

AIR CONDITIONER DIAGNOSTIC TABLE

| SYMPTOMS | HP | SP | SH | SC | A | TD |
|------------------------|----|----|----|----|---|----|
| Undercharge | ↓ | ↓ | ↑ | ↓ | ↓ | ↓ |
| Overcharge | ↑ | ↑ | ↓ | ↑ | ↑ | ↓ |
| Restriction | ↓ | ↓ | ↑ | ↑ | ↓ | ↓ |
| Low Indoor Air Flow | ↓ | ↓ | ↓ | ↑ | ↓ | ↑ |
| Dirty Condenser | ↑ | ↑ | ↓ | ↓ | ↑ | ↓ |
| High Indoor Ambient | ↑ | ↑ | ↑ | ↓ | ↑ | ↓ |
| Inefficient Compressor | ↓ | ↑ | ↑ | ↓ | ↓ | ↓ |
| Air In System | ↑ | ↑ | ↓ | ↓ | ↑ | ↓ |

HP = Head Pressure

SP = Suction Pressure

SH = Superheat

SC = Subcool

A = Amps

TD = Temperature Difference