1321 | | | | | |
| | | | | | | 43 | 376 | 472 | 577 | 692 | 815 | 948 | 1090 | 1242 | | | | | |
| CMP12TB3N | 12.0 | 1/2 | CSR | 860 | 4.1 | 32 | 598 | 755 | 926 | 1113 | 1317 | 1537 | 1772 | 2023 | 3/8" : 3/8" | 480 | 425 | 350 | 29.8 |
| | | | | | | 38 | 552 | 696 | 854 | 1027 | 1215 | 1417 | 1634 | 1866 | | | | | |
| | | | | | | 43 | 519 | 655 | 803 | 965 | 1142 | 1332 | 1536 | 1754 | | | | | |
| CMP14TB3N | 14.0 | 5/8 | CSR | 1000 | 4.9 | 32 | 631 | 810 | 1002 | 1208 | 1429 | 1662 | 1911 | 2172 | 3/8" : 3/8" | 500 | 425 | 350 | 29.9 |
| | | | | | | 38 | 582 | 747 | 924 | 1114 | 1318 | 1533 | 1762 | 2004 | | | | | |
| | | | | | | 43 | 547 | 702 | 869 | 1047 | 1239 | 1441 | 1657 | 1883 | | | | | |
| CMX16TB3N | 16.0 | 1 | CSR | 1163 | 5.8 | 32 | 751 | 973 | 1198 | 1428 | 1661 | 1899 | 2140 | 2385 | 3/8" : 3/8" | 495 | 430 | 350 | 30.0 |
| | | | | | | 38 | 708 | 916 | 1129 | 1345 | 1564 | 1788 | 2015 | 2246 | | | | | |
| | | | | | | 43 | 671 | 869 | 1070 | 1276 | 1483 | 1696 | 1911 | 2130 | | | | | |
| CMX18TB3N | 18.4 | 11/8 | CSR | 1370 | 7.0 | 32 | 812 | 1024 | 1242 | 1466 | 1697 | 1933 | 2176 | 2425 | 3/8" : 3/8" | 500 | 430 | 350 | 33.0 |
| | | | | | | 38 | 765 | 965 | 1169 | 1381 | 1598 | 1820 | 2049 | 2283 | | | | | |
| | | | | | | 43 | 725 | 915 | 1109 | 1310 | 1516 | 1726 | 1944 | 2165 | | | | | |
| CMR22TB3N | 21.2 | 11/4 | CSR | 1228 | 6.3 | 32 | 885 | 1126 | 1397 | 1698 | 2031 | 2396 | 2787 | 3213 | 1/2" : 3/8" | 525 | 455 | 440 | 41.2 |
| | | | | | | 38 | 816 | 1038 | 1288 | 1567 | 1873 | 2210 | 2571 | 2963 | | | | | |
| | | | | | | 43 | 767 | 976 | 1211 | 1473 | 1761 | 2077 | 2416 | 2785 | | | | | |
| CMS26TB3N | 25.9 | 11/2 | CSR | 1772 | 9.0 | 32 | 1218 | 1553 | 1911 | 2289 | 2690 | 3113 | 3557 | 4023 | 1/2" : 3/8" | 515 | 455 | 440 | 43.0 |
| | | | | | | 38 | 1124 | 1433 | 1762 | 2111 | 2481 | 2871 | 3280 | 3711 | | | | | |
| | | | | | | 43 | 1056 | 1347 | 1657 | 1984 | 2333 | 2699 | 3084 | 3488 | | | | | |

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CML45FB3N, CML60FB3N, CML80FB3N, CML90FB3N, CMP12FB3N, CMP14FB3N, CMX18FB3N, CMR22FB3N, CMS26FB3N, CMS30FB3N, CML40TB3N, CML45TB3N, CML60TB3N, CML80TB3N, CML90TB3N, CMP12TB3N, CMP14TB3N, CMX16TB3N, CMX18TB3N, CMR22TB3N, CMS26TB3N, CGL40TB3NR, CGL45TB3NR, CGL60TB3NR, CGL90TB3NR, CGP10RB3N, CGP12TB3NR, CGP14TB3NR, CGX18TB3N, CGX21TB3N, CGS26TB3N, CGS30TB3N, CGS34TB3N

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# Mbsm.pro, Compresoor, 1/8 hp, r12, 1ph/220v/50hz, AEZ1336A, B8A39, AE1027, TL4A, L45AU, PW4.5K9, AZ1335A, 8L300, FN43F67S, M4J, B8A10, A1075A, V792, V792E, AS8, E36601, LK39.0, TL4B, L45AW, AZ1340A, FNE75WS5, ESM4, PB9AF88, A1085A, E44101A, LK45.0, TL4A, AEZ1336A, BP1072A

Category: compressor

written by www.mbsm.pro | 5 March 2025

Mbsm.pro, Compresoor, 1/8 hp, r12, 1ph/220v/50hz, AEZ1336A, B8A39, AE1027, TL4A, L45AU, PW4.5K9, AZ1335A, 8L300, FN43F67S, M4J, B8A10, A1075A, V792, V792E, AS8, E36601, LK39.0, TL4B, L45AW, AZ1340A, FNE75WS5, ESM4, PB9AF88, A1085A, E44101A, LK45.0, TL4A, AEZ1336A, BP1072A

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# Mbsm.pro, Compressor, NJ9232GK, embraco, 1.1/4 hp, r404, Mhbp

Category: Développement
written by www.mbsm.pro | 5 March 2025

Mbsm.pro, Compressor, NJ9232GK, embraco, 1.1/4 hp, r404, Mhbp

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# Mbsm.pro, Compressor, C-BZ120, 1/6 hp, 120w, Mhbp, r12, C-BZ, C-BZN, KULTHORN compressor

Category: compressor
written by www.mbsm.pro | 5 March 2025

Mbsm.pro, Compressor, C-BZ120, 1/6 hp, 120w, Mhbp, r12, C-BZ, C-BZN, KULTHORN KULTHORN

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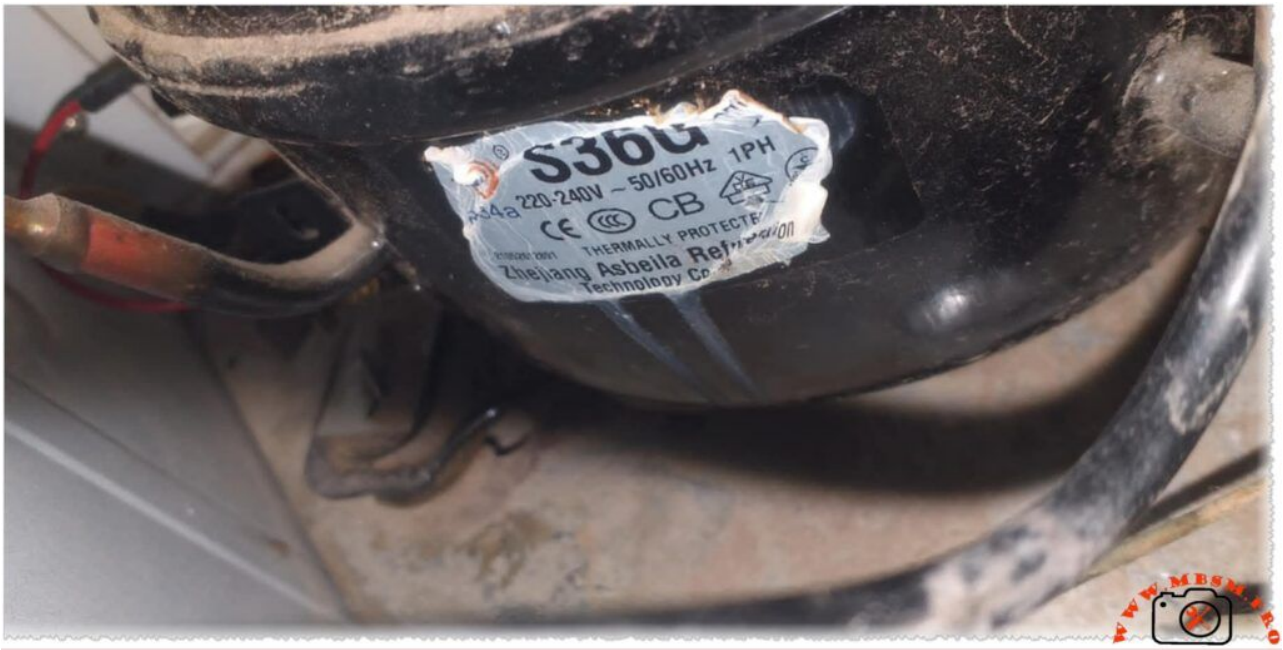
# Mbsm.pro, Compressor , s36G, 1/10 hp, 1ph 220v/50hz, R134a, 32g, water-cooler, BLY-F/950

Category: compressor
written by www.mbsm.pro | 5 March 2025



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| Information | Value |
|---|---|
| **Model** | BLY-F (905) |
| **Rated Voltage** | 220-240V~ |
| **Rated Frequency** | 50/60Hz |
| **Heating Power** | 450W |
| **Total Power** | 550W |
| **Maximum Rated Wattage of Lamps** | 0.5W |
| **Cooling Capacity** | 1.5L/h |
| **Cooling Consumption** | 0.100Kwh/H |
| **Rated Cooling Current** | 0.8A |
| **Refrigerant** | R134a/32g |
| **Climate Class** | T |
| **Protection Class** | I |
| **Foam** | EPS |
| **Waterproof Degree** | IPX0 |
| **Made in** | China |

# Water Dispenser / Mini Fridge Compressor (1/10HP)

| | |
|---|---|
| Refrigeration Compressor Type | Reciprocating Compressor |
| Refrigerant | R134A |
| Usage | Water Dispenser / Small Fridge / Minibar / etc |
| Warranty | N/A |
| Voltage | 220-240V / 50Hz |
| Displacement | 3.6 cm3 |
| Model No. | S36G / QD36 |
| Cooling Power (W) | 80W |
| Cooling Power (HP) | 1/10 HP |

Small refrigeration compressor mainly used in:

– Water Dispenser (cooling cabinet models)
– Small Refrigerator / Mini Bar / Ice Machines
– Other small refrigerating equipment
Cooling Power: 85W (1/10 HP)
Electricity required: 220-240V / 50Hz

# 1. Compressor (Model S36G)

- **Purpose**: The core component for pressurizing refrigerant in a cooling cycle.
- **Model S36G**: Likely a specific compressor model (possibly from a brand like Secop, Danfoss, or a regional manufacturer). Verify with manufacturer documentation for exact specs.
- **Application**: Small-scale systems (e.g., commercial water coolers, medical devices, or compact refrigeration) due to the small refrigerant charge.

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# 2. Refrigerant (R134a, 32g)

- **R134a**: A common hydrofluorocarbon (HFC) refrigerant used in medium-temperature systems (e.g., refrigerators, AC units, water coolers).
- **32g Charge**: Indicates a small system, typical for portable or compact units. Ensure the charge matches manufacturer specifications to avoid inefficiency or damage.

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# 3. Water-Cooler System

- **Water-Cooled Condenser**: Uses water (instead of air) to dissipate heat, improving efficiency. Requires a water supply, pump, and possibly a cooling tower.
- **Applications**: Often found in commercial settings (e.g., water dispensers, industrial chillers, or high-efficiency HVAC systems).

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# 4. BLY-F/950

- Likely a **component model**, such as:
  - **Filter drier**: Removes moisture/contaminants from refrigerant.
  - **Pressure switch**: Safety device to control system pressure.
  - **Control board/Valve**: Part of the system’s electrical or flow regulation.
  - Check manufacturer manuals or suppliers for exact function.

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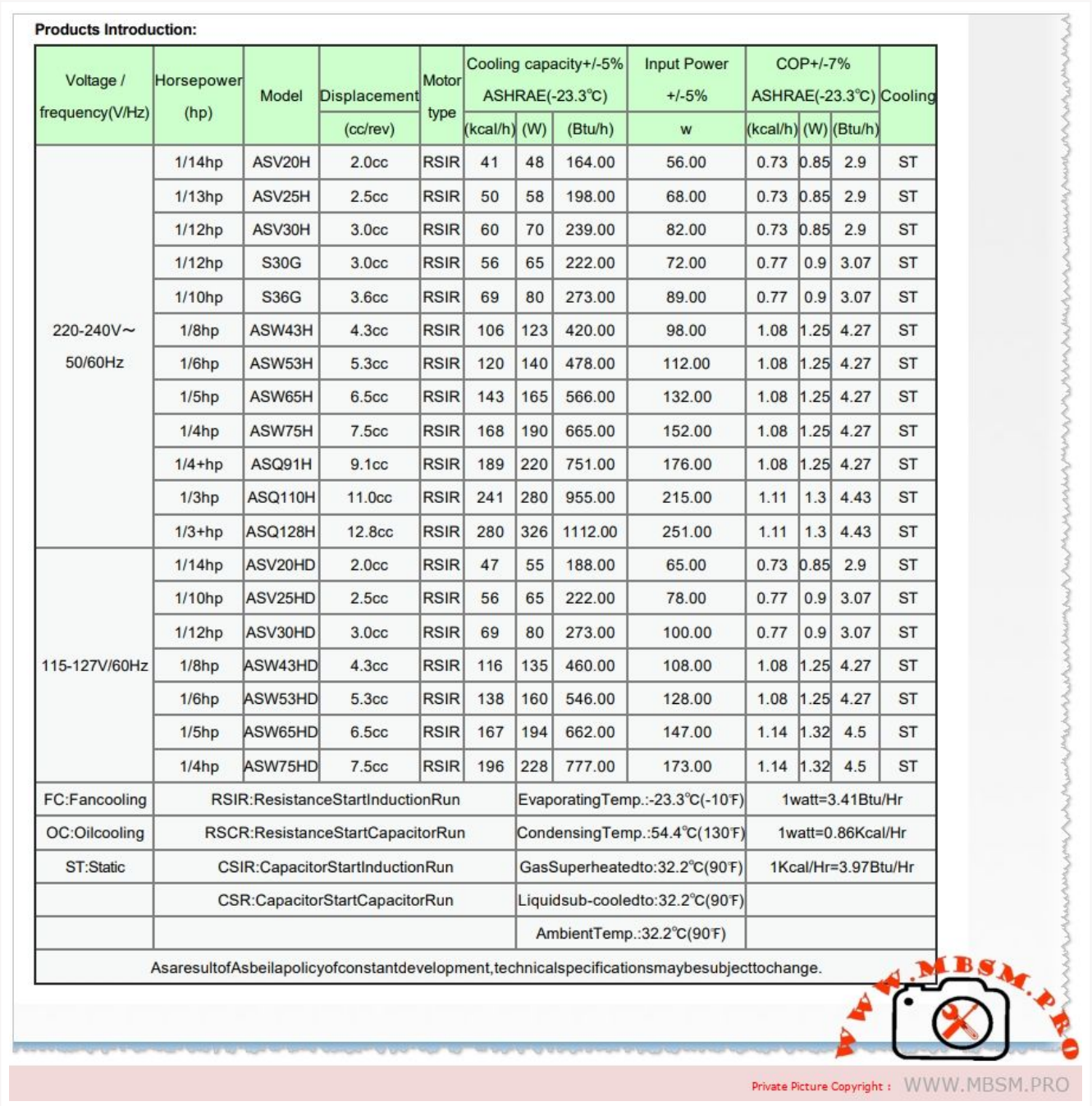
# Key Considerations

1. **Compatibility**: Ensure the compressor (S36G) is designed for R134a and water-cooled operation.
2. **Refrigerant Charge**: Confirm 32g is correct (undercharging/overcharging affects performance).
3. **Water Cooling**: Check for scale buildup, water flow rate, and pump functionality.
4. **BLY-F/950 Replacement**: Cross-reference with OEM parts or contact the system

manufacturer.

# Troubleshooting Tips

- **Low Cooling Efficiency**: Check refrigerant charge, water flow, or condenser cleanliness.
- **Component Failure**: Test the BLY-F/950 part (e.g., continuity for switches, clogging in filter driers).
- **Noise/Leaks**: Inspect the compressor and refrierant lines.



**Products Introduction:**

| Voltage / frequency(V/Hz) | Horsepower (hp) | Model | Displacement (cc/rev) | Motor type | Cooling capacity+/-5% ASHRAE(-23.3℃) (kcal/h) | (W) | (Btu/h) | Input Power +/-5% w | COP+/-7% ASHRAE(-23.3℃) (kcal/h) | (W) | (Btu/h) | Cooling |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 220-240V~ 50/60Hz | 1/14hp | ASV20H | 2.0cc | RSIR | 41 | 48 | 164.00 | 56.00 | 0.73 | 0.85 | 2.9 | ST |
| | 1/13hp | ASV25H | 2.5cc | RSIR | 50 | 58 | 198.00 | 68.00 | 0.73 | 0.85 | 2.9 | ST |
| | 1/12hp | ASV30H | 3.0cc | RSIR | 60 | 70 | 239.00 | 82.00 | 0.73 | 0.85 | 2.9 | ST |
| | 1/12hp | S30G | 3.0cc | RSIR | 56 | 65 | 222.00 | 72.00 | 0.77 | 0.9 | 3.07 | ST |
| | 1/10hp | S36G | 3.6cc | RSIR | 69 | 80 | 273.00 | 89.00 | 0.77 | 0.9 | 3.07 | ST |
| | 1/8hp | ASW43H | 4.3cc | RSIR | 106 | 123 | 420.00 | 98.00 | 1.08 | 1.25 | 4.27 | ST |
| | 1/6hp | ASW53H | 5.3cc | RSIR | 120 | 140 | 478.00 | 112.00 | 1.08 | 1.25 | 4.27 | ST |
| | 1/5hp | ASW65H | 6.5cc | RSIR | 143 | 165 | 566.00 | 132.00 | 1.08 | 1.25 | 4.27 | ST |
| | 1/4hp | ASW75H | 7.5cc | RSIR | 168 | 190 | 665.00 | 152.00 | 1.08 | 1.25 | 4.27 | ST |
| | 1/4+hp | ASQ91H | 9.1cc | RSIR | 189 | 220 | 751.00 | 176.00 | 1.08 | 1.25 | 4.27 | ST |
| | 1/3hp | ASQ110H | 11.0cc | RSIR | 241 | 280 | 955.00 | 215.00 | 1.11 | 1.3 | 4.43 | ST |
| | 1/3+hp | ASQ128H | 12.8cc | RSIR | 280 | 326 | 1112.00 | 251.00 | 1.11 | 1.3 | 4.43 | ST |
| 115-127V/60Hz | 1/14hp | ASV20HD | 2.0cc | RSIR | 47 | 55 | 188.00 | 65.00 | 0.73 | 0.85 | 2.9 | ST |
| | 1/10hp | ASV25HD | 2.5cc | RSIR | 56 | 65 | 222.00 | 78.00 | 0.77 | 0.9 | 3.07 | ST |
| | 1/12hp | ASV30HD | 3.0cc | RSIR | 69 | 80 | 273.00 | 100.00 | 0.77 | 0.9 | 3.07 | ST |
| | 1/8hp | ASW43HD | 4.3cc | RSIR | 116 | 135 | 460.00 | 108.00 | 1.08 | 1.25 | 4.27 | ST |
| | 1/6hp | ASW53HD | 5.3cc | RSIR | 138 | 160 | 546.00 | 128.00 | 1.08 | 1.25 | 4.27 | ST |
| | 1/5hp | ASW65HD | 6.5cc | RSIR | 167 | 194 | 662.00 | 147.00 | 1.14 | 1.32 | 4.5 | ST |
| | 1/4hp | ASW75HD | 7.5cc | RSIR | 196 | 228 | 777.00 | 173.00 | 1.14 | 1.32 | 4.5 | ST |

| | | | |
|---|---|---|---|
| FC:Fancooling | RSIR:ResistanceStartInductionRun | EvaporatingTemp.:-23.3℃(-10℉) | 1watt=3.41Btu/Hr |
| OC:Oilcooling | RSCR:ResistanceStartCapacitorRun | CondensingTemp.:54.4℃(130℉) | 1watt=0.86Kcal/Hr |
| ST:Static | CSIR:CapacitorStartInductionRun | GasSuperheatedto:32.2℃(90℉) | 1Kcal/Hr=3.97Btu/Hr |
| | CSR:CapacitorStartCapacitorRun | Liquidsub-cooledto:32.2℃(90℉) | |
| | | AmbientTemp.:32.2℃(90℉) | |

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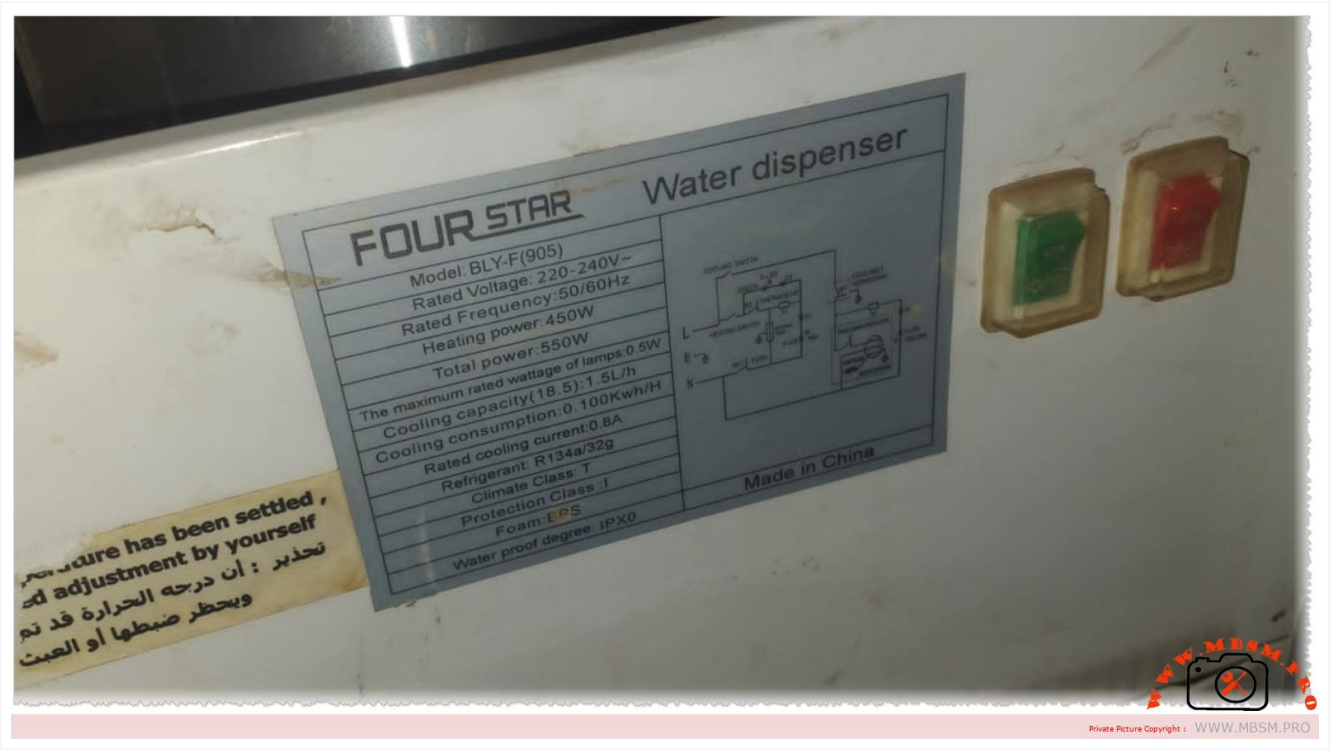

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