

| TECHNICAL SPECIFICATION | | | | | | | |
|---|-----------------------------------|---------|-------|----------|-------|------|----|
| Adsorption chiller NAK-C 100 | | ECONOMY | | STANDARD | | | |
| HOT WATER CIRCLE | inlet temperature | 88,0 | 88,0 | 88,0 | 88,0 | °C | |
| | outlet temperature | 80,8 | 82,6 | 82,7 | 83,8 | °C | |
| | differential temperature | 7,2 | 5,4 | 5,3 | 4,2 | K | |
| | volume flow | 132,0 | 132,0 | 132,0 | 132,0 | m³/h | |
| | pressure drop | 29,0 | 29,0 | 29,0 | 29,0 | kPa | |
| HOT WATER HEATING CAPACITY (Q _{IN}) | | 1105 | 829 | 814 | 645 | kW | |
| C.O.P. (HEATING EFFICIENCY Q ₀ : Q _{IN}) | | 0,54 | 0,44 | 0,62 | 0,55 | | |
| CHILLING CAPACITY (Q ₀) | | 600 | 364 | 502 | 352 | kW | |
| CHILLED WATER CIRCLE | inlet temperature | 14,0 | 6,0 | 14,0 | 6,0 | °C | |
| | outlet temperature | 9,0 | 3,0 | 9,0 | 3,0 | °C | |
| | differential temperature | 5,0 | 3,0 | 5,0 | 3,0 | K | |
| | volume flow | 103,2 | 104,4 | 86,4 | 100,8 | m³/h | |
| | pressure drop | 76,0 | 78,0 | 59,0 | 69,0 | kPa | |
| REQUIRED CHILLING CAPACITY | | 1705 | 1193 | 1316 | 996 | kW | |
| COOLING WATER CIRCLE | inlet temperature | 31,0 | 31,0 | 31,0 | 31,0 | °C | |
| | outlet temperature | 37,1 | 35,2 | 35,7 | 34,6 | °C | |
| | differential temperature | 6,1 | 4,2 | 4,7 | 3,6 | K | |
| | volume flow | 240,0 | 240,0 | 240,0 | 240,0 | m³/h | |
| | pressure drop | 98,0 | 98,0 | 98,0 | 98,0 | kPa | |
| SUPPLY CONNECTION DATA | compressed air connection | 490 | 490 | 490 | 490 | kPa | |
| | compressed air consumption | 2016 | 2016 | 1296 | 1296 | l/h | |
| | electrical connection (220 V/ 50) | 0,4 | 0,4 | 0,4 | 0,4 | kVA | |
| | refrigerant pump | 0,4 | 0,4 | 0,4 | 0,4 | kVA | |
| MESSURMENTS AND WEIGHS | length | | | | | 4580 | mm |
| | width | | | | | 2255 | mm |
| | height | | | | | 3150 | mm |
| | running weight | | | | | 16,4 | t |
| | transportation weight | | | | | 15,0 | t |