

NORMAL OPERATING RANGES FOR COMFORT COOLING SYSTEMS

OPERATING PARAMETER	LOW RANGE - HIGH RANGE
SUCTION PRESSURE RANGES	55 – 80 PSIG
HIGH SIDE PRESSURE RANGES	176 – 300 PSIG
SYSTEM SUCTION SUPERHEAT :	12 – 14°F
SYSTEM SUBCOOLING :	15 - 20°F
EVAPORATOR COIL RANGES : <ul style="list-style-type: none"> • TEMPERATURE DROP • AIR FLOW/TON COOLING • EVAPORATOR TEMPERATURE 	15 - 25°F 350 – 425 CFM/TON 30 - 48°F
SUCTION LINE TEMP. DROP	4°F
DRIERS	4°F
INDOOR. OUTDOOR TEMP. SPLIT	15 - 25°F

Table of addition compressor oil

Piping size	Compressor oil addition at each meter of piping length
3/8"	7.5 ml (CC.)
1/2"	10 "
5/8"	20 "
3/4"	30 "
7/8"	40 "
1-1/8"	50 "