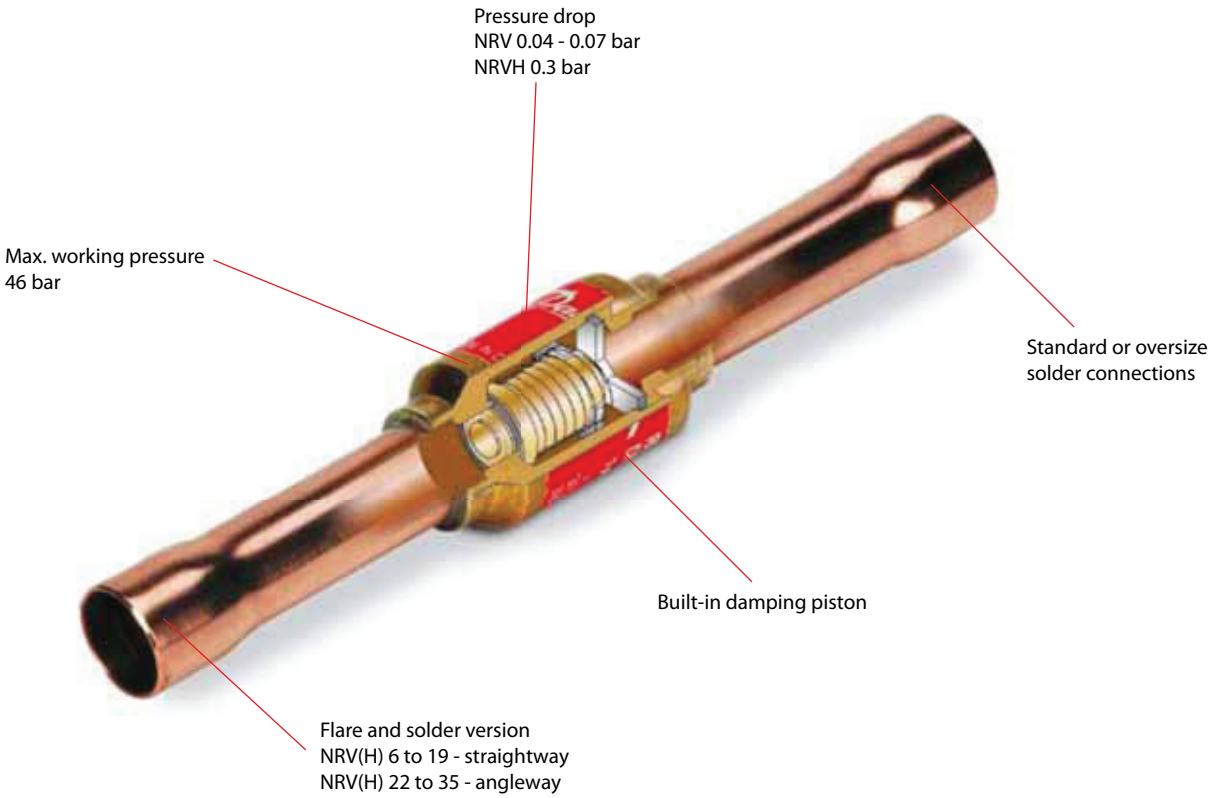
NRV and NRVH: correct flow direction - flexible to use

NRV and NRVH check valves can be used in liquid, suction and hot gas lines in refrigeration and air conditioning plants with fluorinated refrigerants. The valves ensure the correct flow direction and prevent back-condensation from a warm part of the system to the cold evaporator. A built-in damping piston makes the valves suitable for installation in lines where pulsation can occur, e.g. in the discharge line from the compressor.

Features



Applications	Advantages	Facts
· Traditional refrigeration · Heat pump systems · Air conditioning units · Liquid coolers · Transport refrigeration	· For all flourinated refrigerants · Resonance problems can be avoided at partial load in the refrigeration plant. · Oversize connections provide flexibility in use. · Prevents back-condensation from warm to cold system part. · Ensures correct flow direction.	· In refrigeration plants with compressors connected in parallel, it is advantageous to use NRVH, since the spring is stronger than in NRV. · Both straightway and angleway versions. · Max. working pressure PS/MWP = 46 bar · Max. test pressure p' = 60 bar · Temperature of the medium –50 → 140°C