

Mbsm.pro, Water, Pressure, Regulator

Category: News

written by www.mbsm.pro | 17 January 2025



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A water pressure regulator is a vital component in any plumbing system, designed to protect your pipes and appliances from the damaging effects of high water pressure. By maintaining a consistent and safe pressure level, it not only enhances the efficiency of your water-dependent devices but also helps conserve water and reduce utility bills. Whether for home or industrial use, understanding how to choose, install, and maintain a water pressure regulator can save you from costly repairs and ensure the longevity of your water system. This guide provides essential insights into the importance, types, and maintenance of water pressure regulators, empowering you to make informed decisions for your plumbing needs.

Compressor, NPT12FSC, CUBIGEL, R290, 12,10ccm, LBP, 3/8HP, 220 V 50/60 Hz

Category: compressor

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Compressor, NPT12FSC, CUBIGEL, R290, 12,10ccm, LBP, 3/8HP, 220 V 50/60 Hz

Types of Electrical Motors, RSIR, CSIR, RSCR, CSR, PTC, NTC, LST, HST, MBP, HBP, LBP

Category: compressor, Files

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Types of Electrical Motors

RSIR (Resistance Start-Induction Run)

LST motor. No capacitors. Auxiliary winding is disconnected after start up. Standard energy efficiency.

CSIR (Capacitor Start-Induction Run)

HST motor. With starting capacitor.

Auxiliary winding is disconnected after start up. Standard efficiency.

RSCR (Resistance Start-Capacitor Run)

LST motor. With running capacitor. Auxiliary winding remains connected after start up.

Used for high efficiency in small capacity compressors (particularly in household refrigeration)

CSR (Capacitor Start and Run)

HST motor. Two capacitors (starting and running).

Auxiliary winding remains connected after start up.

Used for high efficiency in small compressors and for size reduced size motors in compressors with comparatively large displacements

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Type of starting device

Current relay – (electromechanical). RSIR/CSIR motors and CSR low/medium-power motors with NTC (the NTC is connected in series with the starting capacitor and the main purpose is to reduce the current peaks in the relay contacts)

Potential relay – (electromechanical). CSR high-power motors.

PTC – (Positive Temperature Coefficient), the resistance increases

with the temperature. Device only with RSIR or RSCR motors in the (Small L, B), L and P ranges.

NTC – (Negative Temperature Coefficient), the resistance decreases with the temperature. Used in some CSR in order to reduce dimensions and components.

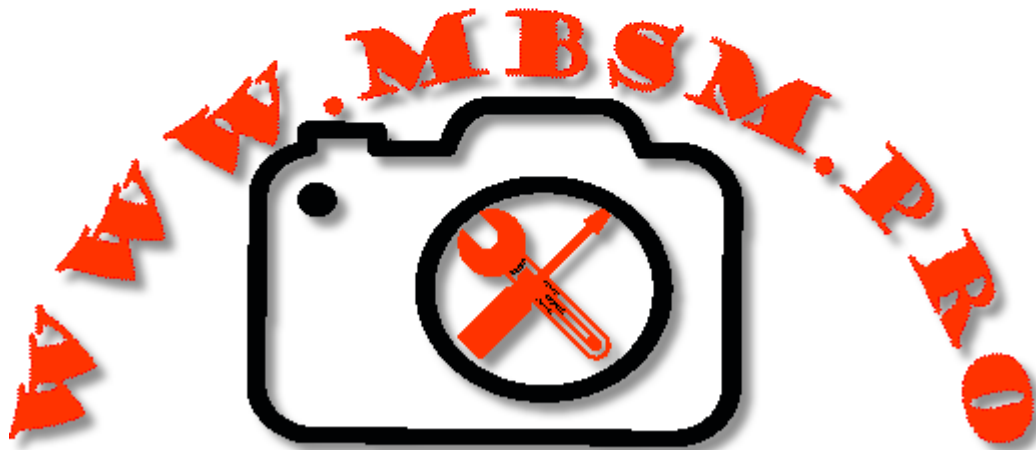
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Type of torque

LST – Low Starting Torque – Systems with capillary tube or balanced pressures at start up.

HST – High Starting Torque – Systems with expansion valve or capillary tube, with unbalanced pressures at start up.

Type of torque

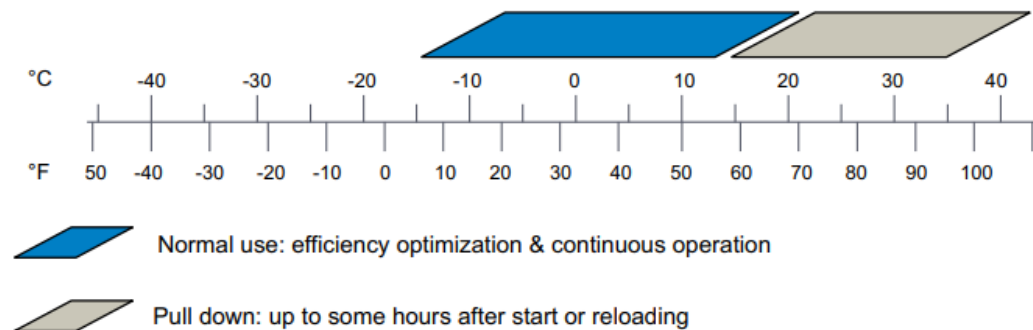
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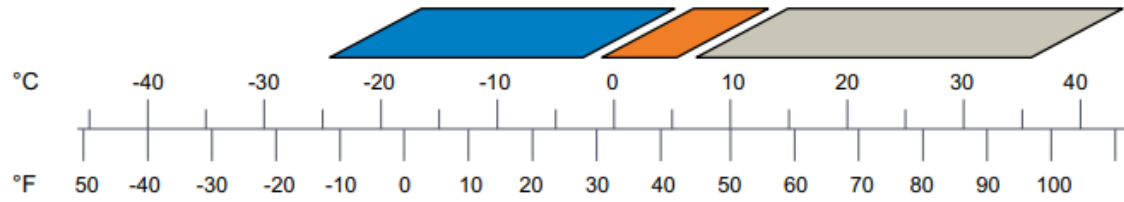
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Secop HBP compressors: evaporation pressures



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Secop MBP compressors: evaporation pressures

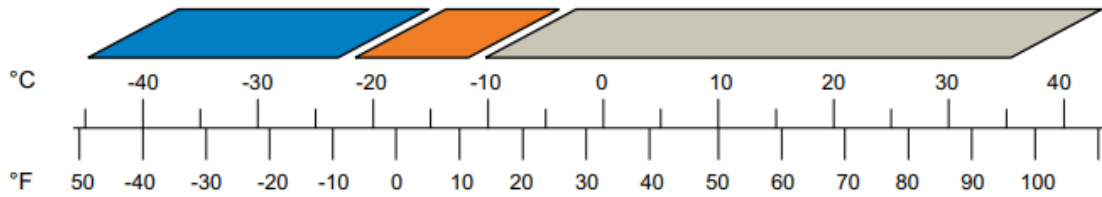





-  Normal use: efficiency optimization & continuous operation
-  High load: continuous operation
-  Pull down: up to some hours after start or reloading



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Secop LBP compressors: evaporation pressures



-  Normal use: efficiency optimization & continuous operation
-  High load: continuous operation
-  Pull down: short time operation (<60min.) after start or defrost



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Refrigerator, compressor, E1134CZA,
1/2 hp, E1130CZA, E1121CZA, 3/8HP,
commercial, freezer, R134a

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Refrigerator, compressor, E1134CZA, E1130CZA, E1121CZA, 3/8HP, commercial,
freezer, R134a

Tecumseh compressor model
AE4448YS,refrigeration compressor
(AVEC Condensateur), R134a , Lra
19.5A , 220 V 50Hz , 3/8 H ,CSIR ,
Medium/High Back Pressure

Category: Technologie,Tester ok

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Tecumseh compressor model AE4448YS,refrigeration compressor , R134a , Lra 19.5A
, 220 V 50Hz , 3/8 H ,CSIR , Medium/High Back Pressure

3HP , 2CC-3.2 , Bitzer ,Semi hermetic
,Refrigeration ,Compressor ,for cold
storage

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3HP , 2CC-3.2 , Bitzer ,Semi hermetic ,Refrigeration ,Compressor ,for cold
storage

LOW BACK PRESSURE ,HITACHI ,
Compressor FL1257-SR , 1/5HP , R134a
,135 W , BTU/Hr 512 ,Curcuit RSIR

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LOW BACK PRESSURE ,HITACHI , Compressor FL1257-SR , 1/5HP , R134a ,135 W ,
BTU/Hr 512 ,Curcuit RSIR

**www.mbsm.pro, AEZ1360A, Kirby,
Tecumseh, Compressors ,low back,
pressure, models, 240v/50HT , 1PH ,
1/5Hp , Gaz 12A**

Category: Solutions,Technologie,Tester ok

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Points forts : Compresseur aez1360a pour réfrigérateur fagor FAGOR

MA-10CA562COMP-QZQAZ