

**List of Carrier 30XA Series Air-cooled Screw Chillers in Oman**

| Sl. No. | Project | Model | Qty | Unit cooling capacity, TR | Total cooling capacity, TR | Power, KW |
|---------|--------------------------------------|----------|-----|---------------------------|----------------------------|-----------|
| 1 | Sohar Fertiliser Plant | 30XA0352 | 3 | 83 | 249 | 364 |
| 2 | Central Prison at Sumail | 30XA0852 | 16 | 218 | 3488 | 5092 |
| 3 | Sohar Aluminium, Power Plant | 30XA0602 | 2 | 161 | 322 | 470 |
| | | 30XA0502 | 4 | 132 | 528 | 771 |
| | | 30XA0402 | 2 | 103 | 206 | 301 |
| | | 30XA0302 | 2 | 77 | 154 | 225 |
| 4 | Bait Bahjat Al Andaar, Sohar | 30XA0702 | 1 | 176 | 176 | 257 |
| 5 | Oman Cable | 30XA0752 | 1 | 190 | 190 | 277 |
| 6 | Hisn A'Shumookh - Nizwa | 30XA0702 | 1 | 176 | 176 | 257 |
| 7 | AFH Hospital for MOD | 30XA0502 | 3 | 132 | 396 | 578 |
| 8 | HQ Building for MOD at MAM | 30XA0852 | 2 | 218 | 436 | 636 |
| 9 | Sheraton Hotel | 30XA0902 | 5 | 235 | 1175 | 1715 |
| 10 | Mazoon College | 30XA0852 | 2 | 218 | 436 | 636 |
| 11 | Royal Cavalry, Seeb | 30XA0452 | 2 | 117 | 234 | 342 |
| 12 | Muna Noor | 30XA0402 | 1 | 103 | 103 | 150 |
| 13 | Gulf Mushroom | 30XA1352 | 1 | 375 | 375 | 547 |
| 14 | Royal Garage Workshop | 30XA0852 | 3 | 218 | 654 | 955 |
| 15 | Sohar Multiplex | 30XA1002 | 2 | 261 | 522 | 762 |
| 16 | Sohar Aromatics | 30XA0602 | 2 | 161 | 322 | 470 |
| 17 | Central Banking and Financial School | 30XA0252 | 2 | 71 | 142 | 207 |
| 18 | QLNG HQ Building | 30XA0502 | 2 | 132 | 264 | 385 |
| 19 | Bait Al Reem, Al Khuwair | 30XA1202 | 5 | 325 | 1625 | 2372 |
| 20 | RAFO, Musannah | 30XA0402 | 1 | 103 | 103 | 150 |
| 21 | ABA School | 30XA0502 | 1 | 132 | 132 | 193 |
| 22 | Sur IWPP | 30XA0402 | 2 | 103 | 206 | 301 |

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| 23 | Al Mustaqbal Properties, Comml. Building | 30XA1102 | 4 | 299 | 1196 | 1746 |
| | | 30XA1402 | 4 | 383 | 1532 | 2236 |
| | | 30XA0802 | 1 | 207 | 207 | 302 |
| 24 | Muna Noor Factory at Rusayl | 30XA0402 | 1 | 103 | 103 | 150 |
| 25 | Commercial Building for Al Seer | 30XA0702 | 3 | 176 | 528 | 771 |
| 26 | Safeer Hypermarket at Azaiba | 30XA0802 | 3 | 207 | 621 | 907 |
| 27 | New Diwan Offices - 4 | 30XA0852 | 2 | 218 | 436 | 636 |
| 28 | Lulu Hypermarket, Salalah | 30XA1302 | 5 | 353 | 1765 | 2577 |
| 29 | NH 90 Helicopter Facilities at Musanah | 30XA0802 | 5 | 207 | 1035 | 1511 |
| 30 | SQU Female Accommodation | 30XA0752 | 3 | 190 | 570 | 832 |
| 31 | Psychiatric Hospital | 30XA1002 | 11 | 261 | 2871 | 4191 |
| 32 | MOD Pension Fund | 30XA1102 | 2 | 299 | 598 | 873 |
| 33 | SQU New Teaching Block | 30XA1002 | 3 | 261 | 783 | 1143 |
| 34 | RGO | 30XA1102 | 1 | 299 | 299 | 436 |
| 35 | Salalah Touristic Complex | 30XA1202 | 6 | 325 | 1950 | 2847 |
| 36 | Ministry of Higher Education | 30XA1202 | 4 | 325 | 1300 | 1898 |
| 37 | Hisn A'Shumookh - Nizwa - Phase 4 | 30XA1302 | 6 | 353 | 2118 | 3092 |
| 38 | Oncology Centre, Royal Hospital | 30XA1002 | 3 | 261 | 783 | 1143 |
| 39 | Muscat Intercontinental | 30XA1302 | 1 | 353 | 353 | 515 |
| 40 | PDO | 30XA1102 | 2 | 299 | 598 | 873 |
| 41 | International Maritime College | 30XA1102 | 4 | 299 | 1196 | 1746 |



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| 42 | Genetic Centre, Bausher | 30XA1002 | 3 | 261 | 783 | 1143 |
| 43 | C&R Building at Qurum | 30XA1302 | 6 | 353 | 2118 | 3092 |
| 44 | SQU Hospital Medical Store | 30XA0702 | 2 | 176 | 352 | 514 |
| 45 | Oman Dental College | 30XA0902 | 2 | 235 | 470 | 686 |
| 46 | Gulf Mushroom | 30XA1352 | 1 | 375 | 375 | 547 |
| 47 | Bait Al Madrasa, Salalah | 30XA0352 | 2 | 83 | 166 | 242 |
| 48 | Public Technical Library for PDO | 30XA0402 | 1 | 103 | 103 | 150 |
| 49 | Awqad Villa at Salalah | 30XA0352 | 1 | 83 | 83 | 121 |
| 50 | Ministry of Tourism | 30XA1002 | 5 | 261 | 1305 | 1905 |
| 51 | Dana House | 30XA0602 | 2 | 161 | 322 | 470 |
| 52 | Silver House | 30XA0402 | 2 | 103 | 206 | 301 |
| 53 | Lulu Hypermarket, Nizwa | 30XA1202 | 4 | 325 | 1300 | 1898 |
| 54 | Oman Botanic Garden | 30XA1002 | 3 | 261 | 783 | 1143 |
| 55 | Sohar Pelletizing Plant (Vale) | 30XA0502 | 2 | 132 | 264 | 385 |
| | | 30XA0602 | 3 | 161 | 483 | 705 |
| | | 30XA1402 | 3 | 383 | 1149 | 1677 |
| 56 | Haya Water HQ | 30XA0902 | 2 | 235 | 470 | 686 |
| 57 | Royal Suites at Sohar Hospital | 30XA0252 | 2 | 71 | 142 | 207 |
| 58 | PDO, Yibal | 30XA0502 | 2 | 132 | 264 | 385 |
| 59 | Oman Residence | 30XA0902 | 1 | 235 | 235 | 343 |

191

44829

65438

Savings compared to other chillers @ 17.5%

KW

11,452

Average Savings based on a 2000 HR operation at peak load per year

KWH

22,903,300